



CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Interest Rate Futures												
30-YR BOND	25,797	95,453	-73.0%	4,399,148	6,484,304	-0.32	809,982	1,864,533	-56.6%	69,143,513	89,550,384	-22.8%
10-YR NOTE	122,746	236,194	-48.0%	18,871,497	21,869,619	-0.14	3,169,881	4,791,603	-33.8%	315,861,938	325,437,805	-2.9%
5-YR NOTE	23,902	57,249	-58.2%	11,192,507	12,441,194	-0.1	1,728,501	3,795,452	-54.5%	180,179,176	182,249,985	-1.1%
2-YR NOTE	620	13,455	-95.4%	4,495,892	4,575,741	-0.02	896,195	1,623,845	-44.8%	77,813,862	64,514,742	20.6%
FED FUND	0	180	-100.0%	2,252,571	1,118,580	1.01	8,456	554	1,426.4%	20,059,425	7,873,329	154.8%
10-YR SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
5-YR SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EUROYEN	0	0	0.0%	0	0	0	0	0	0.0%	0	1	-100.0%
EURODOLLARS	660,880	710,484	-7.0%	44,568,828	61,528,448	-0.28	6,322,274	7,489,052	-15.6%	574,032,872	648,421,196	-11.5%
5-YR SWAP RATE	0	200	-100.0%	98,340	121,934	-0.19	0	7,675	-100.0%	668,631	730,455	-8.5%
2-YR SWAP RATE	0	0	0.0%	5,187	18,241	-0.72	35	58	-39.7%	31,307	110,733	-71.7%
10-YR SWAP RATE	0	584	-100.0%	89,206	107,167	-0.17	2,652	21,891	-87.9%	635,216	566,573	12.1%
EMINI ED	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
7-YR SWAP	0	-	-	1,077	-	-	0	-	-	4,932	-	-
30-YR SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
1-MONTH EURODOLLAR	0	0	0.0%	6,458	1,317	3.9	0	0	0.0%	62,422	19,870	214.2%
ULTRA T-BOND	55	8,237	-99.3%	1,491,067	1,680,869	-0.11	424,266	887,383	-52.2%	27,004,882	23,393,575	15.4%
EURO BONDS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
30-YR SWAP RATE	0	142	-100.0%	2,292	5,746	-0.6	61	506	-87.9%	33,192	48,817	-32.0%
EURO 5YR BUNDLE	0	0	0.0%	0	24	-1	0	0	0.0%	38	140	-72.9%
3YR BUNDLE	0	0	0.0%	0	246	-1	0	0	0.0%	168	971	-82.7%
2YR BUNDLE	0	0	0.0%	0	1,040	-1	0	0	0.0%	595	2,153	-72.4%

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Interest Rate Options												
30-YR BOND	298,819	356,835	-16.3%	1,156,241	1,091,975	0.06	5,589,631	4,300,880	30.0%	15,399,497	12,082,405	27.5%
10-YR NOTE	2,158,087	2,800,984	-23.0%	4,028,519	5,770,157	-0.3	35,154,311	36,422,299	-3.5%	60,896,294	61,950,323	-1.7%
5-YR NOTE	867,741	874,413	-0.8%	1,442,621	1,362,552	0.06	7,829,271	11,251,634	-30.4%	14,257,363	15,429,376	-7.6%
2-YR NOTE	46,381	169,966	-72.7%	59,622	210,167	-0.72	1,002,927	1,193,618	-16.0%	1,405,091	1,294,380	8.6%
FED FUND	3,231	1,200	169.3%	1,304	1	1,303	311,847	23,898	1,204.9%	27,904	1,635	1,606.7%
FLEX 30-YR BOND	0	0	0.0%	0	0	0	0	3,200	-100.0%	0	0	0.0%
FLEX 10-YR NOTE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURODOLLARS	7,663,105	6,943,451	10.4%	2,183,319	812,688	1.69	83,864,301	38,692,811	116.7%	18,704,308	6,127,107	205.3%
EURO MIDCURVE	8,353,601	8,233,728	1.5%	3,235,518	1,431,341	1.26	95,029,880	128,143,576	-25.8%	27,823,671	21,394,330	30.1%
ULTRA T-BOND	2,430	25,141	-90.3%	2,369	8,577	-0.72	49,725	106,068	-53.1%	55,665	50,695	9.8%

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Equity Index Futures												
\$25 DJ	0	0	0.0%	0	2	-1	0	0	0.0%	0	97	-100.0%
DJIA	0	9,596	-100.0%	0	1,264	-1	10,422	50,864	-79.5%	1,413	12,786	-88.9%
MINI \$5 DOW	0	0	0.0%	3,717,383	3,574,477	0.04	0	0	0.0%	40,519,965	39,052,181	3.8%
E-MINI S&P500	0	0	0.0%	43,175,295	40,602,262	0.06	0	0	0.0%	428,849,102	424,272,103	1.1%
S&P 500	249,219	400,660	-37.8%	13,173	16,075	-0.18	1,754,564	2,330,516	-24.7%	202,806	240,857	-15.8%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	0	0	0	0	0.0%	1	57	-98.2%
E-MINI MIDCAP	0	0	0.0%	596,385	591,938	0.01	0	0	0.0%	5,247,362	5,275,403	-0.5%
S&P 400 MIDCAP	0	36	-100.0%	0	0	0	39	1,181	-96.7%	0	0	0.0%
S&P 500 GROWTH	0	0	0.0%	54	170	-0.68	0	0	0.0%	401	803	-50.1%
S&P 500/VALUE	0	0	0.0%	518	407	0.27	0	0	0.0%	1,005	1,609	-37.5%
E-MINI RUSSELL 1000	0	-	-	2,003	-	-	0	-	-	2,788	-	-
E-MINI NASDAQ 100	0	0	0.0%	6,245,952	7,224,026	-0.14	0	0	0.0%	66,874,880	75,408,697	-11.3%
NASDAQ	0	17,313	-100.0%	0	869	-1	23,063	98,108	-76.5%	2,120	11,278	-81.2%
NIKKEI 225 (\$) STOCK	0	0	0.0%	412,710	569,312	-0.28	0	50	-100.0%	4,231,572	4,809,524	-12.0%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	1,237,111	1,291,139	-0.04	0	0	0.0%	13,316,487	12,128,394	9.8%
DJ US REAL ESTATE	0	0	0.0%	12,263	12,526	-0.02	0	0	0.0%	117,648	84,988	38.4%
NASDAQ BIOTECH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
E-MICRO NIFTY	0	0	0.0%	0	0	0	0	0	0.0%	1,018	0	0.0%
S&P CONSUMER STAPLES SE	0	0	0.0%	8,445	8,645	-0.02	0	0	0.0%	45,849	39,883	15.0%
S&P HEALTH CARE SECTOR	0	0	0.0%	8,212	9,695	-0.15	0	0	0.0%	113,859	43,051	164.5%
S&P TECHNOLOGY SECTOR	0	0	0.0%	4,330	3,865	0.12	0	0	0.0%	34,503	28,626	20.5%
S&P INDUSTRIAL SECTOR	0	0	0.0%	3,482	4,556	-0.24	0	0	0.0%	33,889	23,352	45.1%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	5,494	3,771	0.46	0	0	0.0%	68,645	26,723	156.9%
S&P UTILITIES SECTOR	0	0	0.0%	15,315	14,872	0.03	0	0	0.0%	111,476	76,087	46.5%
S&P FINANCIAL SECTOR	0	0	0.0%	7,416	3,659	1.03	0	0	0.0%	35,522	25,326	40.3%
S&P ENERGY SECTOR	0	0	0.0%	7,020	5,578	0.26	0	0	0.0%	83,107	87,341	-4.8%
S&P MATERIALS SECTOR	0	0	0.0%	3,540	5,705	-0.38	0	0	0.0%	37,785	27,237	38.7%
FT-SE 100	0	-	-	1,970	-	-	0	-	-	4,525	-	-
IBOVESPA INDEX	0	0	0.0%	635	394	0.61	0	0	0.0%	5,090	4,431	14.9%
E-MINI RUSSELL 1000 VALUE	0	-	-	1,204	-	-	0	-	-	1,729	-	-
E-MINI RUSSELL 1000 GROWT	0	-	-	1,327	-	-	0	-	-	1,782	-	-

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Equity Index Options												
DJIA	0	22	-100.0%	0	0	0	32	524	-93.9%	0	0	0.0%
MINI \$5 DOW	0	0	0.0%	10,285	18,625	-0.45	0	0	0.0%	138,575	150,742	-8.1%
E-MINI S&P500	0	0	0.0%	6,630,687	7,149,684	-0.07	226,100	304,835	-25.8%	77,541,904	73,776,007	5.1%
S&P 500	865,366	795,788	8.7%	0	11	-1	9,099,682	8,647,234	5.2%	106	137	-22.6%
E-MINI MIDCAP	0	0	0.0%	0	14	-1	0	0	0.0%	37	926	-96.0%
E-MINI NASDAQ 100	0	0	0.0%	214,548	200,309	0.07	0	0	0.0%	1,535,576	3,154,154	-51.3%
NASDAQ	0	8	-100.0%	0	0	0	30	249	-88.0%	0	0	0.0%
EOM S&P 500	101,845	145,797	-30.1%	0	0	0	1,280,558	1,023,767	25.1%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	1,284,031	1,043,524	0.23	1,500	0	0.0%	13,276,337	11,522,506	15.2%
EOW1 S&P 500	6,886	41,098	-83.2%	0	0	0	381,560	530,588	-28.1%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	595,307	1,138,561	-0.48	3,000	0	0.0%	11,549,239	10,419,487	10.8%
EOW2 S&P 500	102,774	123,067	-16.5%	0	0	0	952,275	933,010	2.1%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,294,999	1,340,321	-0.03	0	0	0.0%	12,558,487	10,554,604	19.0%
EOW4 EMINI S&P 500	0	0	0.0%	965,759	1,019,455	-0.05	4,500	0	0.0%	11,740,431	9,137,555	28.5%

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Metals Futures												
COMEX GOLD	5,411	27,171	-80.1%	2,588,229	3,108,285	-0.17	312,633	457,891	-31.7%	39,354,106	38,220,576	3.0%
E-MINI SILVER	0	0	0.0%	0	0	0	0	0	0.0%	0	11	-100.0%
COMEX MINY GOLD	0	0	0.0%	4,236	7,154	-0.41	0	0	0.0%	66,758	51,504	29.6%
COMEX MINY COPPER	0	0	0.0%	383	527	-0.27	0	0	0.0%	9,171	11,304	-18.9%
COMEX MINY SILVER	0	0	0.0%	523	698	-0.25	0	0	0.0%	9,823	12,160	-19.2%
COMEX SILVER	896	11,019	-91.9%	839,441	917,579	-0.09	81,389	130,141	-37.5%	12,949,579	13,164,099	-1.6%
COMEX COPPER	0	21,289	-100.0%	1,032,323	901,260	0.15	260,899	395,805	-34.1%	16,553,370	14,118,713	17.2%
NYMEX HOT ROLLED STEEL	0	0	0.0%	1	683	-1	0	0	0.0%	1,235	4,406	-72.0%
NYMEX PLATINUM	0	31	-100.0%	388,346	346,542	0.12	235	3,855	-93.9%	3,467,754	3,016,117	15.0%
URANIUM	0	0	0.0%	558	368	0.52	0	0	0.0%	2,508	1,291	94.3%
PALLADIUM	0	0	0.0%	62,751	68,711	-0.09	382	1,437	-73.4%	1,261,550	1,433,486	-12.0%
E-MICRO GOLD	0	0	0.0%	51,804	30,171	0.72	0	0	0.0%	407,643	276,815	47.3%
COPPER	0	0	0.0%	0	0	0	0	0	0.0%	1	0	0.0%
GOLD	0	-	-	7,596	-	-	0	-	-	51,336	-	-
ALUMINUM	0	0	0.0%	1,322	362	2.65	0	0	0.0%	5,530	5,883	-6.0%
Aluminium MW Trans Prem Platts	0	0	0.0%	107	947	-0.89	0	0	0.0%	6,688	5,373	24.5%
SILVER	0	0	0.0%	4,569	12,382	-0.63	0	0	0.0%	89,934	143,368	-37.3%
LNDN ZINC	0	-	-	0	-	-	0	-	-	386	-	-
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%	622	0	0	0	0	0.0%	1,515	810	87.0%
FERROUS PRODUCTS	0	0	0.0%	0	0	0	0	0	0.0%	8	34	-76.5%
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	65,322	124,238	-47.4%	359,678	387,995	-0.07	1,011,165	1,955,411	-48.3%	5,067,049	4,891,540	3.6%
COMEX SILVER	5,038	16,322	-69.1%	57,326	97,007	-0.41	140,040	328,889	-57.4%	973,804	1,269,927	-23.3%
COMEX COPPER	15	154	-90.3%	1,329	561	1.37	8,510	3,943	115.8%	18,501	17,026	8.7%
NYMEX PLATINUM	45	267	-83.1%	607	355	0.71	2,306	14,966	-84.6%	6,947	7,049	-1.4%
PALLADIUM	0	0	0.0%	111	123	-0.1	1,216	1,968	-38.2%	3,353	5,308	-36.8%
SHORT TERM GOLD	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%
SHORT TERM	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%
COPPER	0	-	-	0	-	-	0	-	-	10	-	-
GOLD	370	205	80.5%	1,088	1,526	-0.29	3,698	1,200	208.2%	18,050	21,576	-16.3%
SILVER	0	0	0.0%	0	1,610	-1	10	167	-94.0%	1,146	5,712	-79.9%
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%	0	0	0.0%
HOT ROLLED COIL STEEL PUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Energy Futures												
ETHANOL FWD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHICAGO BASIS SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
HOUSTON SHIP CHANNEL BAS	0	0	0.0%	0	118	-1	0	0	0.0%	61	1,030	-94.1%
NORTHWEST ROCKIES BASIS	0	0	0.0%	0	180	-1	0	0	0.0%	0	640	-100.0%
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	973	-100.0%	17,462	0	0	1,013	3,454	-70.7%	77,984	16	487,300.0%
HTG OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LTD NAT GAS	0	10	-100.0%	66,147	38,757	0.71	549	602	-8.8%	779,036	306,418	154.2%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Futures												
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	-	-
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%	2,079,784	1,940,148	0.07	0	570	-100.0%	25,995,413	18,263,041	42.3%
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%
NEW YORK 0.3% FUEL OIL HI	-	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Futures												
PJM NILL DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM AECO DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM DAYTON DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM BGE DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM BGE DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM DPL DA PEAK	0	0	0.0%	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%	0	0	0.0%
PJM EASTERNH DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM JCPL DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM JCPL DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PEPKO DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PEPKO 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%	0	0	0.0%
MICHCON NG INDEX SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
TENNESSEE 500 LEG NG SWIN	0	0	0.0%	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%	0	0	0.0%
JET FUEL CARGOES CIF NEW	0	0	0.0%	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%	0	0	0.0%
ULSD 10PPM CIF MED BALMO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Futures												
POLYETHYLENE FUTURES	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PERMIAN BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Tetco ELA Basis	0	-	-	0	-		0	-	-	0	-	-
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%	0	0	0	0	0	0.0%	0	0	0.0%
CINERGY HUB PEAK MONTH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	102	836	-87.8%	3,095,605	2,886,817	0.07	5,095	9,369	-45.6%	33,530,754	30,910,273	8.5%
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%	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%	10	14	-0.29	0	0	0.0%	98	119	-17.6%
WAHA BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY NATURAL GAS	0	0	0.0%	32,852	33,966	-0.03	0	132	-100.0%	330,199	397,450	-16.9%
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	265	-100.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Futures												
PJM NILL DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LA JET (OPIS) SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ULSD UP-DOWN BALMO SWP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET FUEL UP-DOWN BALMO C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JAPAN NAPHTHA BALMO SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY 3.0% FUEL OIL (PLATTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY 2.2% FUEL OIL (PLATTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ARGUS BIODIESEL RME FOB R	-	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%	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	-	-
NGPL STX NAT GAS INDEX SW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
COLUMB GULF MAINLINE NG B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENNESSEE 800 LEG NG BASI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TEXAS EAST W LOUISANA NG	-	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Futures												
CIN HUB 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL CONECTIC 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL CNCTCT 5MW D AH O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL MAINE 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE C 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL W CNTR M 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL MAINE 5MW D AH O E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIN HUB 5MW REAL TIME O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB PHY	7	1,055	-99.3%	3,116,202	2,538,973	0.23	3,174	9,721	-67.3%	37,034,838	31,314,650	18.3%
SING FUEL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ULSD UP-DOWN(ARGUS) SWA	-	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	31	-1	0	0	0.0%	0	31	-100.0%
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%	229,374	317,516	-0.28	0	0	0.0%	3,149,495	1,898,735	65.9%
NEW ENGLAND HUB PEAK DAI	0	-	-	0	-	-	0	-	-	0	-	-
ROCKIES KERN OPAL - NW IN	0	-	-	0	-	-	0	-	-	0	-	-
NATURAL GAS PHY	190	4,004	-95.3%	7,673,807	6,265,367	0.22	47,699	38,981	22.4%	78,544,181	70,958,605	10.7%
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	105	178	-41.0%	0	0	0.0%
HENRY HUB BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DEMARC INDEX FUTURE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Futures												
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	3,919	37,117	-89.4%	17,461,476	13,598,149	0.28	154,857	441,487	-64.9%	195,191,605	139,239,515	40.2%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0	12	109	-89.0%	2	0	0.0%
ISO NEW ENGLAND PK LMP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHICAGO ETHANOL SWAP	0	0	0.0%	195	102	0.91	0	0	0.0%	8,826	5,762	53.2%
NEW YORK ETHANOL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL BULLET SWAP	0	0	0.0%	0	0	0	0	0	0.0%	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%	0	0	0.0%
JET UP-DOWN(ARGUS) SWAP	-	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%	6	4	0.5	0	0	0.0%	57	51	11.8%
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	132	-100.0%	9	4	1.25	170	528	-67.8%	20	4	400.0%
LA JET FUEL VS NYM NO 2 H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ANR OKLAHOMA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MICHIGAN BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	246	-100.0%
Sumas Basis Swap	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	0	0	0.0%	0	0	0	0	0	0.0%	0	31	-100.0%
PGE&E CITYGATE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM MONTHLY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS VEN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Futures												
DOMINION TRANSMISSION INC	0	0	0.0%	0	62	-1	0	0	0.0%	0	518	-100.0%
TCO BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIG BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM DAILY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COLUMBIA GULF ONSHORE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Tetco STX Basis	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Transco Zone 3 Basis	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HENRY HUB SWING FUTURE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HENRY HUB INDEX SWAP FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WAHA INDEX SWAP FUTURE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST GASOLINE CLND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE NAPHTHA CALSWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL RDAM C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PANHANDLE BASIS SWAP FUT	0	0	0.0%	0	28	-1	0	0	0.0%	0	1,318	-100.0%
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%
LOS ANGELES CARB GASOLIN	-	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%	0	0	0.0%
MICHIGAN HUB OFF-PEAK MO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO 3.5% FUEL OIL SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO GASOIL 10 CAL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL TEXOK SWING SWAP	0	0	0.0%	0	0	0	0	0	0.0%	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%	21	0	0.0%
BRENT FINANCIAL FUTURES	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Futures												
WTI-BRENT CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DATED TO FRONTLINE BRENT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL CRACK SPREAD CALE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPEAN NAPHTHA CRACK S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO GASOIL 10PPM VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET CIF NWE VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET BARGES VS ICE GASOIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS PEN SWP	832	3,530	-76.4%	0	0	0	21,780	108,648	-80.0%	2	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%
TD5 WEST AFRICA TO USAC 1	-	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%	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	31	-1	0	0	0.0%	0	31	-100.0%
ANR LOUISIANA 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 DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Futures												
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%
TEXAS GAS ZONE SL BASIS S	-	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 A	0	0	0.0%	0	6	-1	0	0	0.0%	2	17	-88.2%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HENRY HUB SWAP	0	56	-100.0%	99,904	87,699	0.14	236	1,610	-85.3%	701,379	662,039	5.9%
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%
FAME 0 BIODIESEL FOB RTDM	-	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%	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%	0	0	0.0%
MISO 5MW OFF PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
IN DELIVERY MONTH EUA	0	0	0.0%	0	0	0	0	0	0.0%	1,212	13,171	-90.8%
OPIS PHYSICAL NORMAL BUT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
OPIS PHYSICAL NATURAL GAS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
DATED BRENT (PLATTS) DAILY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Futures												
PREM UNL GAS 10PPM RDAM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PREM UNL GAS 10PPM RDAM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE 5 DEC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	4	17	-0.76	0	0	0.0%	143	112	27.7%
EUROPEAN GASOIL (ICE)	0	0	0.0%	321,640	2,862	111.38	0	0	0.0%	740,183	6,040	12,154.7%
ERCOT NORTH ZMCP E 5MW O	0	-	-	0	-	-	0	-	-	0	-	-
ERCOT NORTH ZMCP E 5MW O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCP E 5MW P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ERCOT HOUSTON Z MCP E 5M	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SINGAPORE JET KERO VS. GA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE OPIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CONWAY NORMAL BUTANE (O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CONWAY PROPANE 5 DECIMA	0	0	0.0%	0	0	0	0	0	0.0%	20	5	300.0%
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%	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%
NYMEX ALUMINUM FUTURES	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF MED BALMO	0	-	-	0	-	-	0	-	-	0	-	-
RBOB CRACK SPREAD BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CARBON EUA EMISSIONS EUR	0	0	0.0%	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%	0	0	0.0%
EURO 3.5% FUEL OIL M CRK	0	0	0.0%	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	0	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Futures												
CHICAGO ULSD PL VS HO SPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GRP THREE UNL GS (PLT) VS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50 M	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL NEW HAMP 5MW D A	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM APS ZONE DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ANR LA NAT GAS INDEX SWAP	-	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	-	-
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	273	-100.0%
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%
DAILY EUA	-	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Futures												
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%
PETROLEUM PRODUCTS	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%
MGN1 SWAP FUT	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%
PJM ATSI ELEC	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%
NY HARBOR LOW SULPUR GA	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%
NATURAL GAS FIXED PRICE S	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%
MINI RBOB V. EBOBARG NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
VENTURA NAT GAS PLATTS FI	0	-	-	0	-		0	-	-	0	-	-
MGF FUT	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%
UCM FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CENTER POINT NAT GAS FIXE	0	-	-	0	-		0	-	-	0	-	-
SUMAS NAT GAS PLATTS FIXE	0	-	-	0	-		0	-	-	0	-	-
CHICAGO ULSD (PLATTS) SWA	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%
EMMISSIONS	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%
DY EURO 3.5% FUEL OI RDA	0	-	-	0	-		0	-	-	0	-	-
MJB FUT	0	-	-	0	-		0	-	-	0	-	-
GROUP THREE ULSD (PLATTS)	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Futures												
CANADIAN LIGHT SWEET OIL	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%	0	0	0.0%
COLUMBIA GULF NAT GAS FIX	0	-	-	0	-		0	-	-	0	-	-
ELEC ERCOT DLY OFF PK	0	-	-	0	-		0	-	-	0	-	-
NATURAL GAS INDEX	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%
EMC FUTURE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
TRANSCO ZONE 1 NAT GAS IN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
Energy Options												
ETHANOL FWD	-	0	0.0%	-	0	0	-	0	0.0%	-	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	-	-
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%
BRENT OIL LAST DAY	103	144	-28.5%	0	0	0	2,405	11,128	-78.4%	12	0	0.0%
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALEN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ROTTERDAM 3.5%FUEL OIL CL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL 180 CS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CINERGY HUB PEAK MONTH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NATURAL GAS 1MO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
HEATING OIL PHY	1,336	3,526	-62.1%	7,693	7,001	0.1	26,583	38,785	-31.5%	69,558	49,663	40.1%
N ILLINOIS HUB MTHLY	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
HENRY HUB FINANCIAL LAST	0	9	-100.0%	0	0	0	69	482	-85.7%	0	0	0.0%
RBOB PHY	521	4,527	-88.5%	8,045	4,866	0.65	16,178	52,392	-69.1%	79,334	74,211	6.9%
NATURAL GAS PHY	31,839	65,943	-51.7%	587,881	257,753	1.28	336,055	1,424,273	-76.4%	3,374,371	2,849,383	18.4%
CRUDE OIL APO	3	97	-96.9%	0	0	0	770	1,650	-53.3%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	0	0	0.0%	0	0	0	0	7,812	-100.0%	0	0	0.0%
NATURAL GAS 1 M CSO FIN	0	4,004	-100.0%	0	0	0	1,162	6,898	-83.2%	150	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Options												
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	166	0	0	3,000	0	0.0%	1,166	0	0.0%
CRUDE OIL PHY	59,029	287,375	-79.5%	2,577,459	2,395,787	0.08	1,264,445	3,423,022	-63.1%	27,436,214	19,809,141	38.5%
RBOB CALENDAR SWAP	15	0	0.0%	0	0	0	24	711	-96.6%	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%	0	0	0.0%
NY HARBOR HEAT OIL SWP	86	316	-72.8%	0	0	0	1,892	3,226	-41.4%	16	0	0.0%
PJM MONTHLY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	0	0	0	0	0	0.0%	2,000	0	0.0%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0	0	125	775	-83.9%	0	0	0.0%
CRUDE OIL 1MO	3,000	0	0.0%	3,525	3,100	0.14	7,600	0	0.0%	83,062	22,864	263.3%
WTI 6 MONTH CALENDAR OPTI	0	0	0.0%	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	-	-
IN DELIVERY MONTH EUA OPT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW PEAK OP	0	-	-	0	-	-	0	-	-	0	-	-
PETROCHEMICALS	0	0	0.0%	0	0	0	0	0	0.0%	41	65	-36.9%
NATURAL GAS SUMMER STRIF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS OPTION ON CA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC MISO PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPEAN JET KEROSENE N	0	0	0.0%	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	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%	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%
NATURAL GAS WINTER STRIP	-	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%
MCCLOSKEY ARA ARGS COAL	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 DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Energy Options												
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 CALENDAR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SHORT TERM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB CRACK SPREAD AVG P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NATURAL GAS 12 M CSO FIN	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%
EURO-DENOMINATED PETRO	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%
LLS CRUDE OIL	0	-	-	0	-		0	-	-	0	-	-
COAL API2 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	-	-
COAL API4 INDEX	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	-	-
PJM ELECTRIC	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%	0	0	0.0%
RBOB 6 MONTH CALENDAR SP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
FX Futures												
AUSTRALIAN DOLLAR	614	926	-33.7%	1,815,692	1,958,640	-0.07	6,678	13,333	-49.9%	23,250,237	22,384,111	3.9%
BRITISH POUND	64	16,449	-99.6%	1,974,198	1,946,892	0.01	10,969	62,683	-82.5%	24,032,475	24,234,655	-0.8%
BRAZIL REAL	0	0	0.0%	39,750	24,956	0.59	30	960	-96.9%	462,742	293,882	57.5%
CANADIAN DOLLAR	105	3,836	-97.3%	1,623,157	1,377,317	0.18	7,697	27,506	-72.0%	17,209,046	14,863,184	15.8%
E-MINI EURO FX	0	0	0.0%	129,115	88,958	0.45	0	0	0.0%	1,481,391	913,136	62.2%
EURO FX	2,570	20,233	-87.3%	6,030,794	5,369,417	0.12	59,091	92,757	-36.3%	65,025,744	51,149,142	27.1%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
FX Futures												
E-MINI JAPANESE YEN	0	0	0.0%	20,921	27,766	-0.25	0	0	0.0%	212,810	175,297	21.4%
JAPANESE YEN	73	6,823	-98.9%	3,055,780	4,559,198	-0.33	26,722	37,162	-28.1%	35,922,527	37,598,422	-4.5%
MEXICAN PESO	0	24,786	-100.0%	1,056,925	1,119,488	-0.06	120,694	264,765	-54.4%	10,707,354	9,748,711	9.8%
NEW ZEALND DOLLAR	0	250	-100.0%	429,943	441,849	-0.03	732	2,894	-74.7%	5,005,379	4,008,386	24.9%
NKR/USD CROSS RATE	0	0	0.0%	2,748	2,534	0.08	0	594	-100.0%	13,670	11,966	14.2%
RUSSIAN RUBLE	0	0	0.0%	24,773	25,553	-0.03	4	0	0.0%	198,667	221,089	-10.1%
S.AFRICAN RAND	0	0	0.0%	38,969	20,796	0.87	806	0	0.0%	208,772	88,211	136.7%
SWISS FRANC	0	744	-100.0%	596,240	1,125,405	-0.47	1,073	5,035	-78.7%	5,553,791	9,412,196	-41.0%
AD/CD CROSS RATES	0	0	0.0%	16	55	-0.71	0	0	0.0%	234	575	-59.3%
AD/JY CROSS RATES	0	0	0.0%	3,878	8,809	-0.56	0	0	0.0%	42,714	52,478	-18.6%
AD/NE CROSS RATES	0	0	0.0%	64	67	-0.04	0	0	0.0%	605	958	-36.8%
BP/JY CROSS RATES	0	0	0.0%	2,752	1,597	0.72	0	486	-100.0%	14,812	27,480	-46.1%
BP/SF CROSS RATES	0	0	0.0%	141	245	-0.42	0	0	0.0%	1,629	4,721	-65.5%
CD/JY CROSS RATES	0	0	0.0%	1	20	-0.95	0	0	0.0%	245	319	-23.2%
EC/AD CROSS RATES	0	0	0.0%	4,641	2,607	0.78	0	0	0.0%	23,178	10,992	110.9%
EC/CD CROSS RATES	0	0	0.0%	5,556	4,360	0.27	0	0	0.0%	30,594	36,292	-15.7%
EC/NOK CROSS RATES	0	16	-100.0%	8	16	-0.5	21	64	-67.2%	46	18	155.6%
EC/SEK CROSS RATES	0	16	-100.0%	114	57	1	0	352	-100.0%	798	237	236.7%
EFX/BP CROSS RATES	0	0	0.0%	109,358	83,703	0.31	0	0	0.0%	736,287	695,196	5.9%
EFX/JY CROSS RATES	0	0	0.0%	67,664	56,426	0.2	0	0	0.0%	526,916	514,211	2.5%
EFX/SF CROSS RATES	0	0	0.0%	64,949	91,231	-0.29	0	0	0.0%	380,423	411,341	-7.5%
SF/JY CROSS RATES	0	0	0.0%	0	0	0	0	0	0.0%	0	2	-100.0%
SKR/USD CROSS RATES	0	0	0.0%	2,885	1,747	0.65	20	56	-64.3%	15,096	9,638	56.6%
CZECK KORUNA (US)	0	0	0.0%	0	0	0	0	0	0.0%	0	15	-100.0%
CZECK KORUNA (EC)	0	0	0.0%	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%	2	2	0.0%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
POLISH ZLOTY (US)	0	0	0.0%	741	364	1.04	0	238	-100.0%	1,887	1,613	17.0%
POLISH ZLOTY (EC)	0	0	0.0%	2,242	2	1,120	0	98	-100.0%	2,244	8	27,950.0%
SHEKEL	0	0	0.0%	0	0	0	0	0	0.0%	6	30	-80.0%
RMB USD	0	0	0.0%	428	828	-0.48	0	0	0.0%	5,239	3,701	41.6%
RMB EURO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
KOREAN WON	0	0	0.0%	161	77	1.09	0	0	0.0%	460	292	57.5%
TURKISH LIRA	0	0	0.0%	0	14	-1	0	0	0.0%	26	224	-88.4%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
FX Futures												
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%	351,169	216,909	0.62	0	0	0.0%	4,325,807	1,969,393	119.7%
E-MICRO GBP/USD	0	0	0.0%	31,755	32,335	-0.02	0	0	0.0%	488,050	362,251	34.7%
E-MICRO USD/CAD	0	0	0.0%	0	0	0	0	0	0.0%	12	2	500.0%
E-MICRO USD/CHF	0	0	0.0%	4	0	0	0	0	0.0%	9	6	50.0%
E-MICRO USD/JPY	0	0	0.0%	10	21	-0.52	0	0	0.0%	113	119	-5.0%
E-MICRO AUD/USD	0	0	0.0%	51,043	52,141	-0.02	0	0	0.0%	652,469	519,173	25.7%
MICRO CHF/USD	0	0	0.0%	2,385	4,719	-0.49	0	0	0.0%	28,110	48,379	-41.9%
INDIAN RUPEE	0	0	0.0%	7,061	455	14.52	0	0	0.0%	130,396	8,797	1,382.3%
E-MICRO JPY/USD	0	0	0.0%	8,918	27,511	-0.68	0	0	0.0%	150,355	164,040	-8.3%
E-MICRO CAD/USD	0	0	0.0%	14,083	13,366	0.05	0	0	0.0%	158,108	177,522	-10.9%
USDZAR	0	0	0.0%	31	0	0	0	0	0.0%	580	1,226	-52.7%
E-MICRO USD/CNH	0	0	0.0%	43	14	2.07	0	0	0.0%	367	297	23.6%
CHINESE RENMINBI (CNH)	0	0	0.0%	1,402	454	2.09	0	0	0.0%	12,267	6,291	95.0%
EURO QUARTERLY VARIANCE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
E-MICRO INR/USD	0	0	0.0%	72	2,258	-0.97	0	0	0.0%	2,576	39,444	-93.5%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
FX Options												
AUSTRALIAN DOLLAR	2,963	2,234	32.6%	98,737	126,049	-0.22	28,124	102,368	-72.5%	1,496,198	1,461,165	2.4%
BRITISH POUND	5,626	8,648	-34.9%	148,353	192,106	-0.23	117,428	217,828	-46.1%	2,444,717	2,815,586	-13.2%
BRAZIL REAL	0	0	0.0%	0	0	0	0	0	0.0%	0	10	-100.0%
CANADIAN DOLLAR	6,524	2,199	196.7%	141,631	98,351	0.44	32,546	90,521	-64.0%	1,374,993	1,309,648	5.0%
EURO FX	19,746	40,714	-51.5%	966,245	969,904	0	320,455	641,848	-50.1%	12,005,976	6,984,658	71.9%
JAPANESE YEN	6,639	21,799	-69.5%	218,684	306,962	-0.29	130,902	333,061	-60.7%	2,731,642	2,662,451	2.6%
MEXICAN PESO	100	200	-50.0%	1,767	3,016	-0.41	3,460	2,911	18.9%	14,164	6,898	105.3%
NEW ZEALND DOLLAR	0	0	0.0%	0	5	-1	0	0	0.0%	13	753	-98.3%
RUSSIAN RUBLE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SWISS FRANC	1,722	1,350	27.6%	7,519	41,998	-0.82	6,568	6,194	6.0%	164,470	290,750	-43.4%
EFX/JY CROSS RATES	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EFX/SF CROSS RATES	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
JAPANESE YEN (EU)	0	0	0.0%	180	781	-0.77	3	100	-97.0%	4,512	11,567	-61.0%
EURO FX (EU)	0	0	0.0%	3,588	4,168	-0.14	5	12	-58.3%	57,874	90,695	-36.2%
SWISS FRANC (EU)	0	0	0.0%	0	6	-1	0	0	0.0%	0	1,798	-100.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	149	163	-0.09	0	0	0.0%	1,588	6,303	-74.8%
BRITISH POUND (EU)	0	0	0.0%	1,148	510	1.25	2	1	100.0%	7,682	9,716	-20.9%
AUSTRALIAN DLR (EU)	0	0	0.0%	24	380	-0.94	0	0	0.0%	1,291	3,292	-60.8%
Commodities and Alternative Investments												
Futures												
CORN	9,653	91,679	-89.5%	4,179,653	3,892,331	0.07	1,202,647	1,628,320	-26.1%	78,847,367	65,010,269	21.3%
SOYBEAN	28,123	64,434	-56.4%	4,722,896	4,092,157	0.15	629,022	850,535	-26.0%	51,057,901	46,319,184	10.2%
SOYBEAN MEAL	5,294	15,301	-65.4%	2,026,373	1,540,408	0.32	169,367	311,794	-45.7%	23,139,960	19,418,261	19.2%
SOYBEAN OIL	7,020	28,641	-75.5%	2,856,630	2,038,245	0.4	150,586	266,083	-43.4%	28,059,532	22,863,935	22.7%
OATS	0	15	-100.0%	11,102	6,592	0.68	568	1,396	-59.3%	173,338	181,210	-4.3%
ROUGH RICE	0	341	-100.0%	38,625	26,488	0.46	1,003	1,722	-41.8%	308,169	221,285	39.3%
WHEAT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MINI CORN	0	287	-100.0%	7,290	14,179	-0.49	1,409	5,751	-75.5%	131,074	166,367	-21.2%
MINI SOYBEAN	0	1,109	-100.0%	15,610	29,271	-0.47	3,129	12,685	-75.3%	225,943	303,762	-25.6%
MINI WHEAT	0	151	-100.0%	4,457	9,500	-0.53	489	2,214	-77.9%	82,486	98,896	-16.6%
LIVE CATTLE	5,333	75,561	-92.9%	1,168,122	932,716	0.25	406,665	1,439,078	-71.7%	13,014,621	12,114,811	7.4%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Commodities and Alternative Investments												
Futures												
FEEDER CATTLE	25	11,564	-99.8%	230,716	205,108	0.12	42,769	147,465	-71.0%	2,450,250	1,968,715	24.5%
LEAN HOGS	2,988	48,959	-93.9%	563,371	545,415	0.03	320,838	948,919	-66.2%	9,246,203	9,693,337	-4.6%
LUMBER	0	760	-100.0%	15,992	12,553	0.27	1,357	9,545	-85.8%	198,965	149,521	33.1%
MILK	21	1,278	-98.4%	24,826	41,468	-0.4	3,249	10,131	-67.9%	271,143	345,857	-21.6%
MLK MID	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NFD MILK	22	7	214.3%	5,915	1,978	1.99	421	274	53.6%	48,788	28,051	73.9%
BUTTER CS	0	0	0.0%	2,848	3,663	-0.22	0	0	0.0%	30,749	34,715	-11.4%
CLASS IV MILK	0	42	-100.0%	1,738	770	1.26	149	3,309	-95.5%	11,650	21,063	-44.7%
DRY WHEY	0	0	0.0%	2,766	3,120	-0.11	0	0	0.0%	21,126	17,772	18.9%
GSCI EXCESS RETURN FUT	0	0	0.0%	6,438	120	52.65	0	0	0.0%	6,693	386	1,633.9%
GOLDMAN SACHS	0	1,847	-100.0%	33,549	23,931	0.4	6,135	26,730	-77.0%	348,431	247,228	40.9%
ETHANOL	0	0	0.0%	12,893	16,678	-0.23	0	0	0.0%	186,429	237,447	-21.5%
HDD WEATHER	0	0	0.0%	25	2	11.5	0	0	0.0%	1,377	1,519	-9.3%
CDD WEATHER	0	0	0.0%	0	0	0	0	0	0.0%	260	30	766.7%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	202	300	-32.7%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	54	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0	0	0	0.0%	50	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%
CAT EURO SEASONAL STRIP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
WKLY AVG TEMP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HOUSING INDEX	0	0	0.0%	10	5	1	0	0	0.0%	93	133	-30.1%
DOW-UBS COMMOD INDEX	0	0	0.0%	60,615	36,185	0.68	0	0	0.0%	369,468	255,163	44.8%
COTTON	0	0	0.0%	15	9	0.67	0	0	0.0%	585	737	-20.6%
COCOA TAS	0	0	0.0%	125	27	3.63	0	0	0.0%	1,816	317	472.9%
COFFEE	0	0	0.0%	14	90	-0.84	0	0	0.0%	635	427	48.7%
SUGAR 11	0	0	0.0%	218	68	2.21	0	0	0.0%	1,570	760	106.6%
USD CRUDE PALM OIL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CASH-SETTLED CHEESE	0	0	0.0%	18,073	17,624	0.03	0	150	-100.0%	119,851	78,522	52.6%
OTC SP GSCI ER SWAP	0	0	0.0%	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%	0	0	0.0%
GRAIN BASIS SWAPS	0	0	0.0%	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	8,689	27,668	-68.6%	1,588,590	1,921,994	-0.17	315,479	369,309	-14.6%	30,529,844	25,217,510	21.1%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Commodities and Alternative Investments												
Futures												
KC WHEAT	264	327	-19.3%	367,152	416,993	-0.12	21,513	28,224	-23.8%	7,087,281	5,573,135	27.2%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0	0	0	0.0%	6	420	-98.6%
Intercommodity Spread	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%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WHEAT HRW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
Commodities and Alternative Investments												
Options												
CORN	316,986	502,554	-36.9%	711,731	700,831	0.02	9,394,526	9,226,572	1.8%	14,398,133	11,754,491	22.5%
SOYBEAN	363,141	472,943	-23.2%	1,042,180	727,543	0.43	6,374,764	7,581,669	-15.9%	12,278,716	10,325,625	18.9%
SOYBEAN MEAL	84,560	92,904	-9.0%	119,913	88,772	0.35	1,163,879	1,331,329	-12.6%	1,739,636	1,250,696	39.1%
SOYBEAN OIL	189,037	83,615	126.1%	134,942	38,684	2.49	1,357,009	1,304,125	4.1%	802,093	435,515	84.2%
SOYBEAN CRUSH	610	80	662.5%	0	0	0	2,712	2,984	-9.1%	0	0	0.0%
OATS	789	548	44.0%	456	104	3.38	14,155	14,944	-5.3%	6,780	10,066	-32.6%
ROUGH RICE	552	1,197	-53.9%	2,052	348	4.9	6,579	7,251	-9.3%	16,621	7,920	109.9%
WHEAT	100	375	-73.3%	0	0	0	610	375	62.7%	50	0	0.0%
LIVE CATTLE	180,162	108,568	65.9%	293,330	232,936	0.26	1,375,751	1,120,918	22.7%	2,597,550	2,920,294	-11.1%
FEEDER CATTLE	6,357	12,984	-51.0%	39,218	37,023	0.06	47,263	49,823	-5.1%	389,939	325,531	19.8%
LEAN HOGS	50,870	27,620	84.2%	177,849	150,507	0.18	688,880	663,862	3.8%	2,148,759	2,442,966	-12.0%
LUMBER	0	26	-100.0%	965	970	-0.01	18	115	-84.3%	13,287	13,776	-3.5%
MILK	10,607	16,630	-36.2%	11,980	16,948	-0.29	119,824	219,902	-45.5%	145,590	142,031	2.5%
MLK MID	62	164	-62.2%	0	0	0	533	1,349	-60.5%	0	0	0.0%
NFD MILK	3,132	985	218.0%	606	241	1.51	39,743	15,198	161.5%	5,739	1,141	403.0%
BUTTER CS	474	1,303	-63.6%	111	174	-0.36	10,095	10,844	-6.9%	2,125	1,176	80.7%
CLASS IV MILK	285	1,061	-73.1%	312	218	0.43	5,667	15,787	-64.1%	2,779	4,947	-43.8%
DRY WHEY	105	273	-61.5%	0	0	0	2,657	4,523	-41.3%	316	0	0.0%
HDD WEATHER	0	0	0.0%	0	0	0	0	75	-100.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	80	-100.0%	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Commodities and Alternative Investments												
Options												
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CAT EURO SEASONAL STRIP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
HOUSING INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	35	-100.0%
CORN NEARBY+2 CAL SPRD	1,795	4,117	-56.4%	1	107	-0.99	50,441	87,364	-42.3%	2,179	1,740	25.2%
SOYBN NEARBY+2 CAL SPRD	0	300	-100.0%	0	0	0	280	8,351	-96.6%	0	112	-100.0%
WHEAT NEARBY+2 CAL SPRD	4,400	4,387	0.3%	15	0	0	129,447	62,141	108.3%	5,844	1,820	221.1%
JULY-DEC CORN CAL SPRD	3,585	1,080	231.9%	102	0	0	35,232	88,763	-60.3%	929	1,204	-22.8%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0	35	1,230	-97.2%	0	0	0.0%
JULY-NOV SOYBEAN CAL SPR	69	959	-92.8%	0	7	-1	37,037	57,512	-35.6%	198	54	266.7%
JULY-DEC WHEAT CAL SPRD	2,975	0	0.0%	0	0	0	13,379	6,058	120.8%	2,292	58	3,851.7%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0	0	643	-100.0%	0	42	-100.0%
NOV-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0	272	0	0.0%	0	0	0.0%
SBIN M HURR EVENT2	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SOYMEAL NEARBY+2 CAL SPR	0	100	-100.0%	0	0	0	300	210	42.9%	0	0	0.0%
LV CATL CSO	0	100	-100.0%	0	0	0	81	572	-85.8%	0	0	0.0%
SBIN HURR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JULY-DEC SOYMEAL CAL SPR	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0	45	255	-82.4%	0	0	0.0%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0	68	991	-93.1%	0	0	0.0%
SOY OIL NEARBY+2 CAL SPRD	0	55	-100.0%	0	0	0	75	2,466	-97.0%	0	30	-100.0%
CASH-SETTLED CHEESE	8,606	4,963	73.4%	3,460	1,537	1.25	59,448	33,733	76.2%	20,576	5,237	292.9%
DEC-JULY CORN CAL SPRD	0	0	0.0%	0	0	0	9,610	1,010	851.5%	460	0	0.0%
WHEAT-CORN IC SO	3,490	6,600	-47.1%	0	0	0	19,100	14,310	33.5%	0	0	0.0%
DEC-DEC CORN CAL SPRD	0	209	-100.0%	0	0	0	4,240	2,762	53.5%	0	25	-100.0%
SNOWFALL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SOYBEAN CORN RATIO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0	0	3,997	-100.0%	0	0	0.0%
LN HOGS CSO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	0	0	0.0%	0	0	0	0	400	-100.0%	0	0	0.0%
MAR-JULY CORN CAL SPRD	2,469	300	723.0%	0	0	0	2,769	500	453.8%	0	0	0.0%
CHI WHEAT	99,475	355,187	-72.0%	303,213	343,612	-0.12	3,096,414	2,846,027	8.8%	4,259,939	3,215,554	32.5%
KC WHEAT	8,059	33,392	-75.9%	6,555	14,564	-0.55	315,545	281,230	12.2%	145,724	160,139	-9.0%
MAR-JULY WHEAT CAL SPRD	4,755	0	0.0%	0	0	0	12,065	435	2,673.6%	11	0	0.0%
MAR-DEC CORN CAL SPRD	0	4,075	-100.0%	0	0	0	5,430	4,135	31.3%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
Commodities and Alternative Investments												
Options												
Intercommodity Spread	0	0	0.0%	0	0	0	959	20	4,695.0%	0	0	0.0%
NOV-DEC SOYBEAN CSO	0	0	0.0%	0	0	0	0	690	-100.0%	0	0	0.0%
MAY-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%
SEP-DEC SOYBEAN MEAL CSC	0	-	-	0	-		1,050	-	-	10	-	-
DEC-JUL SOYBEAN OIL CSO	0	0	0.0%	0	0	0	0	235	-100.0%	0	0	0.0%
WHEAT HRW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
Foreign Exchange Futures												
CHILEAN PESO	0	0	0.0%	2	30	-0.93	0	0	0.0%	73	40	82.5%
Ags Futures												
PALM OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TOTAL FUTURES GROUP												
Interest Rate Futures	834,000	1,122,178	-25.7%	87,474,070	109,954,470	-20.4%	13,362,303	20,482,552	-34.8%	1,265,532,169	1,342,920,729	-5.8%
Equity Index Futures	249,219	427,605	-41.7%	55,481,237	53,945,207	2.8%	1,788,088	2,480,719	-27.9%	559,946,329	561,680,834	-0.3%
Metals Futures	6,307	59,510	-89.4%	4,982,811	5,395,669	-7.7%	655,538	989,129	-33.7%	74,238,895	70,465,950	5.4%
Energy Futures	5,050	47,713	-89.4%	34,194,477	27,710,851	23.4%	234,690	615,389	-61.9%	376,085,531	293,980,406	27.9%
FX Futures	3,426	74,079	-95.4%	17,572,580	18,691,177	-6.0%	234,537	508,983	-53.9%	197,017,265	180,169,671	9.4%
Commodities and Alternative Inve	67,432	369,971	-81.8%	17,966,647	15,829,688	13.5%	3,276,795	6,063,634	-46.0%	245,973,910	210,571,045	16.8%
Foreign Exchange Futures	0	0	0.0%	2	30	-93.3%	0	0	0.0%	73	40	82.5%
Ags Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TOTAL FUTURES	1,165,434	2,101,056	-44.5%	217,671,824	231,527,092	-6.0%	19,551,951	31,140,406	-37.2%	2,718,794,172	2,659,788,675	2.2%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2015	Open Outcry DEC 2014	% CHG	ELEC DEC 2015	ELEC DEC 2014	% CHG	Open Outcry Y.T.D 2015	Open Outcry Y.T.D 2014	% CHG	ELEC Y.T.D 2015	ELEC Y.T.D 2014	% CHG
TOTAL OPTIONS GROUP												
Equity Index Options	1,076,871	1,105,780	-2.6%	10,995,616	11,910,504	-7.7%	11,949,237	11,440,207	4.4%	128,340,692	118,716,118	8.1%
Interest Rate Options	19,393,395	19,405,718	-0.1%	12,109,513	10,687,458	13.3%	228,831,893	220,137,984	3.9%	138,569,793	118,330,251	17.1%
Metals Options	70,790	141,186	-49.9%	420,139	489,177	-14.1%	1,166,945	2,306,684	-49.4%	6,088,860	6,218,138	-2.1%
Energy Options	95,932	365,941	-73.8%	3,184,769	2,668,507	19.3%	1,660,308	4,971,154	-66.6%	31,045,924	22,805,327	36.1%
FX Options	43,320	77,144	-43.8%	1,588,025	1,744,399	-9.0%	639,493	1,394,844	-54.2%	20,305,120	15,655,290	29.7%
Commodities and Alternative Inve	1,347,507	1,739,654	-22.5%	2,848,991	2,355,126	21.0%	24,397,987	25,078,020	-2.7%	38,986,275	33,022,225	18.1%
TOTAL OPTIONS	22,027,815	22,835,423	-3.5%	31,147,053	29,855,171	4.3%	268,645,863	265,328,893	1.3%	363,336,664	314,747,349	15.4%
TOTAL COMBINED												
Interest Rate	20,227,395	20,527,896	-1.5%	99,583,583	120,641,928	-17.5%	242,194,196	240,620,536	0.7%	1,404,101,962	1,461,250,980	-3.9%
Equity Index	1,326,090	1,533,385	-13.5%	66,476,853	65,855,711	0.9%	13,737,325	13,920,926	-1.3%	688,287,021	680,396,952	1.2%
Metals	77,097	200,696	-61.6%	5,402,950	5,884,846	-8.2%	1,822,483	3,295,813	-44.7%	80,327,755	76,684,088	4.8%
Energy	100,982	413,654	-75.6%	37,379,246	30,379,358	23.0%	1,894,998	5,586,543	-66.1%	407,131,455	316,785,733	28.5%
FX	46,746	151,223	-69.1%	19,160,605	20,435,576	-6.2%	874,030	1,903,827	-54.1%	217,322,385	195,824,961	11.0%
Commodities and Alternative Inve	1,414,939	2,109,625	-32.9%	20,815,638	18,184,814	14.5%	27,674,782	31,141,654	-11.1%	284,960,185	243,593,270	17.0%
Foreign Exchange	0	0	0.0%	2	30	-93.3%	0	0	0.0%	73	40	82.5%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GRAND TOTAL	23,193,249	24,936,479	-7.0%	248,818,877	261,382,263	-4.8%	288,197,814	296,469,299	-2.8%	3,082,130,836	2,974,536,024	3.6%

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