

CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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	85,046	156,813	-45.8%	40,049,735	49,739,508	-19.48%	208,679	274,717	-24.0%	70,334,098	81,444,782	-13.6%
10-YR SWAP RATE	0	0	0.0%	23,798	45,426	-47.61%	0	0	0.0%	48,880	80,467	-39.3%
15-YR SWAP RATE	0	-	-	0	-	-	0	-	-	0	-	-
1-MONTH EURODOLLAR	0	0	0.0%	5	5,695	-99.91%	0	0	0.0%	65	7,277	-99.1%
20-YR SWAP RATE	0	-	-	0	-	-	0	-	-	0	-	-
2-YR NOTE	2,653	8,063	-67.1%	18,726,772	18,067,071	3.65%	2,686	8,438	-68.2%	27,556,549	25,539,833	7.9%
2-YR SWAP RATE	0	-	-	32,566	-	-	0	-	-	71,960	-	-
30-YR BOND	15,855	30,043	-47.2%	8,239,912	10,382,192	-20.63%	36,012	40,968	-12.1%	14,494,332	16,893,333	-14.2%
30-YR SWAP RATE	0	0	0.0%	631	168	275.60%	0	0	0.0%	1,068	508	110.2%
3-YR SWAP RATE	0	-	-	8,187	-	-	0	-	-	11,615	-	-
4-YR SWAP RATE	0	-	-	1,194	-	-	0	-	-	4,833	-	-
5-YR NOTE	26,524	36,335	-27.0%	29,494,624	34,229,542	-13.83%	49,505	66,897	-26.0%	48,997,902	51,420,144	-4.7%
5-YR SWAP RATE	0	0	0.0%	32,257	17,985	79.36%	0	0	0.0%	91,617	46,024	99.1%
7-YR SWAP RATE	0	-	-	4,283	-	-	0	-	-	5,543	-	-
EURODOLLARS	687,108	1,098,777	-37.5%	44,797,039	88,419,462	-49.34%	1,443,694	1,941,931	-25.7%	104,417,909	155,533,418	-32.9%
FED FUND	0	0	0.0%	3,794,521	6,980,256	-45.64%	0	0	0.0%	10,368,076	11,049,457	-6.2%
SOFR	0	-	-	569,631	-	-	0	-	-	939,844	-	-
SONIA	0	-	-	163,395	-	-	0	-	-	292,830	-	-
Ultra 10-Year Note	0	0	0.0%	4,655,082	5,593,396	-16.78%	0	0	0.0%	7,678,169	8,573,674	-10.4%
ULTRA T-BOND	0	170	-100.0%	5,344,281	5,728,612	-6.71%	32	170	-81.2%	7,796,207	8,207,399	-5.0%
Interest Rate Options												
10-YR NOTE	1,853,636	2,927,486	-36.7%	8,201,259	13,665,132	-39.98%	4,101,178	5,016,938	-18.3%	19,206,180	24,524,427	-21.7%
2-YR NOTE	56,687	265,064	-78.6%	217,961	310,656	-29.84%	167,779	370,670	-54.7%	399,291	511,440	-21.9%
30-YR BOND	301,045	382,160	-21.2%	1,790,351	3,040,507	-41.12%	571,961	686,779	-16.7%	4,033,370	5,730,213	-29.6%
5-YR NOTE	876,745	857,199	2.3%	2,556,654	3,934,364	-35.02%	1,423,966	1,551,932	-8.2%	5,887,140	6,423,233	-8.3%
EURODOLLARS	9,577,951	15,369,145	-37.7%	5,674,564	6,674,144	-14.98%	23,482,321	24,571,415	-4.4%	11,290,560	12,790,408	-11.7%
EURO MIDCURVE	7,745,698	13,503,452	-42.6%	4,487,064	7,285,862	-38.41%	15,803,602	25,258,081	-37.4%	10,775,627	15,043,814	-28.4%
FED FUND	0	750	-100.0%	200	2,036	-90.18%	0	750	-100.0%	200	2,787	-92.8%
Ultra 10-Year Note	50	0	0.0%	0	0	0.00%	50	0	0.0%	1	25	-96.0%
ULTRA T-BOND	12,133	2,237	442.4%	32	2,456	-98.70%	32,918	4,519	628.4%	3,360	3,885	-13.5%

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Equity Index Futures												
BITCOIN FUTURES	0	0	0.0%	100,199	30,419	229.40%	0	0	0.0%	191,347	58,945	224.6%
DJ US REAL ESTATE	0	0	0.0%	13,208	21,015	-37.15%	0	0	0.0%	32,648	41,556	-21.4%
E-mini (\$5) Dow	0	0	0.0%	3,650,329	6,546,787	-44.24%	0	0	0.0%	8,549,170	10,163,576	-15.9%
E-mini FTSE 100 (USD)	0	0	0.0%	0	2,549	-100.00%	0	0	0.0%	336	3,747	-91.0%
E-mini FTSE China 50	0	0	0.0%	53	2,207	-97.60%	0	0	0.0%	641	3,525	-81.8%
E-MINI MIDCAP	0	0	0.0%	278,508	415,992	-33.05%	0	0	0.0%	576,349	729,830	-21.0%
E-MINI NASDAQ 100	0	0	0.0%	7,695,031	10,009,015	-23.12%	0	0	0.0%	18,487,119	16,922,467	9.2%
E-MINI RUSSELL 1000	0	0	0.0%	2,299	8,448	-72.79%	0	0	0.0%	4,884	18,456	-73.5%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,451	6,632	-78.12%	0	0	0.0%	3,126	11,583	-73.0%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	4,166	8,692	-52.07%	0	0	0.0%	11,974	17,355	-31.0%
E-MINI RUSSELL 2000	0	0	0.0%	1,958,449	2,935,859	-33.29%	0	0	0.0%	4,827,964	5,153,410	-6.3%
E-MINI S&P500	0	0	0.0%	25,331,804	42,434,021	-40.30%	0	0	0.0%	59,116,282	71,102,619	-16.9%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	4,281	3,211	33.32%	0	0	0.0%	11,140	4,799	132.1%
FT-SE 100	0	0	0.0%	0	1,180	-100.00%	0	0	0.0%	372	2,356	-84.2%
FTSE Emerging	0	0	0.0%	2,911	173	1,582.66%	0	0	0.0%	4,870	397	1,126.7%
IBOVESPA INDEX	0	0	0.0%	1,266	2,078	-39.08%	0	0	0.0%	1,785	2,795	-36.1%
NASDAQ BIOTECH	0	0	0.0%	78	0	0.00%	0	0	0.0%	82	0	0.0%
NIFTY 50	0	0	0.0%	0	17,698	-100.00%	0	0	0.0%	0	53,684	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	162,867	549,681	-70.37%	0	0	0.0%	374,661	887,911	-57.8%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	595,285	1,338,795	-55.54%	228	0	0.0%	1,324,335	2,195,888	-39.7%
S&P 500	8,390	26,660	-68.5%	1,006	10,129	-90.07%	17,530	43,375	-59.6%	3,317	16,642	-80.1%
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%	9,977	3,218	210.04%	0	0	0.0%	18,660	7,453	150.4%
S&P 600 SMALLCAP EMINI	0	-	-	0	-		0	-	-	0	-	-
S&P CONSUMER DSCRTNRY S	0	0	0.0%	5,436	10,895	-50.11%	0	0	0.0%	19,204	18,277	5.1%
S&P CONSUMER STAPLES SE	0	0	0.0%	7,197	12,400	-41.96%	0	0	0.0%	19,228	17,162	12.0%
S&P ENERGY SECTOR	0	0	0.0%	5,829	14,749	-60.48%	0	0	0.0%	24,475	27,456	-10.9%
S&P FINANCIAL SECTOR	0	0	0.0%	6,674	18,052	-63.03%	0	0	0.0%	27,086	30,980	-12.6%
S&P HEALTH CARE SECTOR	0	0	0.0%	6,083	11,100	-45.20%	0	0	0.0%	21,733	17,078	27.3%
S&P INDUSTRIAL SECTOR	0	0	0.0%	4,956	6,733	-26.39%	0	0	0.0%	20,218	13,486	49.9%
S&P MATERIALS SECTOR	0	0	0.0%	3,712	5,715	-35.05%	0	0	0.0%	11,630	13,075	-11.1%
S&P TECHNOLOGY SECTOR	0	0	0.0%	6,530	12,579	-48.09%	0	0	0.0%	28,393	21,811	30.2%
S&P UTILITIES SECTOR	0	0	0.0%	9,214	16,795	-45.14%	0	0	0.0%	34,689	27,953	24.1%
YEN DENOMINATED TOPIX	0	0	0.0%	9,674	613	1,478.14%	0	0	0.0%	10,828	613	1,666.4%

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Equity Index Options												
E-mini (\$5) Dow	0	0	0.0%	4,755	15,319	-68.96%	0	0	0.0%	12,078	25,282	-52.2%
E-MINI NASDAQ 100	0	0	0.0%	151,730	287,319	-47.19%	0	0	0.0%	428,797	635,910	-32.6%
E-MINI RUSSELL 2000	0	0	0.0%	17,037	26,019	-34.52%	0	0	0.0%	21,225	33,404	-36.5%
E-MINI S&P500	0	4,640	-100.0%	4,335,292	10,160,563	-57.33%	0	4,640	-100.0%	8,555,233	15,619,661	-45.2%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	3,598	8,495	-57.65%	0	0	0.0%	6,168	11,794	-47.7%
EOM EMINI S&P	0	0	0.0%	1,374,848	4,112,159	-66.57%	0	0	0.0%	3,288,018	7,300,064	-55.0%
EOM S&P 500	87,600	407,089	-78.5%	0	0	0.00%	236,649	775,803	-69.5%	0	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	555	3,193	-82.62%	0	0	0.0%	961	5,045	-81.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	874	3,715	-76.47%	0	0	0.0%	1,282	6,991	-81.7%
EOW1 EMINI S&P 500	0	0	0.0%	574,970	1,269,892	-54.72%	0	0	0.0%	1,717,375	2,681,882	-36.0%
EOW1 S&P 500	61,845	57,459	7.6%	0	0	0.00%	167,792	176,837	-5.1%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	1,381	7,657	-81.96%	0	0	0.0%	2,699	11,077	-75.6%
EOW2 EMINI S&P 500	0	0	0.0%	851,165	2,540,503	-66.50%	0	0	0.0%	1,855,494	3,806,699	-51.3%
EOW2 S&P 500	124,311	141,385	-12.1%	0	0	0.00%	324,234	378,014	-14.2%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	5,933	24,077	-75.36%	0	0	0.0%	12,156	44,179	-72.5%
EOW3 EMINI S&P 500	0	0	0.0%	1,791,405	6,120,430	-70.73%	0	0	0.0%	5,173,570	11,119,948	-53.5%
EOW3 S&P 500	156,291	450,513	-65.3%	0	0	0.00%	378,337	1,228,240	-69.2%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	2,428	7,418	-67.27%	0	0	0.0%	3,492	12,786	-72.7%
EOW4 EMINI S&P 500	0	0	0.0%	884,238	1,561,518	-43.37%	0	0	0.0%	1,932,519	2,972,493	-35.0%
S&P 500	184,497	453,509	-59.3%	0	0	0.00%	478,221	767,810	-37.7%	0	0	0.0%

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Metals Futures												
ALUMINUM	0	0	0.0%	801	623	28.57%	0	0	0.0%	2,325	910	155.5%
COMEX COPPER	0	0	0.0%	2,400,878	2,976,390	-19.34%	0	0	0.0%	4,397,651	5,712,648	-23.0%
COMEX E-Mini GOLD	0	0	0.0%	5,083	6,625	-23.28%	0	0	0.0%	11,325	14,756	-23.3%
COMEX E-Mini SILVER	0	0	0.0%	2,775	1,499	85.12%	0	0	0.0%	3,608	2,500	44.3%
COMEX GOLD	0	0	0.0%	3,880,891	5,849,655	-33.66%	0	0	0.0%	9,891,320	14,734,657	-32.9%
COMEX MINY COPPER	0	0	0.0%	664	784	-15.31%	0	0	0.0%	1,139	1,466	-22.3%
COMEX SILVER	0	0	0.0%	1,735,352	2,109,173	-17.72%	0	0	0.0%	3,217,726	4,242,882	-24.2%
COPPER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
E-MICRO GOLD	0	0	0.0%	165,381	125,962	31.29%	0	0	0.0%	374,185	268,598	39.3%
FERROUS PRODUCTS	0	0	0.0%	663	1	66,200.00%	0	0	0.0%	1,123	13	8,538.5%
GOLD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
Gold Kilo	0	0	0.0%	0	37	-100.00%	0	0	0.0%	0	41	-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%	12	3	300.00%	0	0	0.0%	26	6	333.3%
LNDN ZINC	0	0	0.0%	280	4	6,900.00%	0	0	0.0%	847	33	2,466.7%
NYMEX HOT ROLLED STEEL	0	0	0.0%	4,523	3,290	37.48%	0	0	0.0%	7,745	6,415	20.7%
NYMEX PLATINUM	0	0	0.0%	368,856	338,763	8.88%	0	0	0.0%	713,764	771,745	-7.5%
PALLADIUM	0	0	0.0%	144,304	157,046	-8.11%	0	0	0.0%	247,019	251,073	-1.6%
SILVER	0	0	0.0%	17,517	8,571	104.38%	0	0	0.0%	32,871	14,783	122.4%
URANIUM	0	0	0.0%	0	2	-100.00%	0	0	0.0%	32	52	-38.5%

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Metals Options												
COMEX COPPER	0	0	0.0%	44,026	15,101	191.54%	0	0	0.0%	79,323	32,898	141.1%
COMEX GOLD	0	0	0.0%	577,154	777,323	-25.75%	0	0	0.0%	1,318,218	1,516,796	-13.1%
COMEX SILVER	0	0	0.0%	89,828	117,729	-23.70%	0	0	0.0%	211,705	244,530	-13.4%
COPPER	0	-	-	36	-	-	0	-	-	66	-	-
GOLD	0	0	0.0%	56,970	27,422	107.75%	0	0	0.0%	104,665	64,026	63.5%
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%	1,883	1,212	55.36%	0	0	0.0%	2,649	4,131	-35.9%
PALLADIUM	0	0	0.0%	386	1,815	-78.73%	0	0	0.0%	1,146	3,463	-66.9%
SILVER	0	0	0.0%	2,305	529	335.73%	0	0	0.0%	4,935	621	694.7%
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	0	0.00%	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%	1,486,603	1,643,474	-9.55%	0	0	0.0%	3,084,601	2,998,493	2.9%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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%
CHICAGO ETHANOL SWAP	0	0	0.0%	0	80	-100.00%	0	0	0.0%	421	286	47.2%
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	6	-100.00%	0	0	0.0%	0	6	-100.0%
CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	89	-100.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	50	0	0.00%	0	0	0.0%	50	0	0.0%
CRUDE OIL PHY	0	0	0.0%	22,281,687	26,243,263	-15.10%	0	0	0.0%	47,762,742	54,209,126	-11.9%
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%
DOMINION TRANSMISSION INC	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 FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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												
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%
DUTCH TTF NATURAL GAS CA	0	0	0.0%	12,147	690	1,660.43%	0	0	0.0%	15,816	1,170	1,251.8%
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%	10,196	9,213	10.67%	0	0	0.0%	20,825	19,715	5.6%
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 FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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%	80	408	-80.39%	0	0	0.0%	208	534	-61.0%
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%
GERMAN POWER BASELOAD	0	0	0.0%	150	1,371	-89.06%	0	0	0.0%	993	1,371	-27.6%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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 FUEL CLNDR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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 CALEDA	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%	2,806,240	3,664,221	-23.42%	0	0	0.0%	5,994,272	7,934,476	-24.5%
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	1,511	-100.00%	0	0	0.0%	0	2,832	-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%	0	187	-100.00%	0	0	0.0%	122	3,452	-96.5%
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 ICI4	0	0	0.0%	0	0	0.00%	0	0	0.0%	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%
JKM LNG Futures	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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												
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%
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%	204,115	192,289	6.15%	0	0	0.0%	375,047	608,272	-38.3%
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%	0	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%	198	234	-15.38%	0	0	0.0%	198	258	-23.3%
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	3	0.00%	0	0	0.0%	6	7	-14.3%
MINY NATURAL GAS	0	0	0.0%	22,339	30,741	-27.33%	0	0	0.0%	65,088	95,188	-31.6%
MINY RBOB GAS	0	0	0.0%	6	4	50.00%	0	0	0.0%	12	7	71.4%
MINY WTI CRUDE OIL	0	0	0.0%	380,566	315,601	20.58%	0	0	0.0%	888,610	524,811	69.3%
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%	14	7	100.00%	0	0	0.0%	31	26	19.2%
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%	52,811	63,036	-16.22%	0	0	0.0%	89,265	171,475	-47.9%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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 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%
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%	7,025,723	8,131,548	-13.60%	0	0	0.0%	15,937,859	21,856,168	-27.1%
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	7	-100.00%	0	0	0.0%	0	15	-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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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												
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%
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	0	0.00%	0	0	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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 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%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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												
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%
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%	3,434,677	3,591,091	-4.36%	0	0	0.0%	7,167,975	7,647,775	-6.3%
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%	0	0	0.00%	0	0	0.0%	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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												
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%
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%
UK NBP NAT GAS CAL MTH FU	0	0	0.0%	705	4,511	-84.37%	0	0	0.0%	1,880	4,565	-58.8%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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												
12 MO GASOIL CAL SWAP SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BRENT 1 MONTH CAL	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 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%	50,102	35,034	43.01%	0	0	0.0%	109,958	58,483	88.0%
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%	1,700	3,660	-53.55%	0	0	0.0%	4,800	34,485	-86.1%
CRUDE OIL APO	0	0	0.0%	0	0	0.00%	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%	1,757,197	3,350,078	-47.55%	0	0	0.0%	3,854,648	6,518,469	-40.9%
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%	4,707	10,940	-56.97%	0	0	0.0%	7,838	17,137	-54.3%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0.00%	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%	1,370	0	0.00%	0	0	0.0%	2,870	1	286,900.0%
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	0	0.00%	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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 OPTION ON CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS PHY	0	0	0.0%	770,093	1,208,019	-36.25%	0	0	0.0%	2,328,583	4,211,282	-44.7%
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%	22	27	-18.52%	0	0	0.0%	72	44	63.6%
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	5	-100.00%	0	0	0.0%	0	5	-100.0%
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%	2,519	6,379	-60.51%	0	0	0.0%	5,361	12,972	-58.7%
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	120	-100.00%	0	0	0.0%	0	200	-100.0%
SHORT TERM NATURAL GAS	0	0	0.0%	25	90	-72.22%	0	0	0.0%	25	301	-91.7%
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%	6,750	45,112	-85.04%	0	0	0.0%	15,530	85,721	-81.9%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	3,000	3,500	-14.29%	0	0	0.0%	3,000	10,200	-70.6%

FX Futures

AD/CD CROSS RATES	0	0	0.0%	18	13	38.46%	0	0	0.0%	35	18	94.4%
AD/JY CROSS RATES	0	0	0.0%	2,282	4,947	-53.87%	0	0	0.0%	4,863	8,328	-41.6%
AD/NE CROSS RATES	0	0	0.0%	4	79	-94.94%	0	0	0.0%	7	148	-95.3%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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												
AUSTRALIAN DOLLAR	0	0	0.0%	2,000,849	2,535,997	-21.10%	0	0	0.0%	4,195,070	5,055,101	-17.0%
BDI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BP/JY CROSS RATES	0	0	0.0%	934	3,340	-72.04%	0	0	0.0%	3,240	7,801	-58.5%
BP/SF CROSS RATES	0	0	0.0%	136	211	-35.55%	0	0	0.0%	752	459	63.8%
BRAZIL REAL	0	0	0.0%	77,105	93,931	-17.91%	0	0	0.0%	175,228	175,014	0.1%
BRITISH POUND	0	4	-100.0%	2,148,576	2,732,396	-21.37%	0	4	-100.0%	4,520,009	5,654,094	-20.1%
CANADIAN DOLLAR	0	4	-100.0%	1,248,451	1,611,586	-22.53%	3	32	-90.6%	2,765,893	3,315,589	-16.6%
CD/JY CROSS RATES	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	0	0.0%
CHINESE RENMINBI (CNH)	0	0	0.0%	33,117	2,913	1,036.87%	0	0	0.0%	57,859	4,479	1,191.8%
CZECK KORUNA (EC)	0	-	-	2	-		0	-	-	6	-	-
CZECK KORUNA (US)	0	-	-	0	-		0	-	-	0	-	-
EC/AD CROSS RATES	0	0	0.0%	893	981	-8.97%	0	0	0.0%	3,736	1,942	92.4%
EC/CD CROSS RATES	0	0	0.0%	531	1,664	-68.09%	0	0	0.0%	1,569	5,659	-72.3%
EC/NOK CROSS RATES	0	0	0.0%	112	155	-27.74%	0	0	0.0%	311	498	-37.6%
EC/SEK CROSS RATES	0	0	0.0%	284	339	-16.22%	0	0	0.0%	550	1,070	-48.6%
EFX/BP CROSS RATES	0	0	0.0%	59,057	66,285	-10.90%	0	0	0.0%	137,058	127,044	7.9%
EFX/JY CROSS RATES	0	0	0.0%	27,589	84,499	-67.35%	0	0	0.0%	70,283	147,441	-52.3%
EFX/SF CROSS RATES	0	0	0.0%	14,965	26,713	-43.98%	0	0	0.0%	37,747	49,334	-23.5%
E-MICRO AUD/USD	0	0	0.0%	122,629	101,629	20.66%	0	0	0.0%	255,925	220,090	16.3%
E-MICRO CAD/USD	0	0	0.0%	14,717	13,653	7.79%	0	0	0.0%	29,498	39,712	-25.7%
E-MICRO CHF/USD	0	0	0.0%	1,825	1,223	49.22%	0	0	0.0%	3,296	2,830	16.5%
E-MICRO EUR/USD	0	0	0.0%	203,822	383,943	-46.91%	0	0	0.0%	509,749	833,685	-38.9%
E-MICRO GBP/USD	0	0	0.0%	33,057	60,281	-45.16%	0	0	0.0%	80,945	133,865	-39.5%
E-MICRO INR/USD	0	0	0.0%	5,832	2,306	152.91%	0	0	0.0%	11,334	5,762	96.7%
E-MICRO JPY/USD	0	0	0.0%	24,349	33,463	-27.24%	0	0	0.0%	63,588	65,873	-3.5%
E-MINI EURO FX	0	0	0.0%	71,453	89,671	-20.32%	0	0	0.0%	155,454	233,171	-33.3%
E-MINI JAPANESE YEN	0	0	0.0%	8,436	13,471	-37.38%	0	0	0.0%	25,947	28,767	-9.8%
EURO FX	5	364	-98.6%	3,303,761	4,957,907	-33.36%	8	420	-98.1%	7,431,014	11,026,040	-32.6%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HUNGARIAN FORINT (US)	0	-	-	0	-		0	-	-	4	-	-
INDIAN RUPEE	0	0	0.0%	89,347	99,834	-10.50%	0	0	0.0%	171,489	216,628	-20.8%
JAPANESE YEN	0	3	-100.0%	2,001,793	3,433,328	-41.70%	0	5	-100.0%	4,666,496	6,857,208	-31.9%
KOREAN WON	0	0	0.0%	232	321	-27.73%	0	0	0.0%	373	881	-57.7%
MEXICAN PESO	0	0	0.0%	1,019,961	1,159,714	-12.05%	0	0	0.0%	2,243,452	2,380,718	-5.8%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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												
NEW ZEALND DOLLAR	0	0	0.0%	504,079	653,323	-22.84%	0	0	0.0%	1,135,678	1,412,755	-19.6%
NKR/USD CROSS RATE	0	0	0.0%	1,442	2,261	-36.22%	0	0	0.0%	3,678	4,937	-25.5%
POLISH ZLOTY (EC)	0	0	0.0%	32	11	190.91%	0	0	0.0%	63	34	85.3%
POLISH ZLOTY (US)	0	0	0.0%	131	50	162.00%	0	0	0.0%	209	245	-14.7%
RMB USD	0	0	0.0%	0	1	-100.00%	0	0	0.0%	1	14	-92.9%
RUSSIAN RUBLE	0	0	0.0%	34,568	50,751	-31.89%	0	0	0.0%	78,887	75,330	4.7%
S.AFRICAN RAND	0	0	0.0%	32,030	39,854	-19.63%	0	0	0.0%	65,959	78,416	-15.9%
SF/JY CROSS RATES	0	0	0.0%	2	0	0.00%	0	0	0.0%	7	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%	1,700	2,208	-23.01%	0	0	0.0%	3,521	3,920	-10.2%
SWISS FRANC	0	0	0.0%	338,982	514,284	-34.09%	0	0	0.0%	802,822	1,210,892	-33.7%
TURKISH LIRA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
USDZAR	0	0	0.0%	0	4	-100.00%	0	0	0.0%	20	4	400.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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 Options												
AUD/USD PQO 2pm Fix	0	0	0.0%	82,860	134,800	-38.53%	0	0	0.0%	188,103	276,507	-32.0%
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	62	-100.00%	0	0	0.0%	0	107	-100.0%
CAD/USD PQO 2pm Fix	184	50	268.0%	89,665	162,593	-44.85%	214	900	-76.2%	194,533	352,054	-44.7%
CANADIAN DOLLAR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	0	50	-100.00%	0	0	0.0%	0	62	-100.0%
CHF/USD PQO 2pm Fix	0	0	0.0%	1,819	978	85.99%	0	0	0.0%	3,813	3,901	-2.3%
EFX/BP CROSS RATES	0	-	-	25	-		0	-	-	55	-	-
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	5	-100.00%	0	0	0.0%	0	16	-100.0%
EUR/USD PQO 2pm Fix	816	1,719	-52.5%	441,810	827,752	-46.63%	2,238	3,457	-35.3%	995,520	1,935,946	-48.6%
GBP/USD PQO 2pm Fix	8	48	-83.3%	160,120	249,787	-35.90%	133	365	-63.6%	383,394	556,644	-31.1%
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	543	-98.2%	158,663	290,183	-45.32%	20	1,588	-98.7%	342,783	569,592	-39.8%
MEXICAN PESO	600	500	20.0%	1,179	305	286.56%	900	700	28.6%	2,288	1,154	98.3%
NEW ZEALND DOLLAR	0	-	-	1,603	-		0	-	-	2,082	-	-
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 PRODUCS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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Foreign Exchange Futures

CHILEAN PESO	0	0	0.0%	0	1,774	-100.00%	0	0	0.0%	0	5,154	-100.0%
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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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
Foreign Exchange Options												
AUD/USD PQO 2pm Fix	0	0	0.0%	851	992	-14.21%	0	0	0.0%	1,372	1,173	17.0%
Ag Products Futures												
BUTTER CS	0	0	0.0%	3,006	6,465	-53.50%	0	0	0.0%	7,768	12,058	-35.6%
CASH-SETTLED CHEESE	0	0	0.0%	11,797	7,911	49.12%	0	0	0.0%	27,202	22,175	22.7%
CATTLE	1,954	1,747	11.8%	1,135,805	1,074,842	5.67%	2,454	2,387	2.8%	2,792,817	2,565,781	8.8%
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	10,754	17,103	-37.1%	3,396,904	3,683,382	-7.78%	18,424	27,721	-33.5%	5,302,822	6,359,602	-16.6%
CLASS IV MILK	38	0	0.0%	1,314	917	43.29%	65	0	0.0%	5,347	1,432	273.4%
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	24,594	11,976	105.4%	9,911,762	10,414,405	-4.83%	37,467	29,632	26.4%	15,637,657	16,628,754	-6.0%
COTTON	0	0	0.0%	0	0	0.00%	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%	16,587	57,148	-70.98%	0	0	0.0%	39,415	133,454	-70.5%
DRY WHEY	0	0	0.0%	1,593	1,447	10.09%	0	0	0.0%	3,383	3,158	7.1%
FEEDER CATTLE	0	0	0.0%	265,244	289,654	-8.43%	0	5	-100.0%	525,136	542,689	-3.2%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	31,502	28,953	8.80%	0	0	0.0%	62,932	59,663	5.5%
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	15	-100.00%	0	0	0.0%	0	55	-100.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOGS	1,053	1,471	-28.4%	981,726	932,468	5.28%	2,339	3,180	-26.4%	2,090,831	1,921,225	8.8%
HOUSING INDEX	0	0	0.0%	2	3	-33.33%	0	0	0.0%	5	12	-58.3%
Intercommodity Spread	0	-	-	0	-	-	0	-	-	0	-	-
KC WHEAT	1,152	1,491	-22.7%	1,683,852	1,837,005	-8.34%	2,543	2,190	16.1%	2,568,559	3,105,218	-17.3%
LUMBER	0	0	0.0%	14,574	20,957	-30.46%	0	0	0.0%	28,918	36,291	-20.3%
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 FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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	8	202	-96.0%	24,893	18,468	34.79%	78	212	-63.2%	52,461	42,052	24.8%
MINI CORN	0	0	0.0%	7,461	10,466	-28.71%	0	0	0.0%	13,489	18,767	-28.1%
MINI SOYBEAN	0	0	0.0%	21,436	38,272	-43.99%	0	0	0.0%	38,266	59,670	-35.9%
MINI WHEAT	0	0	0.0%	4,503	6,408	-29.73%	0	0	0.0%	7,888	10,719	-26.4%
MLK MID OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NFD MILK	0	5	-100.0%	5,468	4,746	15.21%	0	38	-100.0%	14,368	9,983	43.9%
OATS	0	0	0.0%	16,379	14,371	13.97%	0	0	0.0%	26,404	29,247	-9.7%
ROUGH RICE	18	0	0.0%	26,559	21,021	26.35%	18	0	0.0%	36,242	35,362	2.5%
SOYBEAN	4,923	13,623	-63.9%	4,367,640	6,529,184	-33.11%	11,456	23,792	-51.8%	7,458,038	10,453,497	-28.7%
SOYBEAN MEAL	104	5,622	-98.2%	2,595,384	3,352,470	-22.58%	1,272	8,575	-85.2%	4,372,926	5,780,555	-24.4%
SOYBEAN OIL	142	1,570	-91.0%	2,832,925	3,434,047	-17.50%	753	2,669	-71.8%	4,754,720	5,513,682	-13.8%
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%	1,032	22	4,590.91%	0	0	0.0%	1,032	22	4,590.9%
Ag Products Options												
AUG-NOV SOYBEAN CAL SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BUTTER CS	444	1,083	-59.0%	2,044	3,050	-32.98%	2,530	1,921	31.7%	6,948	4,471	55.4%
CASH-SETTLED CHEESE	4,209	1,020	312.6%	7,243	4,993	45.06%	7,273	6,261	16.2%	18,383	17,956	2.4%
CATTLE	18,452	24,413	-24.4%	144,052	197,714	-27.14%	36,197	46,842	-22.7%	289,716	435,513	-33.5%
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	118,663	161,075	-26.3%	713,976	527,195	35.43%	219,559	402,611	-45.5%	1,179,235	1,160,877	1.6%
CLASS IV MILK	661	6	10,916.7%	3,121	1,563	99.68%	1,334	72	1,752.8%	8,377	2,445	242.6%
CORN	353,986	392,194	-9.7%	1,523,041	1,050,861	44.93%	612,270	841,616	-27.3%	2,672,652	2,258,418	18.3%
CORN NEARBY+2 CAL SPRD	5,150	1,900	171.1%	0	0	0.00%	6,900	3,850	79.2%	0	0	0.0%
DEC-DEC CORN CAL SPRD	38	301	-87.4%	0	0	0.00%	558	322	73.3%	0	0	0.0%
DEC-JULY CORN CAL SPRD	200	0	0.0%	0	0	0.00%	1,900	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	17	81	-79.0%	730	185	294.59%	42	558	-92.5%	1,442	580	148.6%
FEEDER CATTLE	391	2,549	-84.7%	17,300	23,675	-26.93%	832	5,621	-85.2%	42,769	58,089	-26.4%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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												
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	27,955	24,175	15.6%	203,662	162,120	25.62%	60,652	41,899	44.8%	423,053	288,585	46.6%
HOUSING INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Intercommodity Spread	317	1,598	-80.2%	0	0	0.00%	317	5,778	-94.5%	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	3,505	215	1,530.2%	0	100	-100.00%	3,605	319	1,030.1%	0	100	-100.0%
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	700	245	185.7%	0	5	-100.00%	1,300	245	430.6%	0	5	-100.0%
JULY-NOV SOYBEAN CAL SPR	1,080	13,220	-91.8%	88	230	-61.74%	2,811	16,288	-82.7%	188	235	-20.0%
KC WHEAT	23,413	29,129	-19.6%	77,369	63,884	21.11%	41,937	67,317	-37.7%	119,883	110,974	8.0%
LUMBER	0	72	-100.0%	1,182	1,921	-38.47%	10	131	-92.4%	3,340	3,941	-15.2%
LV CATL CSO	35	5	600.0%	0	0	0.00%	379	5	7,480.0%	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	0	0.0%	30	0	0.00%	0	200	-100.0%	30	0	0.0%
MILK	2,340	4,157	-43.7%	29,236	18,324	59.55%	4,959	10,339	-52.0%	72,980	44,081	65.6%
MLK MID OPTIONS	1	46	-97.8%	12	0	0.00%	4	84	-95.2%	64	0	0.0%
NFD MILK	136	1,635	-91.7%	6,453	3,145	105.18%	394	2,795	-85.9%	21,861	5,703	283.3%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	50	0	0.00%	0	1	-100.0%	50	0	0.0%
NOV-MAR SOYBEAN CSO	0	-	-	0	-	-	0	-	-	0	-	-
NOV-NOV SOYBEAN CAL SPR	14	0	0.0%	0	0	0.00%	114	9	1,166.7%	0	0	0.0%
OATS	535	113	373.5%	185	271	-31.73%	1,500	226	563.7%	632	607	4.1%
ROUGH RICE	2,653	313	747.6%	1,082	682	58.65%	3,088	1,053	193.3%	1,955	2,085	-6.2%
SEP-DEC SOYBEAN MEAL CSC	0	-	-	0	-	-	0	-	-	0	-	-
SOYBEAN	117,213	333,046	-64.8%	898,277	1,511,639	-40.58%	270,471	572,334	-52.7%	1,739,445	2,627,692	-33.8%
SOYBEAN CRUSH	0	31	-100.0%	0	0	0.00%	0	41	-100.0%	0	0	0.0%
SOYBEAN MEAL	26,856	169,930	-84.2%	102,072	233,825	-56.35%	68,989	262,430	-73.7%	220,912	412,718	-46.5%
SOYBEAN OIL	21,247	40,010	-46.9%	99,415	95,482	4.12%	37,343	75,245	-50.4%	196,563	180,657	8.8%
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	0	-	-	0	-	-	450	-	-	0	-	-
WHEAT	0	100	-100.0%	128	27	374.07%	0	310	-100.0%	335	154	117.5%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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 ICSD	0	1,355	-100.0%	0	0	0.00%	600	2,045	-70.7%	0	0	0.0%
WHEAT NEARBY+2 CAL SPRD	840	3,800	-77.9%	200	736	-72.83%	1,070	4,050	-73.6%	200	1,476	-86.4%
TOTAL FUTURES GROUP												
Interest Rate Futures	817,186	1,330,201	-38.6%	155,937,913	219,209,313	-28.9%	1,740,608	2,333,121	-25.4%	293,111,497	358,796,316	-18.3%
Equity Index Futures	8,390	26,660	-68.5%	39,878,473	64,457,430	-38.1%	17,758	43,375	-59.1%	93,758,546	107,586,885	-12.9%
Metals Futures	0	0	0.0%	8,727,980	11,578,428	-24.6%	0	0	0.0%	18,902,706	26,022,578	-27.4%
Energy Futures	0	0	0.0%	37,718,310	43,893,496	-14.1%	0	0	0.0%	81,406,501	96,080,147	-15.3%
FX Futures	5	375	-98.7%	13,429,085	18,779,540	-28.5%	11	461	-97.6%	29,713,627	39,385,796	-24.6%
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	1,774	-100.0%	0	0	0.0%	0	5,154	-100.0%
Ag Products Futures	44,740	54,810	-18.4%	27,359,348	31,785,047	-13.9%	76,869	100,401	-23.4%	45,868,629	53,345,125	-14.0%
TOTAL FUTURES	870,321	1,412,046	-38.4%	283,051,109	389,705,028	-27.4%	1,835,246	2,477,358	-25.9%	562,761,506	681,222,001	-17.4%
TOTAL OPTIONS GROUP												
Equity Index Options	614,544	1,514,595	-59.4%	10,000,209	26,148,277	-61.8%	1,585,233	3,331,344	-52.4%	23,011,067	44,287,215	-48.0%
Interest Rate Options	20,423,945	33,307,493	-38.7%	22,928,085	34,915,157	-34.3%	45,583,775	57,461,084	-20.7%	51,595,729	65,030,232	-20.7%
Metals Options	0	0	0.0%	772,588	941,131	-17.9%	0	0	0.0%	1,722,707	1,866,465	-7.7%
Energy Options	0	0	0.0%	2,597,485	4,662,964	-44.3%	0	0	0.0%	6,332,688	10,949,352	-42.2%
FX Options	1,618	2,860	-43.4%	937,744	1,666,515	-43.7%	3,505	7,010	-50.0%	2,112,571	3,695,983	-42.8%
Ag Products Options	731,051	1,207,817	-39.5%	3,830,948	3,901,627	-1.8%	1,389,388	2,372,818	-41.4%	7,021,013	7,617,362	-7.8%
Foreign Exchange Options	0	0	0.0%	851	992	-14.2%	0	0	0.0%	1,372	1,173	17.0%
TOTAL OPTIONS	21,771,158	36,032,765	-39.6%	41,067,910	72,236,663	-43.1%	48,561,901	63,172,256	-23.1%	91,797,147	133,447,782	-31.2%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2019	Open Outcry FEB 2018	% CHG	ELEC FEB 2019	ELEC FEB 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	21,241,131	34,637,694	-38.7%	178,865,998	254,124,470	-29.6%	47,324,383	59,794,205	-20.9%	344,707,226	423,826,548	-18.7%
Equity Index	622,934	1,541,255	-59.6%	49,878,682	90,605,707	-44.9%	1,602,991	3,374,719	-52.5%	116,769,613	151,874,100	-23.1%
Metals	0	0	0.0%	9,500,568	12,519,559	-24.1%	0	0	0.0%	20,625,413	27,889,043	-26.0%
Energy	0	0	0.0%	40,315,795	48,556,460	-17.0%	0	0	0.0%	87,739,189	107,029,499	-18.0%
FX	1,623	3,235	-49.8%	14,366,829	20,446,055	-29.7%	3,516	7,471	-52.9%	31,826,198	43,081,779	-26.1%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Foreign Exchange	0	0	0.0%	851	2,766	-69.2%	0	0	0.0%	1,372	6,327	-78.3%
Ag Products	775,791	1,262,627	-38.6%	31,190,296	35,686,674	-12.6%	1,466,257	2,473,219	-40.7%	52,889,642	60,962,487	-13.2%
GRAND TOTAL	22,641,479	37,444,811	-39.5%	324,119,019	461,941,691	-29.8%	50,397,147	65,649,614	-23.2%	654,558,653	814,669,783	-19.7%

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