



CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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	23,341	277,657	-91.6%	5,485,579	7,386,855	-0.26	784,185	1,769,080	-55.7%	64,744,365	83,066,080	-22.1%
10-YR NOTE	115,120	827,515	-86.1%	27,721,733	26,636,821	0.04	3,047,135	4,555,409	-33.1%	296,990,441	303,568,186	-2.2%
5-YR NOTE	18,735	726,100	-97.4%	19,492,526	14,492,856	0.34	1,704,599	3,738,203	-54.4%	168,986,669	169,808,791	-0.5%
2-YR NOTE	1,713	521,315	-99.7%	7,623,356	7,768,070	-0.02	895,575	1,610,390	-44.4%	73,317,970	59,939,001	22.3%
FED FUND	0	68	-100.0%	1,322,870	649,733	1.04	8,456	374	2,161.0%	17,806,854	6,754,749	163.6%
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	540,507	414,256	30.5%	38,469,649	33,935,964	0.13	5,661,394	6,778,568	-16.5%	529,464,044	586,892,748	-9.8%
5-YR SWAP RATE	0	205	-100.0%	34,647	25,547	0.36	0	7,475	-100.0%	570,291	608,521	-6.3%
2-YR SWAP RATE	0	0	0.0%	559	5,761	-0.9	35	58	-39.7%	26,120	92,492	-71.8%
10-YR SWAP RATE	0	110	-100.0%	31,405	26,128	0.2	2,652	21,307	-87.6%	546,010	459,406	18.9%
EMINI ED	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
7-YR SWAP	0	-	-	2,451	-	-	0	-	-	3,855	-	-
30-YR SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
1-MONTH EURODOLLAR	0	0	0.0%	7,115	690	9.31	0	0	0.0%	55,964	18,553	201.6%
ULTRA T-BOND	0	198,393	-100.0%	3,005,664	2,311,268	0.3	424,211	879,146	-51.7%	25,513,815	21,712,706	17.5%
EURO BONDS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
30-YR SWAP RATE	0	0	0.0%	727	1,993	-0.64	61	364	-83.2%	30,900	43,071	-28.3%
2YR BUNDLE	0	0	0.0%	0	177	-1	0	0	0.0%	595	1,113	-46.5%
EURO 5YR BUNDLE	0	0	0.0%	0	0	0	0	0	0.0%	38	116	-67.2%
3YR BUNDLE	0	0	0.0%	0	56	-1	0	0	0.0%	168	725	-76.8%

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Interest Rate Options												
30-YR BOND	238,728	214,930	11.1%	1,023,904	596,392	0.72	5,290,812	3,944,045	34.1%	14,243,256	10,990,430	29.6%
10-YR NOTE	2,059,416	2,066,835	-0.4%	3,641,964	4,558,780	-0.2	32,996,224	33,621,315	-1.9%	56,867,775	56,180,166	1.2%
5-YR NOTE	804,013	571,854	40.6%	1,411,222	835,981	0.69	6,961,530	10,377,221	-32.9%	12,814,742	14,066,824	-8.9%
2-YR NOTE	86,294	75,678	14.0%	90,887	143,929	-0.37	956,546	1,023,652	-6.6%	1,345,469	1,084,213	24.1%
FED FUND	26,900	2,468	990.0%	9	52	-0.83	308,616	22,698	1,259.7%	26,600	1,634	1,527.9%
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	6,002,281	2,973,834	101.8%	1,750,229	377,558	3.64	76,201,196	31,749,360	140.0%	16,520,989	5,314,419	210.9%
EURO MIDCURVE	8,168,168	5,921,204	37.9%	3,170,582	1,361,387	1.33	86,676,279	119,909,848	-27.7%	24,588,153	19,962,989	23.2%
ULTRA T-BOND	2,433	972	150.3%	1,047	3,085	-0.66	47,295	80,927	-41.6%	53,296	42,118	26.5%

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Equity Index Futures												
\$25 DJ	0	0	0.0%	0	0	0	0	0	0.0%	0	95	-100.0%
DJIA	0	330	-100.0%	0	654	-1	10,422	41,268	-74.7%	1,413	11,522	-87.7%
MINI \$5 DOW	0	0	0.0%	2,547,767	1,954,841	0.3	0	0	0.0%	36,802,582	35,477,704	3.7%
E-MINI S&P500	0	0	0.0%	28,574,323	22,169,379	0.29	0	0	0.0%	385,673,807	383,669,841	0.5%
S&P 500	72,355	95,822	-24.5%	13,421	15,602	-0.14	1,505,345	1,929,856	-22.0%	189,633	224,782	-15.6%
S&P 600 SMALLCAP EMINI	0	0	0.0%	1	0	0	0	0	0.0%	1	57	-98.2%
E-MINI MIDCAP	0	0	0.0%	317,887	242,570	0.31	0	0	0.0%	4,650,977	4,683,465	-0.7%
S&P 400 MIDCAP	0	0	0.0%	0	0	0	39	1,145	-96.6%	0	0	0.0%
S&P 500 GROWTH	0	0	0.0%	15	9	0.67	0	0	0.0%	347	633	-45.2%
S&P 500/VALUE	0	0	0.0%	193	6	31.17	0	0	0.0%	487	1,202	-59.5%
E-MINI RUSSELL 1000	0	-	-	629	-	-	0	-	-	785	-	-
E-MINI NASDAQ 100	0	0	0.0%	4,382,438	4,013,736	0.09	0	0	0.0%	60,628,928	68,184,671	-11.1%
NASDAQ	0	3,555	-100.0%	0	698	-1	23,063	80,795	-71.5%	2,120	10,409	-79.6%
NIKKEI 225 (\$) STOCK	0	0	0.0%	209,405	391,610	-0.47	0	50	-100.0%	3,818,862	4,240,212	-9.9%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	876,705	1,081,429	-0.19	0	0	0.0%	12,079,376	10,837,255	11.5%
DJ US REAL ESTATE	0	0	0.0%	8,994	7,104	0.27	0	0	0.0%	105,385	72,462	45.4%
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%	1,587	1,850	-0.14	0	0	0.0%	37,404	31,238	19.7%
S&P HEALTH CARE SECTOR	0	0	0.0%	9,547	4,273	1.23	0	0	0.0%	105,647	33,356	216.7%
S&P TECHNOLOGY SECTOR	0	0	0.0%	2,636	1,420	0.86	0	0	0.0%	30,173	24,761	21.9%
S&P INDUSTRIAL SECTOR	0	0	0.0%	3,576	1,324	1.7	0	0	0.0%	30,407	18,796	61.8%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	5,791	1,129	4.13	0	0	0.0%	63,151	22,952	175.1%
S&P UTILITIES SECTOR	0	0	0.0%	7,746	9,407	-0.18	0	0	0.0%	96,161	61,215	57.1%
S&P FINANCIAL SECTOR	0	0	0.0%	3,399	957	2.55	0	0	0.0%	28,106	21,667	29.7%
S&P ENERGY SECTOR	0	0	0.0%	9,464	8,496	0.11	0	0	0.0%	76,087	81,763	-6.9%
S&P MATERIALS SECTOR	0	0	0.0%	2,825	3,129	-0.1	0	0	0.0%	34,245	21,532	59.0%
IBOVESPA INDEX	0	0	0.0%	282	257	0.1	0	0	0.0%	4,455	4,037	10.4%
FT-SE 100	0	-	-	1,374	-	-	0	-	-	2,555	-	-
E-MINI RUSSELL 1000 GROWT	0	-	-	369	-	-	0	-	-	455	-	-
E-MINI RUSSELL 1000 VALUE	0	-	-	437	-	-	0	-	-	525	-	-

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Equity Index Options												
DJIA	0	8	-100.0%	0	0	0	32	502	-93.6%	0	0	0.0%
MINI \$5 DOW	0	0	0.0%	11,906	11,793	0.01	0	0	0.0%	128,290	132,117	-2.9%
E-MINI S&P500	33,135	56,230	-41.1%	5,710,189	4,860,444	0.17	226,100	304,835	-25.8%	70,911,217	66,626,323	6.4%
S&P 500	612,742	649,377	-5.6%	0	17	-1	8,234,316	7,851,446	4.9%	106	126	-15.9%
E-MINI MIDCAP	0	0	0.0%	7	18	-0.61	0	0	0.0%	37	912	-95.9%
E-MINI NASDAQ 100	0	0	0.0%	160,865	169,148	-0.05	0	0	0.0%	1,321,028	2,953,845	-55.3%
NASDAQ	0	22	-100.0%	0	0	0	30	241	-87.6%	0	0	0.0%
EOM S&P 500	100,567	86,508	16.3%	0	0	0	1,178,713	877,970	34.3%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	656,907	1,007,902	-0.35	1,500	0	0.0%	11,992,306	10,478,982	14.4%
EOW1 S&P 500	45,466	66,701	-31.8%	0	0	0	374,674	489,490	-23.5%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	1,016,657	1,047,267	-0.03	3,000	0	0.0%	10,953,932	9,280,926	18.0%
EOW2 S&P 500	87,264	29,555	195.3%	0	0	0	849,501	809,943	4.9%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	954,863	635,795	0.5	0	0	0.0%	11,263,488	9,214,283	22.2%
EOW4 EMINI S&P 500	0	0	0.0%	632,307	34,751	17.2	4,500	0	0.0%	10,774,672	8,118,100	32.7%

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Metals Futures												
COMEX GOLD	8,340	56,618	-85.3%	3,791,390	4,455,724	-0.15	307,222	430,720	-28.7%	36,765,877	35,112,291	4.7%
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%	6,330	6,065	0.04	0	0	0.0%	62,522	44,350	41.0%
COMEX MINY COPPER	0	0	0.0%	770	1,106	-0.3	0	0	0.0%	8,788	10,777	-18.5%
COMEX MINY SILVER	0	0	0.0%	787	1,118	-0.3	0	0	0.0%	9,300	11,462	-18.9%
COMEX SILVER	947	15,889	-94.0%	1,239,219	1,380,829	-0.1	80,493	119,122	-32.4%	12,110,138	12,246,520	-1.1%
COMEX COPPER	0	43,996	-100.0%	1,814,153	1,404,857	0.29	260,899	374,516	-30.3%	15,521,047	13,217,453	17.4%
NYMEX HOT ROLLED STEEL	0	0	0.0%	0	752	-1	0	0	0.0%	1,234	3,723	-66.9%
NYMEX PLATINUM	0	0	0.0%	249,496	200,931	0.24	235	3,824	-93.9%	3,079,408	2,669,575	15.4%
URANIUM	0	0	0.0%	0	186	-1	0	0	0.0%	1,950	923	111.3%
PALLADIUM	3	48	-93.8%	149,265	152,866	-0.02	382	1,437	-73.4%	1,198,799	1,364,775	-12.2%
E-MICRO GOLD	0	0	0.0%	42,679	32,660	0.31	0	0	0.0%	355,839	246,644	44.3%
SILVER	0	0	0.0%	6,053	13,179	-0.54	0	0	0.0%	85,365	130,986	-34.8%
GOLD	0	-	-	5,519	-	-	0	-	-	43,740	-	-
ALUMINUM	0	0	0.0%	793	648	0.22	0	0	0.0%	4,208	5,521	-23.8%
COPPER	0	0	0.0%	0	0	0	0	0	0.0%	1	0	0.0%
Aluminium MW Trans Prem Platts	0	0	0.0%	574	367	0.56	0	0	0.0%	6,581	4,426	48.7%
LNDN ZINC	0	-	-	48	-	-	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%	590	60	8.83	0	0	0.0%	893	810	10.2%
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	-	-

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Metals Options												
COMEX GOLD	64,271	159,040	-59.6%	436,926	535,329	-0.18	945,843	1,831,173	-48.3%	4,707,371	4,503,545	4.5%
COMEX SILVER	8,147	23,700	-65.6%	68,718	145,926	-0.53	135,002	312,567	-56.8%	916,478	1,172,920	-21.9%
COMEX COPPER	408	126	223.8%	3,971	1,377	1.88	8,495	3,789	124.2%	17,172	16,465	4.3%
NYMEX PLATINUM	4	425	-99.1%	962	593	0.62	2,261	14,699	-84.6%	6,340	6,694	-5.3%
PALLADIUM	14	210	-93.3%	296	650	-0.54	1,216	1,968	-38.2%	3,242	5,185	-37.5%
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%
SILVER	0	0	0.0%	4	588	-0.99	10	167	-94.0%	1,146	4,102	-72.1%
GOLD	775	90	761.1%	1,148	1,914	-0.4	3,328	995	234.5%	16,962	20,050	-15.4%
COPPER	0	-	-	0	-		0	-	-	10	-	-
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%	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 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	124	-1	0	0	0.0%	61	912	-93.3%
NORTHWEST ROCKIES BASIS	0	0	0.0%	0	124	-1	0	0	0.0%	0	460	-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	490	-100.0%	13,216	0	0	1,013	2,481	-59.2%	60,522	16	378,162.5%
HTG OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LTD NAT GAS	0	0	0.0%	63,003	33,280	0.89	549	592	-7.3%	712,889	267,661	166.3%
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 NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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%	1,858,201	1,794,240	0.04	0	570	-100.0%	23,915,629	16,322,893	46.5%
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 NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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 NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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	107	691	-84.5%	2,467,343	2,850,314	-0.13	4,993	8,533	-41.5%	30,435,149	28,023,456	8.6%
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%	7	7	0	0	0	0.0%	88	105	-16.2%
WAHA BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY NATURAL GAS	0	0	0.0%	28,820	43,145	-0.33	0	132	-100.0%	297,347	363,484	-18.2%
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	265	-100.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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

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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	11	450	-97.6%	2,926,576	2,486,959	0.18	3,167	8,666	-63.5%	33,918,636	28,775,677	17.9%
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	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%	175,396	212,194	-0.17	0	0	0.0%	2,920,121	1,581,219	84.7%
NEW ENGLAND HUB PEAK DAI	0	-	-	0	-	-	0	-	-	0	-	-
ROCKIES KERN OPAL - NW IN	0	-	-	0	-	-	0	-	-	0	-	-
NATURAL GAS PHY	2,115	2,319	-8.8%	6,043,284	7,676,271	-0.21	47,509	34,977	35.8%	70,870,374	64,693,238	9.5%
APPALACHIAN COAL (PHY)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI CALENDAR	0	0	0.0%	0	0	0	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 NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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	14,728	30,009	-50.9%	15,588,602	11,774,707	0.32	150,938	404,370	-62.7%	177,730,129	125,641,366	41.5%
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%	380	217	0.75	0	0	0.0%	8,631	5,660	52.5%
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%	4	5	-0.2	0	0	0.0%	51	47	8.5%
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	159	-100.0%	0	0	0	170	396	-57.1%	11	0	0.0%
LA JET FUEL VS NYM NO 2 H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ANR OKLAHOMA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MICHIGAN BASIS	0	0	0.0%	0	31	-1	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 NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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	456	-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	279	-1	0	0	0.0%	0	1,290	-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 NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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	0	6,304	-100.0%	2	0	0	20,948	105,118	-80.1%	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	0	0	0	0	0.0%	0	0	0.0%
ANR LOUISIANA BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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	3	-1	0	0	0.0%	2	11	-81.8%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HENRY HUB SWAP	0	72	-100.0%	112,979	138,963	-0.19	236	1,554	-84.8%	601,475	574,340	4.7%
DUBAI CRUDE OIL CALENDAR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
USGC UNL 87 CRACK SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
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 NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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%	2	14	-0.86	0	0	0.0%	139	95	46.3%
EUROPEAN GASOIL (ICE)	0	0	0.0%	220,363	1,670	130.95	0	0	0.0%	418,543	3,178	13,070.0%
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 M CPE 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 NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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 NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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%
EURO-DENOMINATED PETRO	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%
PETROLEUM PRODUCTS	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%
MGN1 SWAP FUT	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%
NATURAL GAS FIXED PRICE S	0	-	-	0	-	-	0	-	-	0	-	-
UCM FUT	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	-	-
EMMISSIONS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MICHIGAN MISO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHICAGO ULSD (PLATTS) SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR LOW SULPUR GA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MGF FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC ERCOT DLY OFF PK	0	-	-	0	-	-	0	-	-	0	-	-
CENTER POINT NAT GAS FIXE	0	-	-	0	-	-	0	-	-	0	-	-
GROUP THREE ULSD (PLATTS)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CANADIAN LIGHT SWEET OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL TRADE AT MARKE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SUMAS NAT GAS PLATTS FIXE	0	-	-	0	-	-	0	-	-	0	-	-
NY HARBOR LOW SULPUR GA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MJB FUT	0	-	-	0	-	-	0	-	-	0	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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												
EU LOW SULPHUR GASOIL CR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COLUMBIA GULF NAT GAS FIX	0	-	-	0	-		0	-	-	0	-	-
ELECTRICITY ERCOT PEAK	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%
3.5% FUEL OIL CIF BALMO S	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	-	-
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	7	100	-93.0%	0	0	0	2,302	10,984	-79.0%	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	1,196	2,085	-42.6%	4,233	3,631	0.17	25,247	35,259	-28.4%	61,865	42,662	45.0%
N ILLINOIS HUB MTHLY	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0	69	473	-85.4%	0	0	0.0%
RBOB PHY	558	1,985	-71.9%	5,772	5,332	0.08	15,657	47,865	-67.3%	71,289	69,345	2.8%
NATURAL GAS PHY	41,297	103,614	-60.1%	425,902	293,659	0.45	304,216	1,358,330	-77.6%	2,786,490	2,591,630	7.5%
CRUDE OIL APO	5	15	-66.7%	0	0	0	767	1,553	-50.6%	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	413	-100.0%	50	0	0	1,162	2,894	-59.8%	150	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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												
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	1,000	0	0	3,000	0	0.0%	1,000	0	0.0%
CRUDE OIL PHY	77,846	249,329	-68.8%	2,061,449	1,944,256	0.06	1,205,416	3,135,647	-61.6%	24,858,755	17,413,354	42.8%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0	9	711	-98.7%	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	27	330	-91.8%	0	0	0	1,806	2,910	-37.9%	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	0	0	0.0%	5,300	1,360	2.9	4,600	0	0.0%	79,537	19,764	302.4%
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	2	-1	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 NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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	-	-
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%
1 MO GASOIL CAL SWAP SPR	0	-	-	0	-		0	-	-	0	-	-
COAL API2 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COAL API4 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LLS CRUDE OIL	0	-	-	0	-		0	-	-	0	-	-
PJM WES HUB PEAK CAL MTH	0	-	-	0	-		0	-	-	0	-	-
PJM ELECTRIC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOLINE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI CRUDE OIL 12 M CSO F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB 6 MONTH CALENDAR SP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
FX Futures												
AUSTRALIAN DOLLAR	30	819	-96.3%	1,594,955	2,068,114	-0.23	6,064	12,407	-51.1%	21,434,545	20,425,471	4.9%
BRITISH POUND	12	1,601	-99.3%	1,497,924	1,735,434	-0.14	10,905	46,234	-76.4%	22,058,277	22,287,763	-1.0%
BRAZIL REAL	0	20	-100.0%	53,230	25,489	1.09	30	960	-96.9%	422,992	268,926	57.3%
CANADIAN DOLLAR	70	108	-35.2%	1,034,216	1,186,715	-0.13	7,592	23,670	-67.9%	15,585,889	13,485,867	15.6%
E-MINI EURO FX	0	0	0.0%	80,516	76,143	0.06	0	0	0.0%	1,352,276	824,178	64.1%
EURO FX	1,657	5,101	-67.5%	4,219,543	4,550,343	-0.07	56,521	72,524	-22.1%	58,994,950	45,779,725	28.9%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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%	8,967	17,379	-0.48	0	0	0.0%	191,889	147,531	30.1%
JAPANESE YEN	18	2,629	-99.3%	2,195,401	3,783,801	-0.42	26,649	30,339	-12.2%	32,866,747	33,039,224	-0.5%
MEXICAN PESO	0	19,439	-100.0%	677,523	662,694	0.02	120,694	239,979	-49.7%	9,650,429	8,629,223	11.8%
NEW ZEALND DOLLAR	0	0	0.0%	342,176	458,373	-0.25	732	2,644	-72.3%	4,575,436	3,566,537	28.3%
NKR/USD CROSS RATE	0	0	0.0%	583	788	-0.26	0	594	-100.0%	10,922	9,432	15.8%
RUSSIAN RUBLE	0	0	0.0%	11,209	26,084	-0.57	4	0	0.0%	173,894	195,536	-11.1%
S.AFRICAN RAND	0	0	0.0%	15,570	7,950	0.96	806	0	0.0%	169,803	67,415	151.9%
SWISS FRANC	0	308	-100.0%	455,448	832,749	-0.45	1,073	4,291	-75.0%	4,957,551	8,286,791	-40.2%
AD/CD CROSS RATES	0	0	0.0%	6	79	-0.92	0	0	0.0%	218	520	-58.1%
AD/JY CROSS RATES	0	0	0.0%	2,969	5,622	-0.47	0	0	0.0%	38,836	43,669	-11.1%
AD/NE CROSS RATES	0	0	0.0%	9	104	-0.91	0	0	0.0%	541	891	-39.3%
BP/JY CROSS RATES	0	0	0.0%	882	1,845	-0.52	0	486	-100.0%	12,060	25,883	-53.4%
BP/SF CROSS RATES	0	0	0.0%	3	380	-0.99	0	0	0.0%	1,488	4,476	-66.8%
CD/JY CROSS RATES	0	0	0.0%	0	8	-1	0	0	0.0%	244	299	-18.4%
EC/AD CROSS RATES	0	0	0.0%	796	791	0.01	0	0	0.0%	18,537	8,385	121.1%
EC/CD CROSS RATES	0	0	0.0%	1,233	1,768	-0.3	0	0	0.0%	25,038	31,932	-21.6%
EC/NOK CROSS RATES	0	0	0.0%	4	0	0	21	48	-56.3%	38	2	1,800.0%
EC/SEK CROSS RATES	0	0	0.0%	3	7	-0.57	0	336	-100.0%	684	180	280.0%
EFX/BP CROSS RATES	0	0	0.0%	41,082	42,436	-0.03	0	0	0.0%	626,929	611,493	2.5%
EFX/JY CROSS RATES	0	0	0.0%	29,017	44,285	-0.34	0	0	0.0%	459,252	457,785	0.3%
EFX/SF CROSS RATES	0	0	0.0%	19,568	38,306	-0.49	0	0	0.0%	315,474	320,110	-1.4%
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%	892	628	0.42	20	56	-64.3%	12,211	7,891	54.7%
CZECK KORUNA (US)	0	0	0.0%	0	1	-1	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	2	-1	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%	51	450	-0.89	0	238	-100.0%	1,146	1,249	-8.2%
POLISH ZLOTY (EC)	0	0	0.0%	0	0	0	0	98	-100.0%	2	6	-66.7%
SHEKEL	0	0	0.0%	0	0	0	0	0	0.0%	6	30	-80.0%
RMB USD	0	0	0.0%	192	425	-0.55	0	0	0.0%	4,811	2,873	67.5%
RMB EURO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
KOREAN WON	0	0	0.0%	35	2	16.5	0	0	0.0%	299	215	39.1%
TURKISH LIRA	0	0	0.0%	0	0	0	0	0	0.0%	26	210	-87.6%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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%	250,981	164,433	0.53	0	0	0.0%	3,974,638	1,752,484	126.8%
E-MICRO GBP/USD	0	0	0.0%	28,447	27,493	0.03	0	0	0.0%	456,295	329,916	38.3%
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%	2	0	0	0	0	0.0%	5	6	-16.7%
E-MICRO USD/JPY	0	0	0.0%	1	10	-0.9	0	0	0.0%	103	98	5.1%
E-MICRO AUD/USD	0	0	0.0%	43,773	50,344	-0.13	0	0	0.0%	601,426	467,032	28.8%
MICRO CHF/USD	0	0	0.0%	1,687	2,517	-0.33	0	0	0.0%	25,725	43,660	-41.1%
E-MICRO USD/CNH	0	0	0.0%	14	105	-0.87	0	0	0.0%	324	283	14.5%
E-MICRO INR/USD	0	0	0.0%	59	2,353	-0.97	0	0	0.0%	2,504	37,186	-93.3%
EURO QUARTERLY VARIANCE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
USDZAR	0	0	0.0%	40	8	4	0	0	0.0%	549	1,226	-55.2%
E-MICRO CAD/USD	0	0	0.0%	9,498	10,563	-0.1	0	0	0.0%	144,025	164,156	-12.3%
CHINESE RENMINBI (CNH)	0	0	0.0%	2,207	411	4.37	0	0	0.0%	10,865	5,837	86.1%
E-MICRO JPY/USD	0	0	0.0%	7,000	13,324	-0.47	0	0	0.0%	141,437	136,529	3.6%
INDIAN RUPEE	0	0	0.0%	9,053	683	12.25	0	0	0.0%	123,335	8,342	1,378.5%

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CME Group Exchange Volume Comparison Report - Monthly

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FX Options												
AUSTRALIAN DOLLAR	573	5,016	-88.6%	109,152	138,014	-0.21	25,161	100,134	-74.9%	1,397,461	1,335,116	4.7%
BRITISH POUND	5,475	9,198	-40.5%	154,000	199,048	-0.23	111,802	209,180	-46.6%	2,296,364	2,623,480	-12.5%
BRAZIL REAL	0	0	0.0%	0	0	0	0	0	0.0%	0	10	-100.0%
CANADIAN DOLLAR	750	419	79.0%	85,845	96,996	-0.11	26,022	88,322	-70.5%	1,233,362	1,211,297	1.8%
EURO FX	11,343	43,203	-73.7%	848,861	717,564	0.18	300,709	601,134	-50.0%	11,039,731	6,014,754	83.5%
JAPANESE YEN	6,307	37,779	-83.3%	175,508	293,801	-0.4	124,263	311,262	-60.1%	2,512,958	2,355,489	6.7%
MEXICAN PESO	420	613	-31.5%	797	1,482	-0.46	3,360	2,711	23.9%	12,397	3,882	219.3%
NEW ZEALND DOLLAR	0	0	0.0%	0	5	-1	0	0	0.0%	13	748	-98.3%
RUSSIAN RUBLE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SWISS FRANC	680	674	0.9%	24,227	27,780	-0.13	4,846	4,844	0.0%	156,951	248,752	-36.9%
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%	218	1,245	-0.82	3	100	-97.0%	4,332	10,786	-59.8%
EURO FX (EU)	0	3	-100.0%	4,477	12,068	-0.63	5	12	-58.3%	54,286	86,527	-37.3%
SWISS FRANC (EU)	0	0	0.0%	0	12	-1	0	0	0.0%	0	1,792	-100.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	66	1,013	-0.93	0	0	0.0%	1,439	6,140	-76.6%
BRITISH POUND (EU)	0	0	0.0%	335	917	-0.63	2	1	100.0%	6,534	9,206	-29.0%
AUSTRALIAN DLR (EU)	0	0	0.0%	72	582	-0.88	0	0	0.0%	1,267	2,912	-56.5%
Commodities and Alternative Investments												
Futures												
CORN	25,318	244,272	-89.6%	8,308,881	6,877,193	0.21	1,192,994	1,536,641	-22.4%	74,667,714	61,117,938	22.2%
SOYBEAN	13,742	44,031	-68.8%	3,171,032	3,501,688	-0.09	600,899	786,101	-23.6%	46,335,005	42,227,027	9.7%
SOYBEAN MEAL	7,831	28,342	-72.4%	2,036,104	1,952,480	0.04	164,073	296,493	-44.7%	21,113,587	17,877,853	18.1%
SOYBEAN OIL	5,440	19,807	-72.5%	2,593,561	2,308,451	0.12	143,566	237,442	-39.5%	25,202,902	20,825,690	21.0%
OATS	15	130	-88.5%	21,816	19,926	0.09	568	1,381	-58.9%	162,236	174,618	-7.1%
ROUGH RICE	7	42	-83.3%	18,463	9,950	0.86	1,003	1,381	-27.4%	269,544	194,797	38.4%
WHEAT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MINI CORN	0	783	-100.0%	11,331	18,457	-0.39	1,409	5,464	-74.2%	123,784	152,188	-18.7%
MINI SOYBEAN	0	837	-100.0%	12,266	30,099	-0.59	3,129	11,576	-73.0%	210,333	274,491	-23.4%
MINI WHEAT	0	106	-100.0%	6,424	6,664	-0.04	489	2,063	-76.3%	78,029	89,396	-12.7%
LIVE CATTLE	6,134	105,128	-94.2%	1,207,315	853,545	0.41	401,332	1,363,517	-70.6%	11,846,499	11,182,095	5.9%

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CME Group Exchange Volume Comparison Report - Monthly

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Commodities and Alternative Investments												
Futures												
FEEDER CATTLE	14	8,203	-99.8%	192,210	120,667	0.59	42,744	135,901	-68.5%	2,219,534	1,763,607	25.9%
LEAN HOGS	4,137	75,245	-94.5%	832,536	630,504	0.32	317,850	899,960	-64.7%	8,682,832	9,147,922	-5.1%
LUMBER	0	486	-100.0%	11,341	8,268	0.37	1,357	8,785	-84.6%	182,973	136,968	33.6%
MILK	0	557	-100.0%	22,449	24,826	-0.1	3,228	8,853	-63.5%	246,317	304,389	-19.1%
MLK MID	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NFD MILK	0	12	-100.0%	5,259	2,346	1.24	399	267	49.4%	42,873	26,073	64.4%
BUTTER CS	0	0	0.0%	2,085	2,338	-0.11	0	0	0.0%	27,901	31,052	-10.1%
CLASS IV MILK	0	14	-100.0%	673	698	-0.04	149	3,267	-95.4%	9,912	20,293	-51.2%
DRY WHEY	0	0	0.0%	1,970	2,003	-0.02	0	0	0.0%	18,360	14,652	25.3%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0	0	0	0.0%	255	266	-4.1%
GOLDMAN SACHS	0	1,826	-100.0%	28,918	21,287	0.36	6,135	24,883	-75.3%	314,882	223,297	41.0%
ETHANOL	0	0	0.0%	11,211	19,072	-0.41	0	0	0.0%	173,536	220,769	-21.4%
HDD WEATHER	0	0	0.0%	1,125	125	8	0	0	0.0%	1,352	1,517	-10.9%
CDD WEATHER	0	0	0.0%	0	0	0	0	0	0.0%	260	30	766.7%
HDD SEASONAL STRIP	0	0	0.0%	75	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%	50	0	0	0	0	0.0%	50	0	0.0%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0	0	0	0	0.0%	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%	17	9	0.89	0	0	0.0%	83	128	-35.2%
DOW-UBS COMMOD INDEX	0	0	0.0%	23,912	9,863	1.42	0	0	0.0%	308,853	218,978	41.0%
COTTON	0	0	0.0%	18	72	-0.75	0	0	0.0%	570	728	-21.7%
COCOA TAS	0	0	0.0%	498	48	9.38	0	0	0.0%	1,691	290	483.1%
COFFEE	0	0	0.0%	37	23	0.61	0	0	0.0%	621	337	84.3%
SUGAR 11	0	0	0.0%	177	73	1.42	0	0	0.0%	1,352	692	95.4%
USD CRUDE PALM OIL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CASH-SETTLED CHEESE	0	0	0.0%	11,756	9,935	0.18	0	150	-100.0%	101,778	60,898	67.1%
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%
KC WHEAT	2,252	2,258	-0.3%	884,221	548,685	0.61	21,249	27,897	-23.8%	6,720,129	5,156,142	30.3%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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												
Intercommodity Spread	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHI WHEAT	11,067	23,048	-52.0%	3,106,064	2,330,506	0.33	306,790	341,641	-10.2%	28,941,254	23,295,516	24.2%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0	0	0	0.0%	6	420	-98.6%
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%
WHEAT HRW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
Commodities and Alternative Investments												
Options												
CORN	497,671	645,667	-22.9%	914,058	1,006,855	-0.09	9,077,540	8,724,018	4.1%	13,686,402	11,053,660	23.8%
SOYBEAN	265,826	499,445	-46.8%	774,471	818,325	-0.05	6,011,623	7,108,726	-15.4%	11,236,536	9,598,082	17.1%
SOYBEAN MEAL	91,393	147,352	-38.0%	153,897	167,131	-0.08	1,079,319	1,238,425	-12.8%	1,619,723	1,161,924	39.4%
SOYBEAN OIL	118,877	104,321	14.0%	73,208	48,156	0.52	1,167,972	1,220,510	-4.3%	667,151	396,831	68.1%
SOYBEAN CRUSH	463	295	56.9%	0	0	0	2,102	2,904	-27.6%	0	0	0.0%
OATS	1,013	1,910	-47.0%	582	763	-0.24	13,366	14,396	-7.2%	6,324	9,962	-36.5%
ROUGH RICE	253	341	-25.8%	1,210	413	1.93	6,027	6,054	-0.4%	14,569	7,572	92.4%
WHEAT	25	0	0.0%	50	0	0	510	0	0.0%	50	0	0.0%
LIVE CATTLE	187,591	62,147	201.9%	239,517	188,268	0.27	1,195,589	1,012,350	18.1%	2,304,220	2,687,358	-14.3%
FEEDER CATTLE	4,105	3,462	18.6%	28,052	26,341	0.06	40,906	36,839	11.0%	350,721	288,508	21.6%
LEAN HOGS	62,004	26,482	134.1%	239,183	154,941	0.54	638,010	636,242	0.3%	1,970,910	2,292,459	-14.0%
LUMBER	0	0	0.0%	772	711	0.09	18	89	-79.8%	12,322	12,806	-3.8%
MILK	9,062	19,648	-53.9%	9,599	11,927	-0.2	109,217	203,272	-46.3%	133,610	125,083	6.8%
MLK MID	48	186	-74.2%	0	0	0	471	1,185	-60.3%	0	0	0.0%
NFD MILK	3,122	1,829	70.7%	998	45	21.18	36,611	14,213	157.6%	5,133	900	470.3%
BUTTER CS	153	1,282	-88.1%	48	52	-0.08	9,621	9,541	0.8%	2,014	1,002	101.0%
CLASS IV MILK	62	177	-65.0%	328	180	0.82	5,382	14,726	-63.5%	2,467	4,729	-47.8%
DRY WHEY	20	174	-88.5%	0	0	0	2,552	4,250	-40.0%	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 NOV 2015	Open Outcry NOV 2014	% CHG	ELEC NOV 2015	ELEC NOV 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	9,904	2,385	315.3%	11	55	-0.8	48,646	83,247	-41.6%	2,178	1,633	33.4%
SOYBN NEARBY+2 CAL SPRD	0	120	-100.0%	0	32	-1	280	8,051	-96.5%	0	112	-100.0%
WHEAT NEARBY+2 CAL SPRD	6,309	2,415	161.2%	163	30	4.43	125,047	57,754	116.5%	5,829	1,820	220.3%
JULY-DEC CORN CAL SPRD	1,096	1,207	-9.2%	0	1	-1	31,647	87,683	-63.9%	827	1,204	-31.3%
DEC-JULY WHEAT CAL SPRD	0	590	-100.0%	0	0	0	35	1,230	-97.2%	0	0	0.0%
JULY-NOV SOYBEAN CAL SPR	2,223	645	244.7%	0	0	0	36,968	56,553	-34.6%	198	47	321.3%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0	10,404	6,058	71.7%	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	50	-100.0%	0	0	0	300	110	172.7%	0	0	0.0%
LV CATL CSO	0	40	-100.0%	0	0	0	81	472	-82.8%	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	0	0.0%	0	0	0	75	2,411	-96.9%	0	30	-100.0%
CASH-SETTLED CHEESE	9,087	6,238	45.7%	2,036	401	4.08	50,842	28,770	76.7%	17,116	3,700	362.6%
DEC-JULY CORN CAL SPRD	35	0	0.0%	0	0	0	9,610	1,010	851.5%	460	0	0.0%
WHEAT-CORN IC SO	360	450	-20.0%	0	0	0	15,610	7,710	102.5%	0	0	0.0%
DEC-DEC CORN CAL SPRD	735	671	9.5%	0	25	-1	4,240	2,553	66.1%	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	300	200	50.0%	0	0	0	300	200	50.0%	0	0	0.0%
KC WHEAT	28,639	19,624	45.9%	10,458	13,679	-0.24	307,486	247,838	24.1%	139,169	145,575	-4.4%
Intercommodity Spread	0	0	0.0%	0	0	0	959	20	4,695.0%	0	0	0.0%
SEP-DEC SOYBEAN MEAL CSC	0	-	-	0	-	-	1,050	-	-	10	-	-
CHI WHEAT	147,393	155,346	-5.1%	302,685	227,968	0.33	2,996,939	2,490,840	20.3%	3,956,726	2,871,942	37.8%

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CME Group Exchange Volume Comparison Report - Monthly

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Commodities and Alternative Investments												
Options												
MAR-JULY WHEAT CAL SPRD	1,705	80	2,031.3%	3	0	0	7,310	435	1,580.5%	11	0	0.0%
DEC-JUL SOYBEAN OIL CSO	0	0	0.0%	0	0	0	0	235	-100.0%	0	0	0.0%
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	0	0	5,430	60	8,950.0%	0	0	0.0%
MAY-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%
NOV-DEC SOYBEAN CSO	0	0	0.0%	0	0	0	0	690	-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%	0	10	-1	0	0	0.0%	71	10	610.0%
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	699,416	2,965,619	-76.4%	103,198,281	93,241,919	10.7%	12,528,303	19,360,374	-35.3%	1,178,058,099	1,232,966,259	-4.5%
Equity Index Futures	72,355	99,707	-27.4%	36,980,811	29,909,880	23.6%	1,538,869	2,053,114	-25.0%	504,465,092	507,735,627	-0.6%
Metals Futures	9,290	116,551	-92.0%	7,307,666	7,651,348	-4.5%	649,231	929,619	-30.2%	69,256,084	65,070,281	6.4%
Energy Futures	16,961	40,494	-58.1%	29,498,178	27,012,609	9.2%	229,640	567,676	-59.5%	341,891,054	266,269,555	28.4%
FX Futures	1,787	30,025	-94.0%	12,636,765	15,841,439	-20.2%	231,111	434,904	-46.9%	179,444,685	161,478,494	11.1%
Commodities and Alternative Inve	75,957	555,127	-86.3%	22,523,795	19,309,801	16.6%	3,209,363	5,693,663	-43.6%	228,007,263	194,741,357	17.1%
Foreign Exchange Futures	0	0	0.0%	0	10	-100.0%	0	0	0.0%	71	10	610.0%
Ags Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TOTAL FUTURES	875,766	3,807,523	-77.0%	212,145,496	192,967,006	9.9%	18,386,517	29,039,350	-36.7%	2,501,122,348	2,428,261,583	3.0%

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CME Group Exchange Volume Comparison Report - Monthly

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TOTAL OPTIONS GROUP												
Equity Index Options	879,174	888,401	-1.0%	9,143,701	7,767,135	17.7%	10,872,366	10,334,427	5.2%	117,345,076	106,805,614	9.9%
Interest Rate Options	17,388,233	11,827,775	47.0%	11,089,844	7,877,164	40.8%	209,438,498	200,732,266	4.3%	126,460,280	107,642,793	17.5%
Metals Options	73,619	183,591	-59.9%	512,025	686,377	-25.4%	1,096,155	2,165,498	-49.4%	5,668,721	5,728,961	-1.1%
Energy Options	120,936	357,871	-66.2%	2,503,706	2,248,240	11.4%	1,564,376	4,605,213	-66.0%	27,861,155	20,136,820	38.4%
FX Options	25,548	96,905	-73.6%	1,403,558	1,490,527	-5.8%	596,173	1,317,700	-54.8%	18,717,095	13,910,891	34.5%
Commodities and Alternative Inve	1,449,474	1,704,779	-15.0%	2,751,329	2,666,299	3.2%	23,050,480	23,338,366	-1.2%	36,137,284	30,667,099	17.8%
TOTAL OPTIONS	19,936,984	15,059,322	32.4%	27,404,163	22,735,742	20.5%	246,618,048	242,493,470	1.7%	332,189,611	284,892,178	16.6%
TOTAL COMBINED												
Interest Rate	18,087,649	14,793,394	22.3%	114,288,125	101,119,083	13.0%	221,966,801	220,092,640	0.9%	1,304,518,379	1,340,609,052	-2.7%
Equity Index	951,529	988,108	-3.7%	46,124,512	37,677,015	22.4%	12,411,235	12,387,541	0.2%	621,810,168	614,541,241	1.2%
Metals	82,909	300,142	-72.4%	7,819,691	8,337,725	-6.2%	1,745,386	3,095,117	-43.6%	74,924,805	70,799,242	5.8%
Energy	137,897	398,365	-65.4%	32,001,884	29,260,849	9.4%	1,794,016	5,172,889	-65.3%	369,752,209	286,406,375	29.1%
FX	27,335	126,930	-78.5%	14,040,323	17,331,966	-19.0%	827,284	1,752,604	-52.8%	198,161,780	175,389,385	13.0%
Commodities and Alternative Inve	1,525,431	2,259,906	-32.5%	25,275,124	21,976,100	15.0%	26,259,843	29,032,029	-9.5%	264,144,547	225,408,456	17.2%
Foreign Exchange	0	0	0.0%	0	10	-100.0%	0	0	0.0%	71	10	610.0%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GRAND TOTAL	20,812,750	18,866,845	10.3%	239,549,659	215,702,748	11.1%	265,004,565	271,532,820	-2.4%	2,833,311,959	2,713,153,761	4.4%

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