

CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
Interest Rate Futures												
30-YR BOND	11,924	18,237	-34.6%	5,975,362	5,627,884	0.06	113,315	118,308	-4.2%	35,824,610	34,537,094	3.7%
10-YR NOTE	96,173	270,696	-64.5%	27,264,582	27,096,797	0.01	802,276	935,187	-14.2%	184,692,857	171,052,788	8.0%
5-YR NOTE	18,836	49,953	-62.3%	15,263,651	14,261,104	0.07	152,023	182,389	-16.6%	110,415,323	94,985,045	16.2%
2-YR NOTE	1,955	1,171	67.0%	6,067,622	5,775,458	0.05	9,208	5,837	57.8%	42,849,052	38,163,634	12.3%
FED FUND	30	0	0.0%	4,454,334	4,028,335	0.11	30	0	0.0%	29,022,158	16,401,083	77.0%
EURODOLLARS	609,937	531,119	14.8%	52,722,535	55,543,505	-0.05	4,090,318	3,556,576	15.0%	342,530,255	310,187,730	10.4%
5-YR SWAP RATE	0	0	0.0%	65,931	77,981	-0.15	0	0	0.0%	307,710	359,678	-14.4%
2-YR SWAP RATE	0	0	0.0%	0	13	-1	0	0	0.0%	0	4,409	-100.0%
10-YR SWAP RATE	0	0	0.0%	71,987	65,917	0.09	0	0	0.0%	280,819	274,810	2.2%
7-YR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	3,052	-100.0%
1-MONTH EURODOLLAR	0	0	0.0%	14,389	2,101	5.85	0	0	0.0%	38,029	8,381	353.8%
ULTRA T-BOND	0	0	0.0%	1,967,964	1,936,061	0.02	0	1	-100.0%	14,740,198	13,218,391	11.5%
Ultra 10-Year Note	0	28	-100.0%	2,070,098	1,418,299	0.46	8	28	-71.4%	12,295,756	5,738,438	114.3%
30-YR SWAP RATE	0	0	0.0%	2,562	2,426	0.06	0	0	0.0%	9,118	11,073	-17.7%
2YR BUNDLE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
3YR BUNDLE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURO 5YR BUNDLE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
Interest Rate Options												
30-YR BOND	302,541	356,939	-15.2%	2,585,133	1,879,416	0.38	1,460,142	1,695,340	-13.9%	11,347,076	8,804,949	28.9%
10-YR NOTE	1,820,186	3,491,083	-47.9%	7,780,763	7,205,141	0.08	13,419,018	14,899,946	-9.9%	47,913,781	31,577,779	51.7%
5-YR NOTE	357,618	874,363	-59.1%	1,617,951	1,926,691	-0.16	3,572,135	4,234,598	-15.6%	12,027,156	8,378,327	43.6%
2-YR NOTE	30,172	70,917	-57.5%	70,493	123,875	-0.43	164,380	295,434	-44.4%	391,690	582,143	-32.7%
FED FUND	400	8,125	-95.1%	0	2,010	-1	8,398	45,155	-81.4%	1,407	6,670	-78.9%
EURODOLLARS	9,129,673	9,818,365	-7.0%	4,827,950	3,068,316	0.57	59,373,630	64,293,340	-7.7%	26,992,856	17,714,530	52.4%
EURO MIDCURVE	5,848,842	6,270,372	-6.7%	4,826,588	3,293,918	0.47	55,770,279	44,108,114	26.4%	30,569,413	19,713,436	55.1%
ULTRA T-BOND	7,240	800	805.0%	1,873	6,041	-0.69	8,382	7,247	15.7%	10,608	23,634	-55.1%
Ultra 10-Year Note	0	100	-100.0%	298	144	1.07	952	1,275	-25.3%	6,797	655	937.7%

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Equity Index Futures												
DJIA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MINI \$5 DOW	0	0	0.0%	3,461,293	4,144,700	-0.16	0	0	0.0%	17,449,826	23,110,154	-24.5%
E-MINI S&P500	0	0	0.0%	40,238,559	48,428,243	-0.17	0	0	0.0%	194,005,375	250,802,832	-22.6%
S&P 500	153,247	255,109	-39.9%	3,504	10,079	-0.65	482,444	762,214	-36.7%	27,914	71,156	-60.8%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
E-MINI MIDCAP	0	0	0.0%	517,610	624,125	-0.17	0	0	0.0%	2,308,566	2,803,406	-17.7%
S&P 400 MIDCAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
S&P 500 GROWTH	0	0	0.0%	79	49	0.61	0	0	0.0%	138	155	-11.0%
S&P 500/VALUE	0	0	0.0%	18,947	4,466	3.24	0	0	0.0%	47,645	25,401	87.6%
E-MINI RUSSELL 1000	0	0	0.0%	1,673	365	3.58	0	0	0.0%	6,909	3,610	91.4%
E-MINI NASDAQ 100	0	0	0.0%	8,926,460	5,997,134	0.49	0	0	0.0%	30,994,118	36,275,888	-14.6%
NASDAQ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	320,510	481,003	-0.33	0	0	0.0%	1,689,077	2,587,505	-34.7%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	1,056,775	1,425,593	-0.26	0	0	0.0%	5,704,353	8,420,674	-32.3%
DJ US REAL ESTATE	0	0	0.0%	25,821	21,770	0.19	0	0	0.0%	94,221	71,552	31.7%
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%
S&P CONSUMER STAPLES SE	0	0	0.0%	9,841	14,662	-0.33	0	0	0.0%	41,306	47,784	-13.6%
S&P HEALTH CARE SECTOR	0	0	0.0%	17,646	12,362	0.43	0	0	0.0%	60,546	48,751	24.2%
S&P TECHNOLOGY SECTOR	0	0	0.0%	6,247	12,627	-0.51	0	0	0.0%	29,351	30,295	-3.1%
S&P INDUSTRIAL SECTOR	0	0	0.0%	6,242	5,681	0.1	0	0	0.0%	23,774	17,440	36.3%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	3,359	5,496	-0.39	0	0	0.0%	25,206	29,016	-13.1%
S&P UTILITIES SECTOR	0	0	0.0%	33,347	12,862	1.59	0	0	0.0%	94,064	68,977	36.4%
S&P FINANCIAL SECTOR	0	0	0.0%	25,431	9,172	1.77	0	0	0.0%	90,811	42,823	112.1%
S&P ENERGY SECTOR	0	0	0.0%	10,951	11,561	-0.05	0	0	0.0%	63,671	49,815	27.8%
S&P MATERIALS SECTOR	0	0	0.0%	11,575	6,945	0.67	0	0	0.0%	36,878	24,722	49.2%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,580	164	8.63	0	0	0.0%	5,226	2,162	141.7%
FT-SE 100	0	0	0.0%	2,273	2,663	-0.15	0	0	0.0%	10,265	10,748	-4.5%
IBOVESPA INDEX	0	0	0.0%	529	1,025	-0.48	0	0	0.0%	4,016	4,281	-6.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	1,486	592	1.51	0	0	0.0%	10,639	3,636	192.6%
NIFTY 50	0	0	0.0%	10,123	7,562	0.34	0	0	0.0%	53,769	47,873	12.3%
E-MINI S&P REAL ESTATE SEL	0	-	-	7,873	-	-	0	-	-	18,280	-	-

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Equity Index Options												
DJIA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MINI \$5 DOW	0	0	0.0%	5,152	9,353	-0.45	0	0	0.0%	30,092	86,248	-65.1%
E-MINI S&P500	0	0	0.0%	4,629,119	3,839,567	0.21	1,935	110,315	-98.2%	25,073,210	36,658,794	-31.6%
S&P 500	394,858	310,466	27.2%	0	0	0	1,910,017	4,286,925	-55.4%	0	0	0.0%
E-MINI MIDCAP	0	0	0.0%	0	0	0	0	0	0.0%	0	9	-100.0%
E-MINI NASDAQ 100	0	0	0.0%	294,921	208,890	0.41	0	0	0.0%	1,179,126	1,423,481	-17.2%
NASDAQ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EOM S&P 500	190,593	211,989	-10.1%	0	0	0	1,040,082	972,263	7.0%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	2,420,372	2,216,541	0.09	0	0	0.0%	12,450,461	8,989,918	38.5%
EOW1 S&P 500	79,514	75,446	5.4%	0	0	0	478,676	329,259	45.4%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	965,395	1,327,093	-0.27	0	0	0.0%	6,882,481	5,685,365	21.1%
EOW2 S&P 500	185,204	231,786	-20.1%	0	0	0	967,838	775,847	24.7%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,052,736	1,228,254	-0.14	0	0	0.0%	6,783,134	6,081,742	11.5%
EOW4 EMINI S&P 500	0	0	0.0%	886,612	1,716,478	-0.48	0	0	0.0%	5,496,165	6,500,112	-15.4%
EOW3 S&P 500	258,664	717,869	-64.0%	0	0	0	2,052,727	960,838	113.6%	0	0	0.0%
EOW3 EMINI S&P 500	0	27,000	-100.0%	2,600,475	3,616,923	-0.28	0	27,000	-100.0%	21,516,154	5,237,221	310.8%

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Metals Futures												
COMEX GOLD	0	9,716	-100.0%	4,715,409	4,642,926	0.02	0	69,105	-100.0%	31,224,084	27,401,192	14.0%
COMEX MINY COPPER	0	0	0.0%	996	560	0.78	0	0	0.0%	5,109	3,782	35.1%
COMEX SILVER	0	738	-100.0%	2,319,492	1,785,488	0.3	0	7,443	-100.0%	10,845,934	8,592,165	26.2%
COMEX COPPER	0	0	0.0%	2,258,347	2,126,997	0.06	0	454	-100.0%	12,119,652	10,246,028	18.3%
NYMEX HOT ROLLED STEEL	0	0	0.0%	342	954	-0.64	0	0	0.0%	1,268	3,488	-63.6%
NYMEX PLATINUM	0	0	0.0%	516,269	419,058	0.23	0	38	-100.0%	2,243,011	1,816,250	23.5%
URANIUM	0	0	0.0%	0	0	0	0	0	0.0%	427	993	-57.0%
PALLADIUM	0	0	0.0%	113,174	88,778	0.27	0	63	-100.0%	722,378	629,366	14.8%
E-MICRO GOLD	0	0	0.0%	87,230	115,919	-0.25	0	0	0.0%	524,616	570,112	-8.0%
GOLD	0	-	-	0	-		0	-	-	0	-	-
ALUMINUM	0	0	0.0%	219	1,266	-0.83	0	0	0.0%	3,993	7,165	-44.3%
COPPER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SILVER	0	0	0.0%	5,916	9,572	-0.38	0	0	0.0%	31,386	47,133	-33.4%
Gold Kilo	0	0	0.0%	356	4,193	-0.92	0	0	0.0%	2,277	32,221	-92.9%
COMEX E-Mini SILVER	0	0	0.0%	986	1,573	-0.37	0	0	0.0%	5,484	6,381	-14.1%
COMEX E-Mini GOLD	0	0	0.0%	5,858	11,984	-0.51	0	0	0.0%	51,873	64,872	-20.0%
Aluminium MW Trans Prem Platts	0	0	0.0%	104	1,855	-0.94	0	0	0.0%	1,194	4,267	-72.0%
LNDN ZINC	0	0	0.0%	35	36	-0.03	0	0	0.0%	85	151	-43.7%
METALS	0	0	0.0%	0	5	-1	0	0	0.0%	0	5	-100.0%
FERROUS PRODUCTS	0	0	0.0%	0	0	0	0	0	0.0%	35	0	0.0%
IRON ORE 62 CHINA PLATTS F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTU	0	0	0.0%	225	211	0.07	0	0	0.0%	1,940	3,410	-43.1%
IRON ORE 58 CHINA TSI FUTU	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%

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Metals Options												
COMEX GOLD	0	68,567	-100.0%	616,257	625,222	-0.01	0	468,258	-100.0%	3,658,825	3,798,596	-3.7%
COMEX SILVER	0	5,835	-100.0%	98,052	86,555	0.13	0	48,028	-100.0%	600,586	558,565	7.5%
COMEX COPPER	0	10	-100.0%	2,328	2,433	-0.04	0	983	-100.0%	19,921	11,744	69.6%
NYMEX PLATINUM	0	27	-100.0%	980	541	0.81	0	2,005	-100.0%	4,974	3,501	42.1%
PALLADIUM	0	0	0.0%	1,092	197	4.54	0	272	-100.0%	5,791	1,002	477.9%
GOLD	0	0	0.0%	15,244	3,946	2.86	0	556	-100.0%	68,263	21,249	221.3%
COPPER	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SILVER	0	0	0.0%	55	0	0	0	0	0.0%	1,315	33	3,884.8%
IRON ORE 62 CHINA TSI CALL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI PUT O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Energy Futures												
ETHANOL	0	0	0.0%	9,673	19,587	-0.51	0	0	0.0%	96,415	86,978	10.8%
ETHANOL FWD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HOUSTON SHIP CHANNEL BAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS	0	0	0.0%	0	62	-1	0	0	0.0%	0	122	-100.0%
HEATING OIL VS ICE GASOIL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
FUEL OIL CRACK VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL MIDCONTINENT INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL TEXOK INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CENTERPOINT BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS	0	0	0.0%	53,019	24,855	1.13	0	800	-100.0%	222,349	70,076	217.3%
HTG OIL	0	0	0.0%	48	0	0	0	0	0.0%	84	0	0.0%
LTD NAT GAS	0	0	0.0%	173,579	93,024	0.87	0	0	0.0%	716,048	453,218	58.0%
GASOIL MINI CALENDAR SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 ROTTERDAM BAR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SOCAL PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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Energy Futures												
PANHANDLE PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	44	-100.0%	2,151,960	1,698,495	0.27	0	44	-100.0%	12,219,903	12,467,045	-2.0%
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%
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%
JET FUEL CRG CIF NEW VS I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
3.5% FUEL OIL CID MED SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ARGUS PROPAN FAR EST IND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ULSD 10PPM CIF VS ICE GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET FUEL BRG FOB RDM VS I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM NILL DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM AECO DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
Energy Futures												
PJM JCPL DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM JCPL DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PEPCO DA OFF-PEAK	-	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%
TRANSCO ZONE 3 NG INDEX S	0	-	-	0	-		0	-	-	0	-	-
MICHCON NG INDEX SWAP	0	-	-	0	-		0	-	-	0	-	-
CIG ROCKIES NG INDEX SWA	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%	0	0	0	0	0	0.0%	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%
ULSD 10PPM CIF MED BALMO	0	0	0.0%	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	0	-	0	0.0%	-	0	0.0%
PANHANDLE INDEX SWAP FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST JET FUEL CLNDR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL NWE CA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL 180CST CAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST NO.6 FUEL OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE G PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NORTHERN ILLINOIS OFF-PEA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB DAILY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
Energy Futures												
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	0	58	-100.0%	3,411,987	3,203,642	0.07	0	686	-100.0%	19,261,118	17,928,410	7.4%
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%
EUROPEAN NAPHTHA BALMO	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%	1	11	-0.91	0	0	0.0%	14	51	-72.5%
WAHA BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY NATURAL GAS	0	0	0.0%	20,763	25,486	-0.19	0	0	0.0%	168,024	149,349	12.5%
SINGAPORE GASOIL SWAP	0	0	0.0%	6	0	0	0	0	0.0%	36	0	0.0%
UP DOWN GC ULSD VS NMX H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM NILL DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LA JET (OPIS) SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
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%	60	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%
CAISO SP15 EZGNHUBS MW P	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
Energy Futures												
SOUTHERN NAT LA NAT GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FL GAS ZONE 3 NAT GAS IND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COLUMB GULF MAINLINE NG B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENNESSEE 800 LEG NG BASI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 1 NG BASIS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
ONEOK OKLAHOMA NG BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SOUTH STAR TEX OKLHM KNS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TEXAS GAS ZONE1 NG BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE C 5MW D AH O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM COMED 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM COMED 5MW D AH O PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIN HUB 5MW REAL TIME PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL CONECTIC 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL CNCTCT 5MW D AH O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
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%
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%
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	0	97	-100.0%	4,128,751	4,043,424	0.02	0	421	-100.0%	23,307,136	21,166,816	10.1%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
Energy Futures												
SING FUEL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LLS (ARGUS) CALENDAR SWA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
RBOB VS HEATING OIL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NORTHERN NATURAL GAS DEM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HOUSTON SHIP CHANNEL IND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY WTI CRUDE OIL	0	0	0.0%	307,971	257,814	0.19	0	0	0.0%	1,560,963	1,830,193	-14.7%
NEW ENGLAND HUB PEAK DAI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ROCKIES KERN OPAL - NW IN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS PHY	0	53	-100.0%	8,930,673	8,631,240	0.03	0	1,483	-100.0%	51,310,959	44,120,311	16.3%
APPALACHIAN COAL (PHY)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI CALENDAR	0	26	-100.0%	0	0	0	0	1,069	-100.0%	0	0	0.0%
HENRY HUB BASIS SWAP	0	0	0.0%	0	31	-1	0	0	0.0%	2,996	31	9,564.5%
DEMARCO INDEX FUTURE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PREMIUM UNLEAD 10PPM FOB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	0	3,365	-100.0%	28,579,494	20,217,609	0.41	0	17,800	-100.0%	143,845,493	132,039,742	8.9%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	5	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%	142	2,047	-0.93	0	0	0.0%	1,389	7,375	-81.2%
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	-	-
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%
LA CARBOB GASOLINE(OPIS)	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%	15	0	0.0%
MINY RBOB GAS	0	0	0.0%	4	4	0	0	0	0.0%	28	24	16.7%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
Energy Futures												
RBOB UP-DOWN CALENDAR S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	0	0	0	0	24	-100.0%	3	3	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	182	-1	0	0	0.0%	0	182	-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	31	-1	0	0	0.0%	0	31	-100.0%
PJM MONTHLY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS VEN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DOMINION TRANSMISSION INC	0	0	0.0%	0	91	-1	0	0	0.0%	0	91	-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%
EL PASO PERMIAN INDEX SWA	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%	2,996	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	30	-1	0	0	0.0%	0	30	-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%
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%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Futures												
NY HARBOR RESIDUAL FUEL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURO 3.5% FUEL OIL SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO GASOIL 10 CAL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL MIDCONTINENT SWING	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DEMARCO SWING SWAP	0	-	-	0	-		0	-	-	0	-	-
CENTERPOINT EAST INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL	0	0	0.0%	1	0	0	0	0	0.0%	205	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%
WTI-BRENT CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	120	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	0	0.0%	0	0	0	0	92	-100.0%	51	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%
TC2 ROTTERDAM TO USAC 37	-	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
Energy Futures												
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%
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	460	-1	0	0	0.0%	0	460	-100.0%
ANR LOUISIANA BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENNESSEE 500 LEG BASIS S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENNESSEE ZONE 0 BASIS S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CINERGY HUB OFF-PEAK MON	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CALENDAR	0	0	0.0%	0	0	0	0	0	0.0%	0	3	-100.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HENRY HUB SWAP	0	0	0.0%	6,982	175,545	-0.96	0	1,472	-100.0%	59,659	1,188,489	-95.0%
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%	5	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 ULSD (ARGUS) VS HEATIN	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%	0	225	-100.0%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
Energy Futures												
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PREM UNL GAS 10PPM RDAM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PREM UNL GAS 10PPM RDAM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE 5 DEC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	14	7	1	0	0	0.0%	144	47	206.4%
EUROPEAN GASOIL (ICE)	0	0	0.0%	4,926	153,919	-0.97	0	0	0.0%	20,220	1,442,301	-98.6%
ERCOT NORTH ZMCPE 5MW O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ERCOT HOUSTON Z MCPE 5M	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%	39	0	0.0%
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%
ELEC NYISO OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC MISO PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MARS BLEND CRUDE OIL	0	0	0.0%	0	0	0	0	0	0.0%	200	0	0.0%
NYMEX ALUMINUM FUTURES	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF MED BALMO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
RBOB CRACK SPREAD BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB (PLATTS) CAL SWAP	0	-	-	0	-		0	-	-	0	-	-
PJM DUQUESNE 5MW D AH PK	-	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%
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%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
Energy Futures												
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%
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%	50	0	0.0%
PJM APS ZONE DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC FINSETTLED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM APS ZONE DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NAT GAS BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PLASTICS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MNC FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 PIPE SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
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%
PETRO CRCKS & SPRDS NA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALEND A	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MJC FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL TEX/OK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB SPREAD (PLATTS) SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL RHD ISLD 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL RHODE IL 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENN 800 LEG NAT GAS INDE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS ASIA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
INDONESIAN COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Futures												
DAILY PJM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
INDIANA MISO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
AUSTRIALIAN COKE COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COAL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO CAPACITY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
VENTURA NAT GAS PLATTS FI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EMMISSIONS	-	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%
NATURAL GAS FIXED PRICE S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SUMAS NAT GAS PLATTS FIXE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO-DENOMINATED PETRO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
3.5% FUEL OIL CIF BALMO S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CANADIAN LIGHT SWEET OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MICHIGAN MISO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DLY GAS EURO-BOB OXY	0	-	-	0	-		0	-	-	0	-	-
MINI RBOB V. EBOBARG NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOB(ARGUS) N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL TRADE AT MARKE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MGF FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MJB FUT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NEW YORK HUB ZONE J PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM ATSI ELEC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EU LOW SULPHUR GASOIL CR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CENTER POINT NAT GAS FIXE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
ELEC ERCOT DLY OFF PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHICAGO ULSD (PLATTS) SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR LOW SULPUR GA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COLUMBIA GULF NAT GAS FIX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MGN1 SWAP FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GROUP THREE ULSD (PLATTS)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
Energy Futures												
UCM FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DY EURO 3.5% FUEL OI RDA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC WEST POWER OFF-PEA	0	-	-	0	-		0	-	-	0	-	-
ELEC WEST POWER PEAK	0	-	-	0	-		0	-	-	0	-	-
CAISO SP15 EZGNHUB5 PEAK	0	-	-	0	-		0	-	-	0	-	-
Energy Options												
ETHANOL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS	0	0	0.0%	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%
N ROCKIES PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	0	-	-	0	-		0	-	-	0	-	-
BRENT OIL LAST DAY	0	7,404	-100.0%	2,119	692	2.06	0	9,220	-100.0%	24,710	3,403	626.1%
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%
HEATING OIL PHY	0	346	-100.0%	6,685	6,986	-0.04	0	4,790	-100.0%	31,133	44,222	-29.6%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB PHY	0	539	-100.0%	5,589	6,569	-0.15	0	7,509	-100.0%	35,454	50,438	-29.7%
NATURAL GAS PHY	0	2,944	-100.0%	1,529,875	829,343	0.84	0	16,803	-100.0%	7,057,508	3,497,878	101.8%
CRUDE OIL APO	0	66	-100.0%	12	0	0	0	6,537	-100.0%	52	0	0.0%
NATURAL GAS 3 M CSO FIN	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	200	0	0	0	200	-100.0%	200	0	0.0%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	3,300	-1	0	0	0.0%	0	16,826	-100.0%
CRUDE OIL PHY	0	26,092	-100.0%	3,208,673	2,377,292	0.35	0	198,550	-100.0%	19,401,243	16,566,097	17.1%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0	0	50	-100.0%	10	0	0.0%
RBOB 1MO CAL SPD OPTIONS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	0	252	-100.0%	70	6	10.67	0	1,123	-100.0%	389	6	6,383.3%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Options												
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%	300	0	0	0	0	0.0%	5,020	0	0.0%
HEATING OIL CRACK OPTIONS	0	-	-	0	-		0	-	-	0	-	-
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NG HH 3 MONTH CAL	0	0	0.0%	0	0	0	0	500	-100.0%	0	0	0.0%
CRUDE OIL 1MO	0	100	-100.0%	22,901	94,451	-0.76	0	100	-100.0%	108,859	291,201	-62.6%
WTI 12 MONTH CALENDAR OP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NYMEX EUROPEAN GASOIL A	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW PEAK OP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	0	0	0.0%	0	0	0	0	0	0.0%	0	8	-100.0%
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%
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%
HEATING OIL CRK SPD AVG P	0	-	-	0	-		0	-	-	0	-	-
ELECTRICITY OFF PEAK	-	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%
CRUDE OIL CALNDR STRIP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NATURAL GAS 5 M CSO FIN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS 2 M CSO FIN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS 6 M CSO FIN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL CRACK SPREAD AVG	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SINGAPORE GASOIL CALEND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SHORT TERM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS 12 M CSO FIN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SHORT TERM CRUDE OIL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%

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Energy Options												
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%
PJM ELECTRIC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM WES HUB PEAK CAL MTH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50M	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LLS 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%
COAL API2 INDEX	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%
COAL API4 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
1 MO GASOIL CAL SWAP SPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
12 MO GASOIL CAL SWAP SPR	0	-	-	0	-		0	-	-	0	-	-
FX Futures												
AUSTRALIAN DOLLAR	528	522	1.1%	2,092,659	2,537,284	-0.18	1,495	689	117.0%	11,207,860	13,135,684	-14.7%
BRITISH POUND	0	347	-100.0%	3,123,215	3,997,471	-0.22	248	693	-64.2%	14,970,522	14,367,180	4.2%
BRAZIL REAL	0	0	0.0%	46,404	40,996	0.13	0	0	0.0%	295,425	309,445	-4.5%
CANADIAN DOLLAR	0	206	-100.0%	2,122,379	1,659,375	0.28	2,034	744	173.4%	9,142,257	9,631,857	-5.1%
E-MINI EURO FX	0	0	0.0%	124,343	92,941	0.34	0	0	0.0%	548,275	514,381	6.6%
EURO FX	507	560	-9.5%	5,264,986	4,965,177	0.06	2,238	5,798	-61.4%	26,406,668	25,842,356	2.2%
E-MINI JAPANESE YEN	0	0	0.0%	46,047	37,683	0.22	0	0	0.0%	214,857	215,539	-0.3%
JAPANESE YEN	432	337	28.2%	3,749,132	3,539,939	0.06	7,794	2,638	195.5%	20,644,719	19,012,545	8.6%
MEXICAN PESO	0	0	0.0%	1,364,067	1,218,220	0.12	5	0	0.0%	6,298,073	6,751,681	-6.7%
NEW ZEALND DOLLAR	0	0	0.0%	616,030	593,717	0.04	0	0	0.0%	2,964,060	2,724,226	8.8%
NKR/USD CROSS RATE	0	0	0.0%	2,220	3,162	-0.3	0	0	0.0%	10,447	9,341	11.8%
RUSSIAN RUBLE	0	0	0.0%	49,327	38,897	0.27	0	0	0.0%	216,749	177,276	22.3%
S.AFRICAN RAND	0	0	0.0%	48,738	22,157	1.2	0	0	0.0%	242,802	87,924	176.1%
SWISS FRANC	0	0	0.0%	632,818	645,203	-0.02	0	0	0.0%	3,101,256	2,927,085	6.0%
AD/CD CROSS RATES	0	0	0.0%	3	1	2	0	0	0.0%	26	37	-29.7%
AD/JY CROSS RATES	0	0	0.0%	4,036	3,362	0.2	0	0	0.0%	13,205	27,449	-51.9%
AD/NE CROSS RATES	0	0	0.0%	141	117	0.21	0	0	0.0%	510	539	-5.4%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
FX Futures												
BP/JY CROSS RATES	0	0	0.0%	4,447	2,565	0.73	0	0	0.0%	15,824	9,398	68.4%
BP/SF CROSS RATES	0	0	0.0%	72	76	-0.05	0	0	0.0%	544	127	328.3%
CD/JY CROSS RATES	0	0	0.0%	2	0	0	0	0	0.0%	436	9	4,744.4%
EC/AD CROSS RATES	0	0	0.0%	5,472	2,781	0.97	0	0	0.0%	16,466	10,999	49.7%
EC/CD CROSS RATES	0	0	0.0%	10,216	3,596	1.84	0	0	0.0%	25,079	15,155	65.5%
EC/NOK CROSS RATES	0	0	0.0%	78	2	38	0	0	0.0%	284	7	3,957.1%
EC/SEK CROSS RATES	0	0	0.0%	1,198	117	9.24	0	0	0.0%	1,845	439	320.3%
EFX/BP CROSS RATES	0	0	0.0%	123,579	134,499	-0.08	0	0	0.0%	391,945	477,808	-18.0%
EFX/JY CROSS RATES	0	0	0.0%	117,466	69,630	0.69	0	0	0.0%	360,134	260,447	38.3%
EFX/SF CROSS RATES	0	0	0.0%	49,320	75,264	-0.34	0	0	0.0%	186,685	213,320	-12.5%
SF/JY CROSS RATES	0	-	-	0	-		0	-	-	0	-	-
SKR/USD CROSS RATES	0	0	0.0%	2,906	3,318	-0.12	0	0	0.0%	12,337	9,252	33.3%
HUNGARIAN FORINT (US)	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
POLISH ZLOTY (US)	0	0	0.0%	114	609	-0.81	0	0	0.0%	683	2,391	-71.4%
POLISH ZLOTY (EC)	0	0	0.0%	58	2	28	0	0	0.0%	323	4,591	-93.0%
SHEKEL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
RMB USD	0	0	0.0%	42	72	-0.42	0	6	-100.0%	184	1,611	-88.6%
KOREAN WON	0	0	0.0%	56	43	0.3	0	0	0.0%	123	116	6.0%
TURKISH LIRA	0	0	0.0%	0	0	0	0	0	0.0%	12	0	0.0%
TURKISH LIRA (EU)	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
E-MICRO EUR/USD	0	0	0.0%	243,363	270,253	-0.1	0	0	0.0%	1,572,883	1,846,245	-14.8%
E-MICRO GBP/USD	0	0	0.0%	77,236	118,815	-0.35	0	0	0.0%	391,328	385,713	1.5%
E-MICRO USD/CAD	0	0	0.0%	0	0	0	0	0	0.0%	0	22	-100.0%
E-MICRO USD/CHF	0	0	0.0%	0	0	0	0	0	0.0%	0	1	-100.0%
E-MICRO USD/JPY	0	0	0.0%	0	0	0	0	0	0.0%	0	4	-100.0%
E-MICRO AUD/USD	0	0	0.0%	83,523	109,793	-0.24	0	0	0.0%	477,145	542,897	-12.1%
MICRO CHF/USD	0	0	0.0%	908	2,214	-0.59	0	0	0.0%	5,677	13,376	-57.6%
E-MICRO JPY/USD	0	0	0.0%	31,242	33,404	-0.06	0	0	0.0%	270,427	168,447	60.5%
E-MICRO INR/USD	0	0	0.0%	2,804	4,365	-0.36	0	0	0.0%	15,376	8,787	75.0%
FCXRX	0	0	0.0%	291	227	0.28	0	0	0.0%	6,243	283	2,106.0%
E-MICRO USD/CNH	0	0	0.0%	0	1	-1	0	0	0.0%	0	61	-100.0%
CHINESE RENMINBI (CNH)	0	0	0.0%	1,300	1,776	-0.27	0	0	0.0%	8,991	9,363	-4.0%
E-MICRO CAD/USD	0	0	0.0%	21,935	21,857	0	0	0	0.0%	100,874	121,606	-17.0%
INDIAN RUPEE	0	0	0.0%	31,324	20,703	0.51	0	0	0.0%	187,970	76,432	145.9%

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CME Group Exchange Volume Comparison Report - Monthly

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FX Futures												
USDZAR	0	0	0.0%	0	0	0	0	0	0.0%	0	4	-100.0%
FX Options												
AUSTRALIAN DOLLAR	0	2,667	-100.0%	11,469	152,622	-0.92	2,674	5,806	-53.9%	200,250	871,441	-77.0%
BRITISH POUND	2	2,625	-99.9%	90,859	199,565	-0.54	693	24,859	-97.2%	462,114	1,241,544	-62.8%
CANADIAN DOLLAR	5	2,313	-99.8%	10,867	114,098	-0.9	4,597	22,707	-79.8%	183,080	924,683	-80.2%
EURO FX	148	8,972	-98.4%	67,624	824,800	-0.92	8,535	83,930	-89.8%	1,287,538	4,660,913	-72.4%
JAPANESE YEN	150	5,684	-97.4%	45,587	342,644	-0.87	8,468	47,512	-82.2%	544,469	1,848,171	-70.5%
MEXICAN PESO	0	13	-100.0%	1,625	3,220	-0.5	749	733	2.2%	19,688	13,748	43.2%
NEW ZEALND DOLLAR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
RUSSIAN RUBLE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SWISS FRANC	0	10	-100.0%	383	5,281	-0.93	0	247	-100.0%	5,710	43,030	-86.7%
JAPANESE YEN (EU)	0	0	0.0%	3	1,219	-1	0	0	0.0%	140	4,894	-97.1%
EURO FX (EU)	0	0	0.0%	43	5,567	-0.99	0	0	0.0%	333	23,836	-98.6%
SWISS FRANC (EU)	0	-	-	3	-	-	0	-	-	14	-	-
CANADIAN DOLLAR (EU)	0	0	0.0%	8	52	-0.85	0	0	0.0%	86	1,658	-94.8%
BRITISH POUND (EU)	0	0	0.0%	96	706	-0.86	0	0	0.0%	1,044	7,637	-86.3%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	0	0	0	0	0.0%	2	1,044	-99.8%
EUR/USD PQO 2pm Fix	4,037	-	-	630,641	-	-	16,762	-	-	2,630,820	-	-
CAD/USD PQO 2pm Fix	194	-	-	172,085	-	-	2,326	-	-	564,736	-	-
JPY/USD PQO 2pm Fix	1,686	-	-	291,347	-	-	26,536	-	-	1,294,895	-	-
AUD/USD PQO 2pm Fix	1,200	-	-	120,840	-	-	3,175	-	-	479,663	-	-
GBP/USD PQO 2pm Fix	1,909	-	-	304,652	-	-	2,434	-	-	942,345	-	-
CHF/USD PQO 2pm Fix	0	-	-	1,726	-	-	0	-	-	12,263	-	-
Commodities and Alternative Investments												
Futures												
CORN	50,780	89,453	-43.2%	11,421,917	10,825,823	0.06	205,957	268,491	-23.3%	45,285,679	47,739,538	-5.1%
SOYBEAN	10,931	45,555	-76.0%	4,939,729	6,772,448	-0.27	80,929	199,670	-59.5%	25,094,882	33,731,346	-25.6%
SOYBEAN MEAL	1,765	6,765	-73.9%	2,475,311	2,853,770	-0.13	12,460	29,076	-57.1%	12,167,915	13,583,348	-10.4%
SOYBEAN OIL	4,541	6,724	-32.5%	2,881,638	2,731,137	0.06	24,788	25,994	-4.6%	14,259,508	14,208,147	0.4%

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CME Group Exchange Volume Comparison Report - Monthly

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Commodities and Alternative Investments												
Futures												
OATS	0	0	0.0%	21,827	33,065	-0.34	80	0	0.0%	87,710	123,300	-28.9%
ROUGH RICE	0	0	0.0%	29,357	33,577	-0.13	0	0	0.0%	140,055	156,810	-10.7%
MINI CORN	0	0	0.0%	17,017	27,279	-0.38	0	0	0.0%	61,235	77,716	-21.2%
MINI SOYBEAN	0	0	0.0%	15,326	35,605	-0.57	0	0	0.0%	95,037	157,279	-39.6%
MINI WHEAT	0	0	0.0%	9,081	9,684	-0.06	0	0	0.0%	36,545	37,372	-2.2%
LIVE CATTLE	4,302	2,339	83.9%	1,194,924	849,790	0.41	27,772	23,218	19.6%	8,389,782	6,339,295	32.3%
FEEDER CATTLE	20	0	0.0%	257,423	153,962	0.67	423	167	153.3%	1,685,503	1,205,303	39.8%
LEAN HOGS	3,010	2,492	20.8%	1,112,056	932,400	0.19	14,490	12,128	19.5%	5,341,288	4,343,071	23.0%
LUMBER	0	0	0.0%	15,164	16,668	-0.09	0	0	0.0%	99,540	89,718	10.9%
MILK	53	134	-60.4%	25,516	43,916	-0.42	658	301	118.6%	164,568	154,431	6.6%
MLK MID	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	5,511	4,277	0.29	0	0	0.0%	30,966	31,742	-2.4%
BUTTER CS	0	0	0.0%	2,532	2,491	0.02	0	0	0.0%	17,687	18,260	-3.1%
CLASS IV MILK	1	0	0.0%	719	1,829	-0.61	61	0	0.0%	6,948	5,896	17.8%
DRY WHEY	0	0	0.0%	1,340	1,295	0.03	0	0	0.0%	12,893	7,034	83.3%
GSCI EXCESS RETURN FUT	0	0	0.0%	346	366	-0.05	0	0	0.0%	702	786	-10.7%
GOLDMAN SACHS	0	0	0.0%	34,718	26,434	0.31	0	0	0.0%	206,734	162,840	27.0%
HDD WEATHER	0	0	0.0%	0	0	0	0	0	0.0%	50	78	-35.9%
CDD WEATHER	0	0	0.0%	25	0	0	0	0	0.0%	25	200	-87.5%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0	0	0	0.0%	50	100	-50.0%
CAT WEATHER EUROPEAN	-	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	50	-100.0%
CAT EURO SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HOUSING INDEX	0	0	0.0%	13	3	3.33	0	0	0.0%	76	54	40.7%
DOW-UBS COMMOD INDEX	0	0	0.0%	109,564	61,276	0.79	0	0	0.0%	441,591	209,175	111.1%
COTTON	0	0	0.0%	1	38	-0.97	0	0	0.0%	15	346	-95.7%
COCOA TAS	0	0	0.0%	7	252	-0.97	0	0	0.0%	81	1,335	-93.9%
COFFEE	0	0	0.0%	0	52	-1	0	0	0.0%	40	131	-69.5%
SUGAR 11	0	0	0.0%	7	42	-0.83	0	0	0.0%	32	324	-90.1%
USD CRUDE PALM OIL	0	-	-	0	-		0	-	-	0	-	-
CASH-SETTLED CHEESE	0	0	0.0%	7,814	15,417	-0.49	0	0	0.0%	60,242	69,909	-13.8%
FERTILIZER PRODUCS	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 JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
Commodities and Alternative Investments												
Futures												
CHI WHEAT	19,556	25,044	-21.9%	4,076,578	3,642,147	0.12	108,649	110,112	-1.3%	17,583,865	16,562,106	6.2%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
KC WHEAT	2,585	2,634	-1.9%	1,653,159	1,186,070	0.39	8,318	9,423	-11.7%	6,390,039	4,726,151	35.2%
Intercommodity Spread	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PALM OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Commodities and Alternative Investments												
Options												
CORN	983,791	1,560,641	-37.0%	2,326,296	2,539,668	-0.08	3,645,212	4,616,672	-21.0%	8,724,049	8,288,430	5.3%
SOYBEAN	260,203	684,468	-62.0%	1,393,576	1,682,350	-0.17	1,789,511	2,961,378	-39.6%	6,236,486	8,830,542	-29.4%
SOYBEAN MEAL	54,276	69,127	-21.5%	146,910	159,409	-0.08	337,074	416,889	-19.1%	757,347	935,071	-19.0%
SOYBEAN OIL	93,226	99,480	-6.3%	98,425	111,483	-0.12	564,512	581,310	-2.9%	579,094	637,472	-9.2%
SOYBEAN CRUSH	30	676	-95.6%	0	0	0	455	4,406	-89.7%	0	0	0.0%
OATS	401	251	59.8%	1,211	847	0.43	3,167	3,061	3.5%	4,190	3,911	7.1%
ROUGH RICE	1,767	31	5,600.0%	1,109	1,380	-0.2	7,125	2,099	239.4%	6,266	10,091	-37.9%
WHEAT	214	0	0.0%	20	0	0	997	0	0.0%	417	0	0.0%
LIVE CATTLE	44,910	92,216	-51.3%	181,846	190,174	-0.04	350,514	868,908	-59.7%	1,236,121	1,482,426	-16.6%
FEEDER CATTLE	6,371	3,977	60.2%	22,251	25,867	-0.14	23,262	24,024	-3.2%	188,043	180,548	4.2%
LEAN HOGS	44,708	44,806	-0.2%	175,449	134,750	0.3	164,759	205,729	-19.9%	968,200	718,547	34.7%
LUMBER	0	30	-100.0%	944	669	0.41	30	95	-68.4%	7,143	5,417	31.9%
MILK	10,499	20,401	-48.5%	19,206	22,782	-0.16	74,308	75,022	-1.0%	142,497	85,719	66.2%
MLK MID	30	86	-65.1%	0	0	0	485	219	121.5%	0	0	0.0%
NFD MILK	934	1,205	-22.5%	3,336	1,035	2.22	10,176	15,706	-35.2%	17,143	7,310	134.5%
BUTTER CS	1,009	621	62.5%	370	315	0.17	5,794	6,571	-11.8%	1,715	1,327	29.2%
CLASS IV MILK	264	330	-20.0%	2,453	1,810	0.36	2,124	903	135.2%	9,270	2,876	222.3%
DRY WHEY	70	3	2,233.3%	116	0	0	1,720	610	182.0%	753	19	3,863.2%
HDD WEATHER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
Commodities and Alternative Investments												
Options												
CAT WEATHER EUROPEAN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HOUSING INDEX	0	0	0.0%	1	0	0	0	0	0.0%	25	18	38.9%
CORN NEARBY+2 CAL SPRD	3,695	10,261	-64.0%	45	10	3.5	6,817	27,182	-74.9%	77	76	1.3%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	0	0	0	460	350	31.4%	600	0	0.0%
WHEAT NEARBY+2 CAL SPRD	646	3,231	-80.0%	686	268	1.56	4,026	24,965	-83.9%	2,947	1,189	147.9%
JULY-DEC CORN CAL SPRD	2,070	3,950	-47.6%	0	4	-1	17,402	34,934	-50.2%	0	175	-100.0%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JULY-NOV SOYBEAN CAL SPR	4,723	20,650	-77.1%	0	5	-1	69,340	60,379	14.8%	1,317	263	400.8%
JULY-DEC WHEAT CAL SPRD	164	4,610	-96.4%	200	35	4.71	1,414	33,174	-95.7%	200	145	37.9%
JULY-JULY WHEAT CAL SPRD	0	20	-100.0%	0	13	-1	0	480	-100.0%	0	13	-100.0%
NOV-NOV SOYBEAN CAL SPR	3	192	-98.4%	0	0	0	79	561	-85.9%	0	0	0.0%
SOYMEAL NEARBY+2 CAL SPR	0	410	-100.0%	0	0	0	0	3,785	-100.0%	0	0	0.0%
LV CATL CSO	100	6	1,566.7%	0	0	0	1,257	249	404.8%	0	0	0.0%
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0	630	0	0.0%	10	0	0.0%
NOV-JULY SOYBEAN CAL SPR	600	0	0.0%	0	0	0	625	0	0.0%	0	0	0.0%
SOY OIL NEARBY+2 CAL SPRD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CASH-SETTLED CHEESE	2,019	7,577	-73.4%	1,361	2,745	-0.5	24,094	26,669	-9.7%	19,147	16,346	17.1%
DEC-JULY CORN CAL SPRD	11,620	200	5,710.0%	0	0	0	17,820	200	8,810.0%	0	0	0.0%
WHEAT-CORN IC SO	2,000	535	273.8%	0	0	0	5,205	6,092	-14.6%	6	0	0.0%
DEC-DEC CORN CAL SPRD	1,555	6,235	-75.1%	187	0	0	5,475	11,197	-51.1%	187	5	3,640.0%
AUG-NOV SOYBEAN CAL SPR	3	20	-85.0%	0	0	0	53	20	165.0%	0	0	0.0%
MAR-DEC CORN CAL SPRD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CHI WHEAT	185,847	223,562	-16.9%	792,672	519,830	0.52	968,723	1,175,664	-17.6%	3,192,342	2,887,923	10.5%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0	0	0	2,416	-100.0%	0	4	-100.0%
KC WHEAT	26,616	32,796	-18.8%	60,603	31,631	0.92	100,134	116,172	-13.8%	211,574	106,034	99.5%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0	1,293	1,650	-21.6%	76	0	0.0%
AUG-DEC SOYBEAN MEAL CS	0	5	-100.0%	0	0	0	0	5	-100.0%	0	0	0.0%
Intercommodity Spread	200	1,395	-85.7%	0	0	0	701	3,395	-79.4%	0	0	0.0%
SEP-DEC SOYBEAN MEAL CSC	-	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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Ags Futures												
WHEAT	0	-	-	22,072	-		0	-	-	86,752	-	-
FERTILIZER PRODUCTS	0	-	-	0	-		0	-	-	0	-	-
Ags Options												
WHEAT	0	-	-	0	-		0	-	-	10	-	-
Foreign Exchange Futures												
CHILEAN PESO	0	0	0.0%	3,374	0	0	0	6	-100.0%	4,482	4	111,950.0%
TOTAL FUTURES GROUP												
Interest Rate Futures	738,855	871,204	-15.2%	115,941,017	115,835,881	0.1%	5,167,178	4,798,326	7.7%	773,005,885	684,945,606	12.9%
Equity Index Futures	153,247	255,109	-39.9%	54,719,734	61,240,901	-10.6%	482,444	762,214	-36.7%	252,895,944	324,600,656	-22.1%
Metals Futures	0	10,454	-100.0%	10,024,958	9,211,375	8.8%	0	77,103	-100.0%	57,784,746	49,428,981	16.9%
Energy Futures	0	3,643	-100.0%	47,779,994	38,547,596	24.0%	0	23,891	-100.0%	252,796,727	232,951,603	8.5%
FX Futures	1,467	1,972	-25.6%	20,095,497	20,271,684	-0.9%	13,814	10,568	30.7%	100,327,529	99,913,456	0.4%
Commodities and Alternative Inve	97,544	181,140	-46.1%	30,308,620	30,261,113	0.2%	484,585	678,580	-28.6%	137,661,283	143,743,191	-4.2%
Ags Futures	0	-	-	22,072	-		0	-	-	86,752	-	-
Foreign Exchange Futures	0	0	0.0%	3,374	0	0.0%	0	6	-100.0%	4,482	4	111,950.0%
TOTAL FUTURES	991,113	1,323,522	-25.1%	278,895,266	275,368,550	1.3%	6,148,021	6,350,688	-3.2%	1,574,563,348	1,535,583,497	2.5%

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TOTAL OPTIONS GROUP												
Equity Index Options	1,108,833	1,574,556	-29.6%	12,854,782	14,163,099	-9.2%	6,451,275	7,462,447	-13.6%	79,410,823	70,662,890	12.4%
Interest Rate Options	17,496,672	20,891,064	-16.2%	21,711,049	17,505,552	24.0%	133,777,316	129,580,449	3.2%	129,260,784	86,802,123	48.9%
Metals Options	0	74,439	-100.0%	734,008	718,894	2.1%	0	520,102	-100.0%	4,359,675	4,394,690	-0.8%
Energy Options	0	37,743	-100.0%	4,776,424	3,318,639	43.9%	0	245,632	-100.0%	26,664,578	20,470,079	30.3%
FX Options	9,331	22,284	-58.1%	1,749,858	1,649,774	6.1%	76,949	185,794	-58.6%	8,629,190	9,642,599	-10.5%
Commodities and Alternative Inve	1,744,564	2,894,004	-39.7%	5,229,273	5,427,080	-3.6%	8,206,773	11,313,141	-27.5%	22,307,242	24,201,897	-7.8%
Ags Options	0	-	-	0	-	-	0	-	-	10	-	-
TOTAL OPTIONS	20,359,400	25,494,090	-20.1%	47,055,394	42,783,038	10.0%	148,512,313	149,307,565	-0.5%	270,632,302	216,174,278	25.2%
TOTAL COMBINED												
Interest Rate	18,235,527	21,762,268	-16.2%	137,652,066	133,341,433	3.2%	138,944,494	134,378,775	3.4%	902,266,669	771,747,729	16.9%
Equity Index	1,262,080	1,829,665	-31.0%	67,574,516	75,404,000	-10.4%	6,933,719	8,224,661	-15.7%	332,306,767	395,263,546	-15.9%
Metals	0	84,893	-100.0%	10,758,966	9,930,269	8.3%	0	597,205	-100.0%	62,144,421	53,823,671	15.5%
Energy	0	41,386	-100.0%	52,556,418	41,866,235	25.5%	0	269,523	-100.0%	279,461,305	253,421,682	10.3%
FX	10,798	24,256	-55.5%	21,845,355	21,921,458	-0.3%	90,763	196,362	-53.8%	108,956,719	109,556,055	-0.5%
Commodities and Alternative Inve	1,842,108	3,075,144	-40.1%	35,537,893	35,688,193	-0.4%	8,691,358	11,991,721	-27.5%	159,968,525	167,945,088	-4.7%
Ags	0	-	-	22,072	-	-	0	-	-	86,762	-	-
Foreign Exchange	0	0	0.0%	3,374	0	0.0%	0	6	-100.0%	4,482	4	111,950.0%
GRAND TOTAL	21,350,513	26,817,612	-20.4%	325,950,660	318,151,588	2.5%	154,660,334	155,658,253	-0.6%	1,845,195,650	1,751,757,775	5.3%

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