



CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Interest Rate Futures												
10-YR NOTE	123,633	117,904	4.9%	30,284,363	31,705,274	-4.48%	123,633	117,904	4.9%	30,284,363	31,705,274	-4.5%
10-YR SWAP RATE	0	0	0.0%	25,082	35,041	-28.42%	0	0	0.0%	25,082	35,041	-28.4%
15-YR SWAP RATE	0	-	-	0	-	-	0	-	-	0	-	-
1-MONTH EURODOLLAR	0	0	0.0%	60	1,582	-96.21%	0	0	0.0%	60	1,582	-96.2%
20-YR SWAP RATE	0	-	-	0	-	-	0	-	-	0	-	-
2-YR NOTE	33	375	-91.2%	8,829,777	7,472,762	18.16%	33	375	-91.2%	8,829,777	7,472,762	18.2%
2-YR SWAP RATE	0	-	-	39,394	-	-	0	-	-	39,394	-	-
30-YR BOND	20,157	10,925	84.5%	6,254,420	6,511,141	-3.94%	20,157	10,925	84.5%	6,254,420	6,511,141	-3.9%
30-YR SWAP RATE	0	0	0.0%	437	340	28.53%	0	0	0.0%	437	340	28.5%
3-YR SWAP RATE	0	-	-	3,428	-	-	0	-	-	3,428	-	-
4-YR SWAP RATE	0	-	-	3,639	-	-	0	-	-	3,639	-	-
5-YR NOTE	22,981	30,562	-24.8%	19,503,278	17,190,602	13.45%	22,981	30,562	-24.8%	19,503,278	17,190,602	13.5%
5-YR SWAP RATE	0	0	0.0%	59,360	28,039	111.71%	0	0	0.0%	59,360	28,039	111.7%
7-YR SWAP RATE	0	-	-	1,260	-	-	0	-	-	1,260	-	-
EURODOLLARS	756,586	843,154	-10.3%	59,620,870	67,113,956	-11.16%	756,586	843,154	-10.3%	59,620,870	67,113,956	-11.2%
FED FUND	0	0	0.0%	6,573,555	4,069,201	61.54%	0	0	0.0%	6,573,555	4,069,201	61.5%
SOFR	0	-	-	370,213	-	-	0	-	-	370,213	-	-
SONIA	0	-	-	129,435	-	-	0	-	-	129,435	-	-
Ultra 10-Year Note	0	0	0.0%	3,023,087	2,980,278	1.44%	0	0	0.0%	3,023,087	2,980,278	1.4%
ULTRA T-BOND	32	0	0.0%	2,451,926	2,478,787	-1.08%	32	0	0.0%	2,451,926	2,478,787	-1.1%
Interest Rate Options												
10-YR NOTE	2,247,542	2,089,452	7.6%	11,004,921	10,859,295	1.34%	2,247,542	2,089,452	7.6%	11,004,921	10,859,295	1.3%
2-YR NOTE	111,092	105,606	5.2%	181,330	200,784	-9.69%	111,092	105,606	5.2%	181,330	200,784	-9.7%
30-YR BOND	270,916	304,619	-11.1%	2,243,019	2,689,706	-16.61%	270,916	304,619	-11.1%	2,243,019	2,689,706	-16.6%
5-YR NOTE	547,221	694,733	-21.2%	3,330,486	2,488,869	33.82%	547,221	694,733	-21.2%	3,330,486	2,488,869	33.8%
EURODOLLARS	13,904,370	9,202,270	51.1%	5,615,996	6,116,264	-8.18%	13,904,370	9,202,270	51.1%	5,615,996	6,116,264	-8.2%
EURO MIDCURVE	8,057,904	11,754,629	-31.4%	6,288,563	7,757,952	-18.94%	8,057,904	11,754,629	-31.4%	6,288,563	7,757,952	-18.9%
FED FUND	0	0	0.0%	0	751	-100.00%	0	0	0.0%	0	751	-100.0%
Ultra 10-Year Note	0	0	0.0%	1	25	-96.00%	0	0	0.0%	1	25	-96.0%
ULTRA T-BOND	20,785	2,282	810.8%	3,328	1,429	132.89%	20,785	2,282	810.8%	3,328	1,429	132.9%

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Equity Index Futures												
BITCOIN FUTURES	0	0	0.0%	91,148	28,526	219.53%	0	0	0.0%	91,148	28,526	219.5%
DJ US REAL ESTATE	0	0	0.0%	19,440	20,541	-5.36%	0	0	0.0%	19,440	20,541	-5.4%
E-mini (\$5) Dow	0	0	0.0%	4,898,841	3,616,789	35.45%	0	0	0.0%	4,898,841	3,616,789	35.4%
E-mini FTSE 100 (USD)	0	0	0.0%	336	1,198	-71.95%	0	0	0.0%	336	1,198	-72.0%
E-mini FTSE China 50	0	0	0.0%	588	1,318	-55.39%	0	0	0.0%	588	1,318	-55.4%
E-MINI MIDCAP	0	0	0.0%	297,841	313,838	-5.10%	0	0	0.0%	297,841	313,838	-5.1%
E-MINI NASDAQ 100	0	0	0.0%	10,792,088	6,913,452	56.10%	0	0	0.0%	10,792,088	6,913,452	56.1%
E-MINI RUSSELL 1000	0	0	0.0%	2,585	10,008	-74.17%	0	0	0.0%	2,585	10,008	-74.2%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,675	4,951	-66.17%	0	0	0.0%	1,675	4,951	-66.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	7,808	8,663	-9.87%	0	0	0.0%	7,808	8,663	-9.9%
E-MINI RUSSELL 2000	0	0	0.0%	2,869,515	2,217,551	29.40%	0	0	0.0%	2,869,515	2,217,551	29.4%
E-MINI S&P500	0	0	0.0%	33,784,478	28,668,598	17.84%	0	0	0.0%	33,784,478	28,668,598	17.8%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	6,859	1,588	331.93%	0	0	0.0%	6,859	1,588	331.9%
FT-SE 100	0	0	0.0%	372	1,176	-68.37%	0	0	0.0%	372	1,176	-68.4%
FTSE Emerging	0	0	0.0%	1,959	224	774.55%	0	0	0.0%	1,959	224	774.6%
IBOVESPA INDEX	0	0	0.0%	519	717	-27.62%	0	0	0.0%	519	717	-27.6%
NASDAQ BIOTECH	0	0	0.0%	4	0	0.00%	0	0	0.0%	4	0	0.0%
NIFTY 50	0	0	0.0%	0	35,986	-100.00%	0	0	0.0%	0	35,986	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	211,794	338,230	-37.38%	0	0	0.0%	211,794	338,230	-37.4%
NIKKEI 225 (YEN) STOCK	228	0	0.0%	729,050	857,093	-14.94%	228	0	0.0%	729,050	857,093	-14.9%
S&P 500	9,140	16,715	-45.3%	2,311	6,513	-64.52%	9,140	16,715	-45.3%	2,311	6,513	-64.5%
S&P 500/GI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
S&P 500/VALUE	0	0	0.0%	8,683	4,235	105.03%	0	0	0.0%	8,683	4,235	105.0%
S&P 600 SMALLCAP EMINI	0	-	-	0	-		0	-	-	0	-	-
S&P CONSUMER DSCRTNRY S	0	0	0.0%	13,768	7,382	86.51%	0	0	0.0%	13,768	7,382	86.5%
S&P CONSUMER STAPLES SE	0	0	0.0%	12,031	4,762	152.65%	0	0	0.0%	12,031	4,762	152.6%
S&P ENERGY SECTOR	0	0	0.0%	18,646	12,707	46.74%	0	0	0.0%	18,646	12,707	46.7%
S&P FINANCIAL SECTOR	0	0	0.0%	20,412	12,928	57.89%	0	0	0.0%	20,412	12,928	57.9%
S&P HEALTH CARE SECTOR	0	0	0.0%	15,650	5,978	161.79%	0	0	0.0%	15,650	5,978	161.8%
S&P INDUSTRIAL SECTOR	0	0	0.0%	15,262	6,753	126.00%	0	0	0.0%	15,262	6,753	126.0%
S&P MATERIALS SECTOR	0	0	0.0%	7,918	7,360	7.58%	0	0	0.0%	7,918	7,360	7.6%
S&P TECHNOLOGY SECTOR	0	0	0.0%	21,863	9,232	136.82%	0	0	0.0%	21,863	9,232	136.8%
S&P UTILITIES SECTOR	0	0	0.0%	25,475	11,158	128.31%	0	0	0.0%	25,475	11,158	128.3%
YEN DENOMINATED TOPIX	0	-	-	1,154	-		0	-	-	1,154	-	-

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Equity Index Options												
E-mini (\$5) Dow	0	0	0.0%	7,323	9,963	-26.50%	0	0	0.0%	7,323	9,963	-26.5%
E-MINI NASDAQ 100	0	0	0.0%	277,067	348,591	-20.52%	0	0	0.0%	277,067	348,591	-20.5%
E-MINI RUSSELL 2000	0	0	0.0%	4,188	7,385	-43.29%	0	0	0.0%	4,188	7,385	-43.3%
E-MINI S&P500	0	0	0.0%	4,219,941	5,459,098	-22.70%	0	0	0.0%	4,219,941	5,459,098	-22.7%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	2,570	3,299	-22.10%	0	0	0.0%	2,570	3,299	-22.1%
EOM EMINI S&P	0	0	0.0%	1,913,170	3,187,905	-39.99%	0	0	0.0%	1,913,170	3,187,905	-40.0%
EOM S&P 500	149,049	368,714	-59.6%	0	0	0.00%	149,049	368,714	-59.6%	0	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	406	1,852	-78.08%	0	0	0.0%	406	1,852	-78.1%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	408	3,276	-87.55%	0	0	0.0%	408	3,276	-87.5%
EOW1 EMINI S&P 500	0	0	0.0%	1,142,405	1,411,990	-19.09%	0	0	0.0%	1,142,405	1,411,990	-19.1%
EOW1 S&P 500	105,947	119,378	-11.3%	0	0	0.00%	105,947	119,378	-11.3%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	1,318	3,420	-61.46%	0	0	0.0%	1,318	3,420	-61.5%
EOW2 EMINI S&P 500	0	0	0.0%	1,004,329	1,266,196	-20.68%	0	0	0.0%	1,004,329	1,266,196	-20.7%
EOW2 S&P 500	199,923	236,629	-15.5%	0	0	0.00%	199,923	236,629	-15.5%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	6,223	20,102	-69.04%	0	0	0.0%	6,223	20,102	-69.0%
EOW3 EMINI S&P 500	0	0	0.0%	3,382,165	4,999,518	-32.35%	0	0	0.0%	3,382,165	4,999,518	-32.4%
EOW3 S&P 500	222,046	777,727	-71.4%	0	0	0.00%	222,046	777,727	-71.4%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	1,064	5,368	-80.18%	0	0	0.0%	1,064	5,368	-80.2%
EOW4 EMINI S&P 500	0	0	0.0%	1,048,281	1,410,975	-25.71%	0	0	0.0%	1,048,281	1,410,975	-25.7%
S&P 500	293,724	314,301	-6.5%	0	0	0.00%	293,724	314,301	-6.5%	0	0	0.0%

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Metals Futures												
ALUMINUM	0	0	0.0%	1,524	287	431.01%	0	0	0.0%	1,524	287	431.0%
COMEX COPPER	0	0	0.0%	1,996,773	2,736,258	-27.03%	0	0	0.0%	1,996,773	2,736,258	-27.0%
COMEX E-Mini GOLD	0	0	0.0%	6,242	8,131	-23.23%	0	0	0.0%	6,242	8,131	-23.2%
COMEX E-Mini SILVER	0	0	0.0%	833	1,001	-16.78%	0	0	0.0%	833	1,001	-16.8%
COMEX GOLD	0	0	0.0%	6,010,429	8,885,002	-32.35%	0	0	0.0%	6,010,429	8,885,002	-32.4%
COMEX MINY COPPER	0	0	0.0%	475	682	-30.35%	0	0	0.0%	475	682	-30.4%
COMEX SILVER	0	0	0.0%	1,482,374	2,133,709	-30.53%	0	0	0.0%	1,482,374	2,133,709	-30.5%
COPPER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
E-MICRO GOLD	0	0	0.0%	208,804	142,636	46.39%	0	0	0.0%	208,804	142,636	46.4%
FERROUS PRODUCTS	0	0	0.0%	460	12	3,733.33%	0	0	0.0%	460	12	3,733.3%
GOLD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
Gold Kilo	0	0	0.0%	0	4	-100.00%	0	0	0.0%	0	4	-100.0%
IRON ORE 62 CHINA PLATTS F	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTU	0	0	0.0%	14	3	366.67%	0	0	0.0%	14	3	366.7%
LNDN ZINC	0	0	0.0%	567	29	1,855.17%	0	0	0.0%	567	29	1,855.2%
NYMEX HOT ROLLED STEEL	0	0	0.0%	3,222	3,125	3.10%	0	0	0.0%	3,222	3,125	3.1%
NYMEX PLATINUM	0	0	0.0%	344,908	432,982	-20.34%	0	0	0.0%	344,908	432,982	-20.3%
PALLADIUM	0	0	0.0%	102,715	94,027	9.24%	0	0	0.0%	102,715	94,027	9.2%
SILVER	0	0	0.0%	15,354	6,212	147.17%	0	0	0.0%	15,354	6,212	147.2%
URANIUM	0	0	0.0%	32	50	-36.00%	0	0	0.0%	32	50	-36.0%

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Metals Options												
COMEX COPPER	0	0	0.0%	35,297	17,797	98.33%	0	0	0.0%	35,297	17,797	98.3%
COMEX GOLD	0	0	0.0%	741,064	739,473	0.22%	0	0	0.0%	741,064	739,473	0.2%
COMEX SILVER	0	0	0.0%	121,877	126,801	-3.88%	0	0	0.0%	121,877	126,801	-3.9%
COPPER	0	-	-	30	-	-	0	-	-	30	-	-
GOLD	0	0	0.0%	47,695	36,604	30.30%	0	0	0.0%	47,695	36,604	30.3%
HOT ROLLED COIL STEEL CAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI CALL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI PUT O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX PLATINUM	0	0	0.0%	766	2,919	-73.76%	0	0	0.0%	766	2,919	-73.8%
PALLADIUM	0	0	0.0%	760	1,648	-53.88%	0	0	0.0%	760	1,648	-53.9%
SILVER	0	0	0.0%	2,630	92	2,758.70%	0	0	0.0%	2,630	92	2,758.7%
Energy Futures												
3.5% FUEL OIL CID MED SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
3.5% FUEL OIL CIF BALMO S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ALGONQUIN CITYGATES BASI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ANR LOUISIANA BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ANR OKLAHOMA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	0	0	0.0%	0	30	-100.00%	0	0	0.0%	0	30	-100.0%
ARGUS PROPAN FAR EST IND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS PROPAN(SAUDI ARAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
AUSTRIALIAN COKE COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CFD SWAP	0	-	-	0	-	-	0	-	-	0	-	-
BRENT FINANCIAL FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	1,597,998	1,355,019	17.93%	0	0	0.0%	1,597,998	1,355,019	17.9%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Energy Futures												
CAISO SP15 EZGNHUB5 MW P	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CAISO SP15 EZGNHUB5 PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CANADIAN LIGHT SWEET OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CENTERPOINT BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CEU ENERGY	0	0	0.0%	5,687	534	964.98%	0	0	0.0%	5,687	534	965.0%
CHICAGO ETHANOL SWAP	0	0	0.0%	421	206	104.37%	0	0	0.0%	421	206	104.4%
CHICAGO ULSD (PLATTS) SWA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CHICAGO ULSD PL VS HO SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CIG BASIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CIG ROCKIES NG INDEX SWA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CINERGY HUB OFF-PEAK MON	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CINERGY HUB PEAK MONTH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW REAL TIME O P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW REAL TIME PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COAL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COLUMB GULF MAINLINE NG B	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COLUMBIA GULF ONSHORE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CONWAY NATURAL GASOLINE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY NORMAL BUTANE (O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY PROPANE 5 DECIMA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL	0	0	0.0%	0	89	-100.00%	0	0	0.0%	0	89	-100.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	0	0	0.0%	25,481,055	27,965,863	-8.89%	0	0	0.0%	25,481,055	27,965,863	-8.9%
CRUDE OIL SPRDS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL TRADE AT MARKE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DAILY PJM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DATED TO FRONTLINE BRENT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DIESEL 10P BRG FOB RDM VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DIESEL 10PPM BARGES FOB B	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DOMINION TRAN INC - APP I	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Energy Futures												
DOMINION TRANSMISSION INC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DY EURO 3.5% FUEL OI RDA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EASTERN RAIL DELIVERY CSX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ELEC ERCOT DLY OFF PK	0	-	-	0	-		0	-	-	0	-	-
ELEC ERCOT DLY PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	0	-	-	0	-		0	-	-	0	-	-
ELEC FINSETTLED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ELEC MISO PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ELECTRICITY ERCOT PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ELECTRICITY OFF PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ELEC WEST POWER OFF-PEA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ELEC WEST POWER PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ERCOT DAILY 5MW PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ERCOT HOUSTON Z MCPE 5M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL	0	0	0.0%	10,629	10,502	1.21%	0	0	0.0%	10,629	10,502	1.2%
ETHANOL SWAP	0	-	-	0	-		0	-	-	0	-	-
ETHANOL T2 FOB ROTT INCL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO 1% FUEL OIL NEW BALM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO 3.5% FUEL OIL SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO-DENOMINATED PETRO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO GASOIL 10PPM VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL NWE CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL RDAM C	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Energy Futures												
EUROPEAN GASOIL (ICE)	0	0	0.0%	128	126	1.59%	0	0	0.0%	128	126	1.6%
EUROPEAN NAPHTHA BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN NAPHTHA CRACK S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE DATED BRENT SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE NAPHTHA CALSWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO PROPANE CIF ARA SW	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FLORIDA GAS ZONE3 BASIS S	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL CRACK VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUELOIL SWAP:CARGOES VS.	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF MED SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GASOIL 0.1CIF MED VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF NWE VS ISE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 ROTTERDAM BAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 10P CRG CIF NW VS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GASOIL 10PPM VS ICE SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL BULLET SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GASOIL CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL CRACK SPREAD CALE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL MINI CALENDAR SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GROUP THREE ULSD (PLATTS)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GROUP THREE UNLEAD GAS (0	-	-	0	-	-	0	-	-	0	-	-
GRP THREE ULSD(PLT)VS HEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GRP THREE UNL GS (PLT) VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST 3% FUEL OIL BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST JET FUEL CLNDF	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Energy Futures												
GULF COAST JET VS NYM 2 H	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST NO.6 FUEL OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CALEND A	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	0	0.0%	3,188,032	4,270,255	-25.34%	0	0	0.0%	3,188,032	4,270,255	-25.3%
HENRY HUB BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	1,321	-100.00%	0	0	0.0%	0	1,321	-100.0%
HENRY HUB INDEX SWAP FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HENRY HUB SWAP	0	0	0.0%	122	3,265	-96.26%	0	0	0.0%	122	3,265	-96.3%
HOUSTON SHIP CHANNEL BAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HTG OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ICE BRENT DUBAI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ICE GASOIL BALMO SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IN DELIVERY MONTH EUA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
INDIANA MISO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
INDONESIAN COAL IC14	0	-	-	0	-		0	-	-	0	-	-
ISO NEW ENGLAND OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ISO NEW ENGLAND PK LMP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA CRACK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN NAPHTHA BALMO SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JET AV FUEL (P) CAR FM ICE G	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JET CIF NWE VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JET FUEL BRG FOB RDM VS I	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JET FUEL CRG CIF NEW VS I	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JET FUEL UP-DOWN BALMO C	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
LA CARB DIESEL (OPIS) SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA CARBOB GASOLINE(OPIS)S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA JET FUEL VS NYM NO 2 H	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
LA JET (OPIS) SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Energy Futures												
LLS (ARGUS) CALENDAR SWA	0	-	-	0	-		0	-	-	0	-	-
LLS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LOS ANGELES CARB GASOLIN	0	-	-	0	-		0	-	-	0	-	-
LTD NAT GAS	0	0	0.0%	170,932	415,983	-58.91%	0	0	0.0%	170,932	415,983	-58.9%
MARS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI TRD M	0	0	0.0%	480	0	0.00%	0	0	0.0%	480	0	0.0%
MARS BLEND CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	24	-100.00%	0	0	0.0%	0	24	-100.0%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MGF FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MGN1 SWAP FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MICHIGAN BASIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MICHIGAN MISO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOBARG NWE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOB(ARGUS) N	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MINY HTG OIL	0	0	0.0%	3	4	-25.00%	0	0	0.0%	3	4	-25.0%
MINY NATURAL GAS	0	0	0.0%	42,749	64,447	-33.67%	0	0	0.0%	42,749	64,447	-33.7%
MINY RBOB GAS	0	0	0.0%	6	3	100.00%	0	0	0.0%	6	3	100.0%
MINY WTI CRUDE OIL	0	0	0.0%	508,044	209,210	142.84%	0	0	0.0%	508,044	209,210	142.8%
MJC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MNC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE 5 DEC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE OPIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	17	19	-10.53%	0	0	0.0%	17	19	-10.5%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NAT GAS BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS	0	0	0.0%	36,454	108,439	-66.38%	0	0	0.0%	36,454	108,439	-66.4%
NATURAL GAS FIXED PRICE S	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NATURAL GAS INDEX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Energy Futures												
NATURAL GAS PEN SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS PHY	0	0	0.0%	8,912,136	13,724,620	-35.06%	0	0	0.0%	8,912,136	13,724,620	-35.1%
NEPOOL CNCTCT 5MW D AH O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEPOOL CONECTIC 5MW D AH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEPOOL RHD ISLD 5MW D AH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEPOOL RHODE IL 5MW D AH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEPOOL W CNTR M 5MW D AH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW ENGLAND HUB PEAK DAI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE G PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NGPL TEX/OK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
N ILLINOIS HUB DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
N ILLINOIS HUB MTHLY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS DEM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS VEN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NORTHERN ILLINOIS OFF-PEA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NORTHWEST ROCKIES BASIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY 2.2% FUEL OIL (PLATTS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY 3.0% FUEL OIL (PLATTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR 1% FUEL OIL BAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	0	8	-100.00%	0	0	0.0%	0	8	-100.0%
NY HARBOR LOW SULPUR GA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL	0	-	-	0	-		0	-	-	0	-	-
NYH NO 2 CRACK SPREAD CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Energy Futures												
NYISO A	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO A OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO CAPACITY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO G	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO G OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO J	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO J OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE C 5MW D AH O P	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO ZONE C 5MW D AH PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO ZONE G 5MW D AH O P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH O P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX ALUMINUM FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY ULSD (ARGUS) VS HEATIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ONEOK OKLAHOMA NG BASIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PANHANDLE BASIS SWAP FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS ASIA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM AECO DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM AECO DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Energy Futures												
PJM APS ZONE DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM APS ZONE DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM ATSI ELEC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM BGE DA OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM BGE DA PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM COMED 5MW D AH O PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM COMED 5MW D AH PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM DAYTON DA PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM JCPL DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM JCPL DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM MONTHLY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM NILL DA OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM NILL DA PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM OFF-PEAK LMP SWAP FU	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK C	0	-	-	0	-		0	-	-	0	-	-
PJM PPL DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM PPL DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM PSEG DA OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM PSEG DA PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTHDA PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTH RT OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PLASTICS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PREMIUM UNLD 10P FOB MED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PREMIUM UNLEAD 10PPM FOB	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PREM UNL GAS 10PPM RDAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PREM UNL GAS 10PPM RDAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MB (OPIS)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MT. BEL (0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Energy Futures												
RBOB CRACK SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CRACK SPREAD BALMO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RBOB GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB GASOLINE BALMO CLNC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	3,733,298	4,056,684	-7.97%	0	0	0.0%	3,733,298	4,056,684	-8.0%
RBOB SPREAD (PLATTS) SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SAN JUAN BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	0	-	-	0	-		0	-	-	0	-	-
SINGAPORE 180CST BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE 380CST BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE 380CST FUEL OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL 180CST CAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALEND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO GASOI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET KEROSENE S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO VS. GA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE NAPHTHA SWAP	0	-	-	0	-		0	-	-	0	-	-
SING FUEL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SONAT BASIS SWAP FUTURE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SOUTH STAR TEX OKLHM KNS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Sumas Basis Swap	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SUMAS NAT GAS PLATTS FIXE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TC2 ROTTERDAM TO USAC 37	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TC5 RAS TANURA TO YOKOHA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TCO BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Energy Futures												
TCO NG INDEX SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TD3 MEG TO JAPAN 250K MT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TENNESSEE 500 LEG BASIS S	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TENNESSEE 800 LEG NG BASI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TENNESSEE ZONE 0 BASIS S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TETCO M-3 INDEX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
Tetco STX Basis	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TEXAS GAS ZONE1 NG BASIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Transco Zone 3 Basis	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 3 NG INDEX S	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TRANSCO ZONE4 BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 4 NAT GAS IN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TRANSCO ZONE 6 BASIS SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 INDEX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
UCM FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ULSD 10PPM CIF MED SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ULSD 10PPM CIF MED VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ULSD 10PPM CIF NW BALMO S	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ULSD UP-DOWN BALMO SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
UP DOWN GC ULSD VS NMX H	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WAHA BASIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WAHA INDEX SWAP FUTURE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
WESTERN RAIL DELIVERY PR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI TRD MT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Energy Options												
12 MO GASOIL CAL SWAP SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Energy Options												
BRENT 1 MONTH CAL	0	-	-	0	-		0	-	-	0	-	-
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CRUDE OIL 12 M CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CRUDE OIL 1 M CSO	0	-	-	0	-		0	-	-	0	-	-
BRENT CRUDE OIL 6 M CSO	0	-	-	0	-		0	-	-	0	-	-
BRENT OIL LAST DAY	0	0	0.0%	59,856	23,449	155.26%	0	0	0.0%	59,856	23,449	155.3%
COAL API2 INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COAL API4 INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COAL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	3,100	30,825	-89.94%	0	0	0.0%	3,100	30,825	-89.9%
CRUDE OIL APO	0	0	0.0%	3	46	-93.48%	0	0	0.0%	3	46	-93.5%
CRUDE OIL CALNDR STRIP	0	-	-	0	-		0	-	-	0	-	-
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	0	0	0.0%	2,097,451	3,168,391	-33.80%	0	0	0.0%	2,097,451	3,168,391	-33.8%
ELEC MISO PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ETHANOL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN JET KEROSENE N	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GASOLINE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HEATING OIL CRACK OPTIONS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HEATING OIL CRK SPD AVG P	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HEATING OIL PHY	0	0	0.0%	3,131	6,197	-49.48%	0	0	0.0%	3,131	6,197	-49.5%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	5	-100.00%	0	0	0.0%	0	5	-100.0%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LLS CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	1,500	1	149,900.00%	0	0	0.0%	1,500	1	149,900.0%
NATURAL GAS 2 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	0	0	0.0%	0	1	-100.00%	0	0	0.0%	0	1	-100.0%
NATURAL GAS 5 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 6 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS OPTION ON CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Energy Options												
NATURAL GAS PHY	0	0	0.0%	1,558,490	3,003,263	-48.11%	0	0	0.0%	1,558,490	3,003,263	-48.1%
NATURAL GAS WINTER STRIP	0	-	-	0	-		0	-	-	0	-	-
N ROCKIES PIPE SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	50	17	194.12%	0	0	0.0%	50	17	194.1%
NYISO ZONE G 5MW PEAK OP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL A	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PANHANDLE PIPE SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CRACK	0	-	-	0	-		0	-	-	0	-	-
RBOB PHY	0	0	0.0%	2,842	6,593	-56.89%	0	0	0.0%	2,842	6,593	-56.9%
ROTTERDAM 3.5%FUEL OIL CL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SHORT TERM	0	0	0.0%	0	80	-100.00%	0	0	0.0%	0	80	-100.0%
SHORT TERM NATURAL GAS	0	0	0.0%	0	211	-100.00%	0	0	0.0%	0	211	-100.0%
SINGAPORE GASOIL CALEND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALEN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	8,780	40,609	-78.38%	0	0	0.0%	8,780	40,609	-78.4%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	6,700	-100.00%	0	0	0.0%	0	6,700	-100.0%

FX Futures

AD/CD CROSS RATES	0	0	0.0%	17	5	240.00%	0	0	0.0%	17	5	240.0%
AD/JY CROSS RATES	0	0	0.0%	2,581	3,381	-23.66%	0	0	0.0%	2,581	3,381	-23.7%
AD/NE CROSS RATES	0	0	0.0%	3	69	-95.65%	0	0	0.0%	3	69	-95.7%
AUSTRALIAN DOLLAR	0	0	0.0%	2,194,221	2,519,104	-12.90%	0	0	0.0%	2,194,221	2,519,104	-12.9%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
FX Futures												
BDI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BP/JY CROSS RATES	0	0	0.0%	2,306	4,461	-48.31%	0	0	0.0%	2,306	4,461	-48.3%
BP/SF CROSS RATES	0	0	0.0%	616	248	148.39%	0	0	0.0%	616	248	148.4%
BRAZIL REAL	0	0	0.0%	98,123	81,083	21.02%	0	0	0.0%	98,123	81,083	21.0%
BRITISH POUND	0	0	0.0%	2,371,433	2,921,698	-18.83%	0	0	0.0%	2,371,433	2,921,698	-18.8%
CANADIAN DOLLAR	3	28	-89.3%	1,517,442	1,704,003	-10.95%	3	28	-89.3%	1,517,442	1,704,003	-10.9%
CD/JY CROSS RATES	0	0	0.0%	2	0	0.00%	0	0	0.0%	2	0	0.0%
CHINESE RENMINBI (CNH)	0	0	0.0%	24,742	1,566	1,479.95%	0	0	0.0%	24,742	1,566	1,479.9%
CZECK KORUNA (EC)	0	-	-	4	-		0	-	-	4	-	-
CZECK KORUNA (US)	0	-	-	0	-		0	-	-	0	-	-
EC/AD CROSS RATES	0	0	0.0%	2,843	961	195.84%	0	0	0.0%	2,843	961	195.8%
EC/CD CROSS RATES	0	0	0.0%	1,038	3,995	-74.02%	0	0	0.0%	1,038	3,995	-74.0%
EC/NOK CROSS RATES	0	0	0.0%	199	343	-41.98%	0	0	0.0%	199	343	-42.0%
EC/SEK CROSS RATES	0	0	0.0%	266	731	-63.61%	0	0	0.0%	266	731	-63.6%
EFX/BP CROSS RATES	0	0	0.0%	78,001	60,759	28.38%	0	0	0.0%	78,001	60,759	28.4%
EFX/JY CROSS RATES	0	0	0.0%	42,694	62,942	-32.17%	0	0	0.0%	42,694	62,942	-32.2%
EFX/SF CROSS RATES	0	0	0.0%	22,782	22,621	0.71%	0	0	0.0%	22,782	22,621	0.7%
E-MICRO AUD/USD	0	0	0.0%	133,296	118,461	12.52%	0	0	0.0%	133,296	118,461	12.5%
E-MICRO CAD/USD	0	0	0.0%	14,781	26,059	-43.28%	0	0	0.0%	14,781	26,059	-43.3%
E-MICRO CHF/USD	0	0	0.0%	1,471	1,607	-8.46%	0	0	0.0%	1,471	1,607	-8.5%
E-MICRO EUR/USD	0	0	0.0%	305,927	449,742	-31.98%	0	0	0.0%	305,927	449,742	-32.0%
E-MICRO GBP/USD	0	0	0.0%	47,888	73,584	-34.92%	0	0	0.0%	47,888	73,584	-34.9%
E-MICRO INR/USD	0	0	0.0%	5,502	3,456	59.20%	0	0	0.0%	5,502	3,456	59.2%
E-MICRO JPY/USD	0	0	0.0%	39,239	32,410	21.07%	0	0	0.0%	39,239	32,410	21.1%
E-MINI EURO FX	0	0	0.0%	84,001	143,500	-41.46%	0	0	0.0%	84,001	143,500	-41.5%
E-MINI JAPANESE YEN	0	0	0.0%	17,511	15,296	14.48%	0	0	0.0%	17,511	15,296	14.5%
EURO FX	3	56	-94.6%	4,127,253	6,068,133	-31.98%	3	56	-94.6%	4,127,253	6,068,133	-32.0%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HUNGARIAN FORINT (US)	0	-	-	4	-		0	-	-	4	-	-
INDIAN RUPEE	0	0	0.0%	82,142	116,794	-29.67%	0	0	0.0%	82,142	116,794	-29.7%
JAPANESE YEN	0	2	-100.0%	2,664,703	3,423,880	-22.17%	0	2	-100.0%	2,664,703	3,423,880	-22.2%
KOREAN WON	0	0	0.0%	141	560	-74.82%	0	0	0.0%	141	560	-74.8%
MEXICAN PESO	0	0	0.0%	1,223,491	1,221,004	0.20%	0	0	0.0%	1,223,491	1,221,004	0.2%
NEW ZEALND DOLLAR	0	0	0.0%	631,599	759,432	-16.83%	0	0	0.0%	631,599	759,432	-16.8%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
FX Futures												
NKR/USD CROSS RATE	0	0	0.0%	2,236	2,676	-16.44%	0	0	0.0%	2,236	2,676	-16.4%
POLISH ZLOTY (EC)	0	0	0.0%	31	23	34.78%	0	0	0.0%	31	23	34.8%
POLISH ZLOTY (US)	0	0	0.0%	78	195	-60.00%	0	0	0.0%	78	195	-60.0%
RMB USD	0	0	0.0%	1	13	-92.31%	0	0	0.0%	1	13	-92.3%
RUSSIAN RUBLE	0	0	0.0%	44,319	24,579	80.31%	0	0	0.0%	44,319	24,579	80.3%
S.AFRICAN RAND	0	0	0.0%	33,929	38,562	-12.01%	0	0	0.0%	33,929	38,562	-12.0%
SF/JY CROSS RATES	0	0	0.0%	5	0	0.00%	0	0	0.0%	5	0	0.0%
SHEKEL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	1,821	1,712	6.37%	0	0	0.0%	1,821	1,712	6.4%
SWISS FRANC	0	0	0.0%	463,840	696,608	-33.41%	0	0	0.0%	463,840	696,608	-33.4%
TURKISH LIRA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
USDZAR	0	0	0.0%	20	0	0.00%	0	0	0.0%	20	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

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FX Options												
AUD/USD PQO 2pm Fix	0	0	0.0%	105,243	141,707	-25.73%	0	0	0.0%	105,243	141,707	-25.7%
AUSTRALIAN DLR (EU)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
AUSTRALIAN DOLLAR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BRITISH POUND	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BRITISH POUND (EU)	0	0	0.0%	0	45	-100.00%	0	0	0.0%	0	45	-100.0%
CAD/USD PQO 2pm Fix	30	850	-96.5%	104,868	189,461	-44.65%	30	850	-96.5%	104,868	189,461	-44.6%
CANADIAN DOLLAR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	0	12	-100.00%	0	0	0.0%	0	12	-100.0%
CHF/USD PQO 2pm Fix	0	0	0.0%	1,994	2,923	-31.78%	0	0	0.0%	1,994	2,923	-31.8%
EFX/BP CROSS RATES	0	-	-	30	-	-	0	-	-	30	-	-
EFX/JY CROSS RATES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO FX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EURO FX (EU)	0	0	0.0%	0	11	-100.00%	0	0	0.0%	0	11	-100.0%
EUR/USD PQO 2pm Fix	1,422	1,738	-18.2%	553,710	1,108,194	-50.03%	1,422	1,738	-18.2%	553,710	1,108,194	-50.0%
GBP/USD PQO 2pm Fix	125	317	-60.6%	223,274	306,857	-27.24%	125	317	-60.6%	223,274	306,857	-27.2%
JAPANESE YEN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JAPANESE YEN (EU)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JPY/USD PQO 2pm Fix	10	1,045	-99.0%	184,120	279,409	-34.10%	10	1,045	-99.0%	184,120	279,409	-34.1%
MEXICAN PESO	300	200	50.0%	1,109	849	30.62%	300	200	50.0%	1,109	849	30.6%
NEW ZEALND DOLLAR	0	-	-	479	-	-	0	-	-	479	-	-
SWISS FRANC	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SWISS FRANC (EU)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
Ags Futures												
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Foreign Exchange Futures												
CHILEAN PESO	0	0	0.0%	0	3,380	-100.00%	0	0	0.0%	0	3,380	-100.0%

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CME Group Exchange Volume Comparison Report - Monthly

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Foreign Exchange Options												
AUD/USD PQO 2pm Fix	0	0	0.0%	521	181	187.85%	0	0	0.0%	521	181	187.8%
Ag Products Futures												
BUTTER CS	0	0	0.0%	4,762	5,593	-14.86%	0	0	0.0%	4,762	5,593	-14.9%
CASH-SETTLED CHEESE	0	0	0.0%	15,405	14,264	8.00%	0	0	0.0%	15,405	14,264	8.0%
CATTLE	500	640	-21.9%	1,657,012	1,490,939	11.14%	500	640	-21.9%	1,657,012	1,490,939	11.1%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHI WHEAT	7,670	10,618	-27.8%	1,905,918	2,676,220	-28.78%	7,670	10,618	-27.8%	1,905,918	2,676,220	-28.8%
CLASS IV MILK	27	0	0.0%	4,033	515	683.11%	27	0	0.0%	4,033	515	683.1%
COCOA TAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COFFEE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CORN	12,873	17,656	-27.1%	5,725,895	6,214,349	-7.86%	12,873	17,656	-27.1%	5,725,895	6,214,349	-7.9%
COTTON	0	0	0.0%	3	2	50.00%	0	0	0.0%	3	2	50.0%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DOW-UBS COMMOD INDEX	0	0	0.0%	22,828	76,306	-70.08%	0	0	0.0%	22,828	76,306	-70.1%
DRY WHEY	0	0	0.0%	1,790	1,711	4.62%	0	0	0.0%	1,790	1,711	4.6%
FEEDER CATTLE	0	5	-100.0%	259,892	253,035	2.71%	0	5	-100.0%	259,892	253,035	2.7%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	31,430	30,710	2.34%	0	0	0.0%	31,430	30,710	2.3%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD EURO SEASONAL STRIP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	0	40	-100.00%	0	0	0.0%	0	40	-100.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOGS	1,286	1,709	-24.8%	1,109,105	988,757	12.17%	1,286	1,709	-24.8%	1,109,105	988,757	12.2%
HOUSING INDEX	0	0	0.0%	3	9	-66.67%	0	0	0.0%	3	9	-66.7%
Intercommodity Spread	0	-	-	0	-		0	-	-	0	-	-
KC WHEAT	1,391	699	99.0%	884,707	1,268,213	-30.24%	1,391	699	99.0%	884,707	1,268,213	-30.2%
LUMBER	0	0	0.0%	14,344	15,334	-6.46%	0	0	0.0%	14,344	15,334	-6.5%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Ag Products Futures												
MILK	70	10	600.0%	27,568	23,584	16.89%	70	10	600.0%	27,568	23,584	16.9%
MINI CORN	0	0	0.0%	6,028	8,301	-27.38%	0	0	0.0%	6,028	8,301	-27.4%
MINI SOYBEAN	0	0	0.0%	16,830	21,398	-21.35%	0	0	0.0%	16,830	21,398	-21.3%
MINI WHEAT	0	0	0.0%	3,385	4,311	-21.48%	0	0	0.0%	3,385	4,311	-21.5%
MLK MID OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NFD MILK	0	33	-100.0%	8,900	5,237	69.94%	0	33	-100.0%	8,900	5,237	69.9%
OATS	0	0	0.0%	10,025	14,876	-32.61%	0	0	0.0%	10,025	14,876	-32.6%
ROUGH RICE	0	0	0.0%	9,683	14,341	-32.48%	0	0	0.0%	9,683	14,341	-32.5%
SOYBEAN	6,533	10,169	-35.8%	3,090,398	3,924,313	-21.25%	6,533	10,169	-35.8%	3,090,398	3,924,313	-21.2%
SOYBEAN MEAL	1,168	2,953	-60.4%	1,777,542	2,428,085	-26.79%	1,168	2,953	-60.4%	1,777,542	2,428,085	-26.8%
SOYBEAN OIL	611	1,099	-44.4%	1,921,795	2,079,635	-7.59%	611	1,099	-44.4%	1,921,795	2,079,635	-7.6%
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SUGAR 11	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
USD CRUDE PALM OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WHEAT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Ag Products Options												
AUG-NOV SOYBEAN CAL SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BUTTER CS	2,086	838	148.9%	4,904	1,421	245.11%	2,086	838	148.9%	4,904	1,421	245.1%
CASH-SETTLED CHEESE	3,064	5,241	-41.5%	11,140	12,963	-14.06%	3,064	5,241	-41.5%	11,140	12,963	-14.1%
CATTLE	17,745	22,429	-20.9%	145,664	237,799	-38.74%	17,745	22,429	-20.9%	145,664	237,799	-38.7%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD WEATHER	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CHI WHEAT	100,896	241,536	-58.2%	465,259	633,682	-26.58%	100,896	241,536	-58.2%	465,259	633,682	-26.6%
CLASS IV MILK	673	66	919.7%	5,256	882	495.92%	673	66	919.7%	5,256	882	495.9%
CORN	258,284	449,422	-42.5%	1,149,611	1,207,557	-4.80%	258,284	449,422	-42.5%	1,149,611	1,207,557	-4.8%
CORN NEARBY+2 CAL SPRD	1,750	1,950	-10.3%	0	0	0.00%	1,750	1,950	-10.3%	0	0	0.0%
DEC-DEC CORN CAL SPRD	520	21	2,376.2%	0	0	0.00%	520	21	2,376.2%	0	0	0.0%
DEC-JULY CORN CAL SPRD	1,700	0	0.0%	0	0	0.00%	1,700	0	0.0%	0	0	0.0%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DRY WHEY	25	477	-94.8%	712	395	80.25%	25	477	-94.8%	712	395	80.3%
FEEDER CATTLE	441	3,072	-85.6%	25,469	34,414	-25.99%	441	3,072	-85.6%	25,469	34,414	-26.0%

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CME Group Exchange Volume Comparison Report - Monthly

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Ag Products Options												
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HOGS	32,697	17,724	84.5%	219,391	126,465	73.48%	32,697	17,724	84.5%	219,391	126,465	73.5%
HOUSING INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Intercommodity Spread	0	4,180	-100.0%	0	0	0.00%	0	4,180	-100.0%	0	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JULY-DEC CORN CAL SPRD	100	104	-3.8%	0	0	0.00%	100	104	-3.8%	0	0	0.0%
JULY-DEC SOYMEAL CAL SPR	0	-	-	0	-	-	0	-	-	0	-	-
JULY-DEC SOY OIL CAL SPRD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JULY-DEC WHEAT CAL SPRD	600	0	0.0%	0	0	0.00%	600	0	0.0%	0	0	0.0%
JULY-NOV SOYBEAN CAL SPR	1,731	3,068	-43.6%	100	5	1,900.00%	1,731	3,068	-43.6%	100	5	1,900.0%
KC WHEAT	18,524	38,188	-51.5%	42,514	47,090	-9.72%	18,524	38,188	-51.5%	42,514	47,090	-9.7%
LUMBER	10	59	-83.1%	2,158	2,020	6.83%	10	59	-83.1%	2,158	2,020	6.8%
LV CATL CSO	344	0	0.0%	0	0	0.00%	344	0	0.0%	0	0	0.0%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	200	-100.0%	0	0	0.00%	0	200	-100.0%	0	0	0.0%
MILK	2,619	6,182	-57.6%	43,744	25,757	69.83%	2,619	6,182	-57.6%	43,744	25,757	69.8%
MLK MID OPTIONS	3	38	-92.1%	52	0	0.00%	3	38	-92.1%	52	0	0.0%
NFD MILK	258	1,160	-77.8%	15,408	2,558	502.35%	258	1,160	-77.8%	15,408	2,558	502.3%
NOV-JULY SOYBEAN CAL SPR	0	1	-100.0%	0	0	0.00%	0	1	-100.0%	0	0	0.0%
NOV-MAR SOYBEAN CSO	0	-	-	0	-	-	0	-	-	0	-	-
NOV-NOV SOYBEAN CAL SPR	100	9	1,011.1%	0	0	0.00%	100	9	1,011.1%	0	0	0.0%
OATS	965	113	754.0%	447	336	33.04%	965	113	754.0%	447	336	33.0%
ROUGH RICE	435	740	-41.2%	873	1,403	-37.78%	435	740	-41.2%	873	1,403	-37.8%
SEP-DEC SOYBEAN MEAL CSC	0	-	-	0	-	-	0	-	-	0	-	-
SOYBEAN	153,258	239,288	-36.0%	841,168	1,116,053	-24.63%	153,258	239,288	-36.0%	841,168	1,116,053	-24.6%
SOYBEAN CRUSH	0	10	-100.0%	0	0	0.00%	0	10	-100.0%	0	0	0.0%
SOYBEAN MEAL	42,133	92,500	-54.5%	118,840	178,893	-33.57%	42,133	92,500	-54.5%	118,840	178,893	-33.6%
SOYBEAN OIL	16,096	35,235	-54.3%	97,148	85,175	14.06%	16,096	35,235	-54.3%	97,148	85,175	14.1%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SOYMEAL NEARBY+2 CAL SPR	450	-	-	0	-	-	450	-	-	0	-	-
WHEAT	0	210	-100.0%	207	127	62.99%	0	210	-100.0%	207	127	63.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Ag Products Options												
WHEAT-CORN ICSCO	600	690	-13.0%	0	0	0.00%	600	690	-13.0%	0	0	0.0%
WHEAT NEARBY+2 CAL SPRD	230	250	-8.0%	0	740	-100.00%	230	250	-8.0%	0	740	-100.0%
TOTAL FUTURES GROUP												
Interest Rate Futures	923,422	1,002,920	-7.9%	137,173,584	139,587,003	-1.7%	923,422	1,002,920	-7.9%	137,173,584	139,587,003	-1.7%
Equity Index Futures	9,368	16,715	-44.0%	53,880,073	43,129,455	24.9%	9,368	16,715	-44.0%	53,880,073	43,129,455	24.9%
Metals Futures	0	0	0.0%	10,174,726	14,444,150	-29.6%	0	0	0.0%	10,174,726	14,444,150	-29.6%
Energy Futures	0	0	0.0%	43,688,191	52,186,651	-16.3%	0	0	0.0%	43,688,191	52,186,651	-16.3%
FX Futures	6	86	-93.0%	16,284,542	20,606,256	-21.0%	6	86	-93.0%	16,284,542	20,606,256	-21.0%
Ags Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Foreign Exchange Futures	0	0	0.0%	0	3,380	-100.0%	0	0	0.0%	0	3,380	-100.0%
Ag Products Futures	32,129	45,591	-29.5%	18,509,281	21,560,078	-14.2%	32,129	45,591	-29.5%	18,509,281	21,560,078	-14.2%
TOTAL FUTURES	964,925	1,065,312	-9.4%	279,710,397	291,516,973	-4.1%	964,925	1,065,312	-9.4%	279,710,397	291,516,973	-4.1%
TOTAL OPTIONS GROUP												
Equity Index Options	970,689	1,816,749	-46.6%	13,010,858	18,138,938	-28.3%	970,689	1,816,749	-46.6%	13,010,858	18,138,938	-28.3%
Interest Rate Options	25,159,830	24,153,591	4.2%	28,667,644	30,115,075	-4.8%	25,159,830	24,153,591	4.2%	28,667,644	30,115,075	-4.8%
Metals Options	0	0	0.0%	950,119	925,334	2.7%	0	0	0.0%	950,119	925,334	2.7%
Energy Options	0	0	0.0%	3,735,203	6,286,388	-40.6%	0	0	0.0%	3,735,203	6,286,388	-40.6%
FX Options	1,887	4,150	-54.5%	1,174,827	2,029,468	-42.1%	1,887	4,150	-54.5%	1,174,827	2,029,468	-42.1%
Ag Products Options	658,337	1,165,001	-43.5%	3,190,065	3,715,735	-14.1%	658,337	1,165,001	-43.5%	3,190,065	3,715,735	-14.1%
Foreign Exchange Options	0	0	0.0%	521	181	187.8%	0	0	0.0%	521	181	187.8%
TOTAL OPTIONS	26,790,743	27,139,491	-1.3%	50,729,237	61,211,119	-17.1%	26,790,743	27,139,491	-1.3%	50,729,237	61,211,119	-17.1%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
TOTAL COMBINED												
Interest Rate	26,083,252	25,156,511	3.7%	165,841,228	169,702,078	-2.3%	26,083,252	25,156,511	3.7%	165,841,228	169,702,078	-2.3%
Equity Index	980,057	1,833,464	-46.5%	66,890,931	61,268,393	9.2%	980,057	1,833,464	-46.5%	66,890,931	61,268,393	9.2%
Metals	0	0	0.0%	11,124,845	15,369,484	-27.6%	0	0	0.0%	11,124,845	15,369,484	-27.6%
Energy	0	0	0.0%	47,423,394	58,473,039	-18.9%	0	0	0.0%	47,423,394	58,473,039	-18.9%
FX	1,893	4,236	-55.3%	17,459,369	22,635,724	-22.9%	1,893	4,236	-55.3%	17,459,369	22,635,724	-22.9%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Foreign Exchange	0	0	0.0%	521	3,561	-85.4%	0	0	0.0%	521	3,561	-85.4%
Ag Products	690,466	1,210,592	-43.0%	21,699,346	25,275,813	-14.1%	690,466	1,210,592	-43.0%	21,699,346	25,275,813	-14.1%
GRAND TOTAL	27,755,668	28,204,803	-1.6%	330,439,634	352,728,092	-6.3%	27,755,668	28,204,803	-1.6%	330,439,634	352,728,092	-6.3%

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