

## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Interest Rate Futures</b>												
10-YR NOTE	158,739	96,173	65.1%	30,803,640	27,264,582	12.98%	826,445	802,276	3.0%	223,068,606	184,692,857	20.8%
10-YR SWAP RATE	0	0	0.0%	71,124	71,987	-1.20%	0	0	0.0%	281,974	280,819	0.4%
1-MONTH EURODOLLAR	0	0	0.0%	7,907	14,389	-45.05%	0	0	0.0%	30,042	38,029	-21.0%
2-YR NOTE	1,673	1,955	-14.4%	6,251,284	6,067,622	3.03%	17,080	9,208	85.5%	64,435,542	42,849,052	50.4%
2-YR SWAP RATE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
30-YR BOND	19,882	11,924	66.7%	5,903,001	5,975,362	-1.21%	119,501	113,315	5.5%	44,236,990	35,824,610	23.5%
30-YR SWAP RATE	0	0	0.0%	54	2,562	-97.89%	0	0	0.0%	983	9,118	-89.2%
5-YR NOTE	59,930	18,836	218.2%	16,414,929	15,263,651	7.54%	217,088	152,023	42.8%	137,452,718	110,415,323	24.5%
5-YR SWAP RATE	0	0	0.0%	36,359	65,931	-44.85%	0	0	0.0%	160,505	307,710	-47.8%
7-YR SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EURODOLLARS	689,410	609,937	13.0%	51,718,921	52,722,535	-1.90%	5,457,112	4,090,318	33.4%	410,877,073	342,530,255	20.0%
FED FUND	0	30	-100.0%	5,757,064	4,454,334	29.25%	0	30	-100.0%	34,716,338	29,022,158	19.6%
SOFR	0	-	-	32,511	-	-	0	-	-	66,142	-	-
Ultra 10-Year Note	0	0	0.0%	2,918,089	2,070,098	40.96%	0	8	-100.0%	22,847,517	12,295,756	85.8%
ULTRA T-BOND	0	0	0.0%	2,531,368	1,967,964	28.63%	230	0	0.0%	21,090,551	14,740,198	43.1%
<b>Interest Rate Options</b>												
10-YR NOTE	2,277,751	1,820,186	25.1%	10,665,535	7,780,763	37.08%	13,565,028	13,419,018	1.1%	66,324,908	47,913,781	38.4%
2-YR NOTE	216,557	30,172	617.7%	368,883	70,493	423.29%	916,501	164,380	457.6%	2,282,695	391,690	482.8%
30-YR BOND	196,850	302,541	-34.9%	1,759,070	2,585,133	-31.95%	1,777,898	1,460,142	21.8%	14,005,379	11,347,076	23.4%
5-YR NOTE	776,733	357,618	117.2%	2,943,607	1,617,951	81.93%	4,316,272	3,572,135	20.8%	16,812,280	12,027,156	39.8%
EURODOLLARS	7,118,106	9,129,673	-22.0%	4,318,157	4,827,950	-10.56%	59,695,410	59,373,630	0.5%	29,270,507	26,992,856	8.4%
EURO MIDCURVE	7,389,438	5,848,842	26.3%	4,899,529	4,826,588	1.51%	60,319,551	55,770,279	8.2%	35,036,562	30,569,413	14.6%
FED FUND	0	400	-100.0%	0	0	0.00%	1,750	8,398	-79.2%	15,267	1,407	985.1%
Ultra 10-Year Note	0	0	0.0%	0	298	-100.00%	0	952	-100.0%	28	6,797	-99.6%
ULTRA T-BOND	1,767	7,240	-75.6%	1,226	1,873	-34.54%	26,905	8,382	221.0%	14,988	10,608	41.3%

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<b>Equity Index Futures</b>												
BITCOIN FUTURES	0	-	-	63,733	-		0	-	-	341,754	-	-
DJ US REAL ESTATE	0	0	0.0%	41,543	25,821	60.89%	0	0	0.0%	143,326	94,221	52.1%
E-mini (\$5) Dow	0	0	0.0%	4,540,704	3,461,293	31.19%	0	0	0.0%	31,505,993	17,449,826	80.6%
E-mini FTSE 100 (USD)	0	0	0.0%	935	32	2,821.88%	0	0	0.0%	9,920	66	14,930.3%
E-mini FTSE China 50	0	0	0.0%	866	1,634	-47.00%	0	0	0.0%	7,469	8,183	-8.7%
E-MINI MIDCAP	0	0	0.0%	480,104	517,610	-7.25%	0	0	0.0%	2,356,612	2,308,566	2.1%
E-MINI NASDAQ 100	0	0	0.0%	8,347,607	8,926,460	-6.48%	0	0	0.0%	55,083,806	30,994,118	77.7%
E-MINI RUSSELL 1000	0	0	0.0%	10,380	1,673	520.44%	0	0	0.0%	52,424	6,909	658.8%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	6,817	1,580	331.46%	0	0	0.0%	44,979	5,226	760.7%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	16,292	1,486	996.37%	0	0	0.0%	56,650	10,639	432.5%
E-MINI RUSSELL 2000	0	-	-	3,807,789	-		0	-	-	17,045,651	-	-
E-MINI S&P500	0	0	0.0%	35,577,555	40,238,559	-11.58%	0	0	0.0%	217,788,738	194,005,375	12.3%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	2,126	7,873	-73.00%	0	0	0.0%	19,196	18,280	5.0%
FT-SE 100	0	0	0.0%	940	504	86.51%	0	0	0.0%	8,131	1,831	344.1%
FTSE Emerging	0	0	0.0%	65	103	-36.89%	0	0	0.0%	687	185	271.4%
IBOVESPA INDEX	0	0	0.0%	730	529	38.00%	0	0	0.0%	6,223	4,016	55.0%
NASDAQ BIOTECH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NIFTY 50	0	0	0.0%	0	10,123	-100.00%	0	0	0.0%	54,444	53,769	1.3%
NIKKEI 225 (\$) STOCK	0	0	0.0%	270,510	320,510	-15.60%	0	0	0.0%	2,135,106	1,689,077	26.4%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	766,529	1,056,775	-27.47%	0	0	0.0%	5,704,066	5,704,353	0.0%
S&P 500	99,374	153,247	-35.2%	3,398	3,504	-3.03%	295,996	482,444	-38.6%	35,148	27,914	25.9%
S&P 500/GI	0	0	0.0%	26	79	-67.09%	0	0	0.0%	52	138	-62.3%
S&P 500/VALUE	0	0	0.0%	4,810	18,947	-74.61%	0	0	0.0%	25,908	47,645	-45.6%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	16,574	3,359	393.42%	0	0	0.0%	84,156	25,206	233.9%
S&P CONSUMER STAPLES SE	0	0	0.0%	17,735	9,841	80.22%	0	0	0.0%	72,372	41,306	75.2%
S&P ENERGY SECTOR	0	0	0.0%	29,167	10,951	166.34%	0	0	0.0%	118,430	63,671	86.0%
S&P FINANCIAL SECTOR	0	0	0.0%	36,370	25,431	43.01%	0	0	0.0%	164,495	90,811	81.1%
S&P HEALTH CARE SECTOR	0	0	0.0%	14,597	17,646	-17.28%	0	0	0.0%	73,375	60,546	21.2%
S&P INDUSTRIAL SECTOR	0	0	0.0%	13,921	6,242	123.02%	0	0	0.0%	70,149	23,774	195.1%
S&P MATERIALS SECTOR	0	0	0.0%	8,515	11,575	-26.44%	0	0	0.0%	41,436	36,878	12.4%
S&P TECHNOLOGY SECTOR	0	0	0.0%	23,213	6,247	271.59%	0	0	0.0%	112,768	29,351	284.2%
S&P UTILITIES SECTOR	0	0	0.0%	29,884	33,347	-10.38%	0	0	0.0%	125,161	94,064	33.1%
YEN DENOMINATED TOPIX	0	-	-	843	-		0	-	-	2,274	-	-

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<b>Equity Index Options</b>												
E-mini (\$5) Dow	0	0	0.0%	9,269	5,152	79.91%	0	0	0.0%	66,147	30,092	119.8%
E-MINI MIDCAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
E-MINI NASDAQ 100	0	0	0.0%	182,334	294,921	-38.18%	0	0	0.0%	1,482,469	1,179,126	25.7%
E-MINI RUSSELL 2000	0	-	-	8,249	-	-	0	-	-	83,245	-	-
E-MINI S&P500	375	0	0.0%	4,604,777	4,629,119	-0.53%	5,330	1,935	175.5%	37,302,834	25,073,210	48.8%
EOM E-MINI RUSSELL 2000 EN	0	-	-	5,902	-	-	0	-	-	37,944	-	-
EOM EMINI S&P	0	0	0.0%	2,324,037	2,420,372	-3.98%	0	0	0.0%	16,313,747	12,450,461	31.0%
EOM S&P 500	198,808	190,593	4.3%	0	0	0.00%	1,269,267	1,040,082	22.0%	0	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	-	-	2,129	-	-	0	-	-	14,686	-	-
EOW1 E-MINI RUSSELL 2000 W	0	-	-	1,845	-	-	0	-	-	19,814	-	-
EOW1 EMINI S&P 500	0	0	0.0%	669,904	965,395	-30.61%	0	0	0.0%	6,719,134	6,882,481	-2.4%
EOW1 S&P 500	42,528	79,514	-46.5%	0	0	0.00%	411,706	478,676	-14.0%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	-	-	5,518	-	-	0	-	-	35,027	-	-
EOW2 EMINI S&P 500	0	0	0.0%	668,029	1,052,736	-36.54%	0	0	0.0%	8,214,279	6,783,134	21.1%
EOW2 S&P 500	134,334	185,204	-27.5%	0	0	0.00%	897,439	967,838	-7.3%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	-	-	17,810	-	-	0	-	-	145,005	-	-
EOW3 EMINI S&P 500	0	0	0.0%	2,022,039	2,600,475	-22.24%	0	0	0.0%	23,303,536	21,516,154	8.3%
EOW3 S&P 500	93,380	258,664	-63.9%	0	0	0.00%	1,999,117	2,052,727	-2.6%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	-	-	3,807	-	-	0	-	-	40,406	-	-
EOW4 EMINI S&P 500	0	0	0.0%	848,625	886,612	-4.28%	0	0	0.0%	7,524,986	5,496,165	36.9%
S&P 500	337,725	394,858	-14.5%	0	0	0.00%	1,957,458	1,910,017	2.5%	0	0	0.0%

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<b>Metals Futures</b>												
ALUMINUM	0	0	0.0%	590	323	82.66%	0	0	0.0%	4,628	5,187	-10.8%
COMEX COPPER	0	0	0.0%	3,580,829	2,258,347	58.56%	0	0	0.0%	17,367,541	12,119,652	43.3%
COMEX E-Mini GOLD	0	0	0.0%	5,175	5,858	-11.66%	0	0	0.0%	40,680	51,873	-21.6%
COMEX E-Mini SILVER	0	0	0.0%	1,586	986	60.85%	0	0	0.0%	7,443	5,484	35.7%
COMEX GOLD	0	0	0.0%	5,505,752	4,715,409	16.76%	0	0	0.0%	42,738,699	31,224,084	36.9%
COMEX MINY COPPER	0	0	0.0%	418	996	-58.03%	0	0	0.0%	3,180	5,109	-37.8%
COMEX SILVER	0	0	0.0%	2,398,646	2,319,492	3.41%	0	0	0.0%	12,609,573	10,845,934	16.3%
COPPER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
E-MICRO GOLD	0	0	0.0%	112,175	87,230	28.60%	0	0	0.0%	780,046	524,616	48.7%
FERROUS PRODUCTS	0	0	0.0%	35	0	0.00%	0	0	0.0%	102	35	191.4%
GOLD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Gold Kilo	0	0	0.0%	0	356	-100.00%	0	0	0.0%	136	2,277	-94.0%
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%	20	225	-91.11%	0	0	0.0%	79	1,940	-95.9%
LNDN ZINC	0	0	0.0%	1,116	35	3,088.57%	0	0	0.0%	1,293	85	1,421.2%
METALS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYMEX HOT ROLLED STEEL	0	0	0.0%	3,120	342	812.28%	0	0	0.0%	18,773	1,268	1,380.5%
NYMEX PLATINUM	0	0	0.0%	631,904	516,269	22.40%	0	0	0.0%	2,744,553	2,243,011	22.4%
PALLADIUM	0	0	0.0%	90,472	113,174	-20.06%	0	0	0.0%	701,148	722,378	-2.9%
SILVER	0	0	0.0%	9,728	5,916	64.44%	0	0	0.0%	44,542	31,386	41.9%
URANIUM	0	0	0.0%	31	0	0.00%	0	0	0.0%	110	427	-74.2%

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<b>Metals Options</b>												
COMEX COPPER	0	0	0.0%	25,461	2,328	993.69%	0	0	0.0%	97,258	19,921	388.2%
COMEX GOLD	0	0	0.0%	747,064	616,257	21.23%	0	0	0.0%	4,578,848	3,658,825	25.1%
COMEX SILVER	0	0	0.0%	159,517	98,052	62.69%	0	0	0.0%	794,103	600,586	32.2%
COPPER	0	-	-	37	-		0	-	-	48	-	-
GOLD	0	0	0.0%	42,174	15,244	176.66%	0	0	0.0%	211,976	68,263	210.5%
HOT ROLLED COIL STEEL CAL	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%	1,814	980	85.10%	0	0	0.0%	8,919	4,974	79.3%
PALLADIUM	0	0	0.0%	1,343	1,092	22.99%	0	0	0.0%	10,310	5,791	78.0%
SILVER	0	0	0.0%	3,363	55	6,014.55%	0	0	0.0%	6,342	1,315	382.3%
<b>Energy Futures</b>												
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	0	0.00%	0	0	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	0	0.00%	0	0	0.0%	0	0	0.0%
ANR OKLAHOMA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
APPALACHIAN COAL (PHY)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ARGUS LLS VS. WTI (ARG) T	0	0	0.0%	0	0	0.00%	0	0	0.0%	30	60	-50.0%
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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Energy Futures</b>												
BRENT OIL LAST DAY	0	0	0.0%	2,153,333	2,151,960	0.06%	0	0	0.0%	10,963,391	12,219,903	-10.3%
CAISO SP15 EZGNHUB5 MW P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CAISO SP15 EZGNHUB5 PEAK	0	0	0.0%	0	0	0.00%	0	0	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%
CENTERPOINT EAST INDEX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CEU ENERGY	0	-	-	10,341	-		0	-	-	41,798	-	-
CHICAGO ETHANOL SWAP	0	0	0.0%	239	142	68.31%	0	0	0.0%	1,830	1,389	31.7%
CHICAGO ULSD (PLATTS) SWA	0	0	0.0%	0	0	0.00%	0	0	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	0	0.00%	0	0	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 MAIN NAT G	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
COLUMBIA GULF ONSHORE	0	0	0.0%	0	0	0.00%	0	0	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%	19	0	0.00%	0	0	0.0%	31	39	-20.5%
CRUDE OIL	0	0	0.0%	0	1	-100.00%	0	0	0.0%	89	205	-56.6%
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%	28,073,133	28,579,494	-1.77%	0	0	0.0%	164,894,259	143,845,493	14.6%
CRUDE OIL SPRDS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	50	-100.0%
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	0	0.00%	0	0	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Energy Futures</b>												
DEMARC INDEX FUTURE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DEMARC SWING SWAP	-	0	0.0%	-	0	0.00%	-	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	-	-
DLY GAS EURO-BOB OXY	-	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%
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	0	0.00%	0	0	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%	0	0	0.00%	0	0	0.0%	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	-	-
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	0	0.00%	0	0	0.0%	0	0	0.0%
ELEC WEST POWER PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EL PASO PERMIAN INDEX SWA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ERCOT DAILY 5MW PEAK	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%	9,346	9,673	-3.38%	0	0	0.0%	56,458	96,415	-41.4%
ETHANOL FWD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Energy Futures</b>												
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 10 CAL SWAP	-	0	0.0%	-	0	0.00%	-	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%
EUROPEAN GASOIL (ICE)	0	0	0.0%	551	4,926	-88.81%	0	0	0.0%	2,999	20,220	-85.2%
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%
FL GAS ZONE 3 NAT GAS IND	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
FLORIDA GAS ZONE3 BASIS S	0	0	0.0%	0	0	0.00%	0	0	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 BRGS FOB VS IC	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 CIF MED SWAP	0	0	0.0%	0	0	0.00%	0	0	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	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CRG CIF NW VS	-	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Energy Futures</b>												
GASOIL 10P CRG CIF NW VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 10PPM CARGOES CIF	-	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	0	0.00%	0	0	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%
GASOLINE UP-DOWN BALMO S	-	0	0.0%	-	0	0.00%	-	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 GASOLINE CLND	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
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 CALEND	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 CRCK SPRD BAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HEATING OIL PHY	0	0	0.0%	3,576,970	3,411,987	4.84%	0	0	0.0%	23,059,023	19,261,118	19.7%
HENRY HUB BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2,996	-100.0%
HENRY HUB FINANCIAL LAST	0	-	-	4,422	-		0	-	-	14,779	-	-
HENRY HUB INDEX SWAP FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2,996	-100.0%
HENRY HUB SWAP	0	0	0.0%	13,454	6,982	92.70%	0	0	0.0%	53,964	59,659	-9.5%
HENRY HUB SWING FUTURE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HOUSTON SHIP CHANNEL BAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOUSTON SHIP CHANNEL IND	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HTG OIL	0	0	0.0%	0	48	-100.00%	0	0	0.0%	0	84	-100.0%
HUSTN SHIP CHNL PIPE SWP	0	0	0.0%	0	0	0.00%	0	0	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	-	-
IN DELIVERY MONTH EUA	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 JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Energy Futures</b>												
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	0	0.00%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	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 BARGES VS ICE GASOIL	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	0.0%	0	0	0.0%
JET FUEL CRG CIF NEW VS I	0	0	0.0%	0	0	0.00%	0	0	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	0	0.00%	0	0	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	0	0.00%	0	0	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) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	15	-100.0%
LTD NAT GAS	0	0	0.0%	178,012	173,579	2.55%	0	0	0.0%	1,316,231	716,048	83.8%
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%	0	0	0.0%
MARS BLEND CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	200	-100.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	15	0	0.00%	0	0	0.0%	429	0	0.0%
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%
MICHCON NG INDEX SWAP	-	0	0.0%	-	0	0.00%	-	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Energy Futures</b>												
MINY HTG OIL	0	0	0.0%	3	1	200.00%	0	0	0.0%	18	14	28.6%
MINY NATURAL GAS	0	0	0.0%	18,636	20,763	-10.24%	0	0	0.0%	167,538	168,024	-0.3%
MINY RBOB GAS	0	0	0.0%	4	4	0.00%	0	0	0.0%	19	28	-32.1%
MINY WTI CRUDE OIL	0	0	0.0%	380,831	307,971	23.66%	0	0	0.0%	1,976,858	1,560,963	26.6%
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%	31	14	121.43%	0	0	0.0%	88	144	-38.9%
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%	16,156	53,019	-69.53%	0	0	0.0%	310,964	222,349	39.9%
NATURAL GAS FIXED PRICE S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS PEN SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	51	-100.0%
NATURAL GAS PHY	0	0	0.0%	7,779,320	8,930,673	-12.89%	0	0	0.0%	52,875,514	51,310,959	3.0%
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 NEW HAMP 5MW D A	-	0	0.0%	-	0	0.00%	-	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 SE MASS 5MW D AH	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NEPOOL SE MASS 5MW D AH	-	0	0.0%	-	0	0.00%	-	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Energy Futures</b>												
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 MIDCONTINENT INDEX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NGPL MIDCONTINENT SWING	-	0	0.0%	-	0	0.00%	-	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%
NGPL TEXOK INDEX	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	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	0	0.00%	0	0	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	0	0.00%	0	0	0.0%	46	3	1,433.3%
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%
NYH NO 2 CRACK SPREAD CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY H OIL PLATTS VS NYMEX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO A	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO A OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	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	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO G OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	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	0	0.00%	0	0	0.0%	0	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Energy Futures</b>												
NYISO ZONE C 5MW D AH PK	0	0	0.0%	0	0	0.00%	0	0	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%
NY JET FUEL (PLATTS) HEAT C	-	0	0.0%	-	0	0.00%	-	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 INDEX SWAP FUT	-	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%
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	0	0.00%	0	0	0.0%	0	0	0.0%
PJM AECO DA PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM APS ZONE DA OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM APS ZONE DA PEAK	0	0	0.0%	0	0	0.00%	0	0	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Energy Futures</b>												
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	0	0.00%	0	0	0.0%	0	0	0.0%
PJM JCPL DA PEAK	0	0	0.0%	0	0	0.00%	0	0	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	0.00%	-	0	0.0%	-	0	0.0%
PJM PPL DA OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM PPL DA PEAK	0	0	0.0%	0	0	0.00%	0	0	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 WES HUB PEAK LMP 50 M	-	0	0.0%	-	0	0.00%	-	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	5	-100.0%
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	0	0.00%	0	0	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%	3,965,280	4,128,751	-3.96%	0	0	0.0%	23,556,440	23,307,136	1.1%
RBOB (PLATTS) CAL SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RBOB SPREAD (PLATTS) SWA	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 JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Energy Futures</b>												
RBOB UP-DOWN CALENDAR S	-	0	0.0%	-	0	0.00%	-	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%
ROCKIES KERN OPAL - NW IN	-	0	0.0%	-	0	0.00%	-	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	6	-100.00%	0	0	0.0%	2	36	-94.4%
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%	2	5	-60.0%
SINGAPORE NAPHTHA BALMO	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	0.0%	0	0	0.0%
SONAT BASIS SWAP FUTURE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SOUTHERN NAT LA NAT GAS	-	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	0	0.00%	0	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37	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%
TCO NG INDEX SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	0	-	-	0	-		0	-	-	0	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Energy Futures</b>												
TENN 800 LEG NAT GAS INDE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TENNESSEE 500 LEG BASIS S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TENNESSEE 800 LEG NG BASI	0	0	0.0%	0	0	0.00%	0	0	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	0	0.00%	0	0	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	0	0.00%	0	0	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	0	0.00%	0	0	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	0	0.00%	0	0	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 BALMO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ULSD 10PPM CIF MED SWAP	0	0	0.0%	0	0	0.00%	0	0	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	-	-
ULSD 10PPM CIF VS ICE GAS	-	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%
USGC UNL 87 CRACK SPREAD	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	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%	3	0	0.00%	0	0	0.0%	3	120	-97.5%
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 JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Energy Options</b>												
12 MO GASOIL CAL SWAP SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
1 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	-	-
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	-	-
BRENT CRUDE OIL 1 M CSO	0	-	-	100	-		0	-	-	2,400	-	-
BRENT CRUDE OIL 6 M CSO	0	-	-	0	-		0	-	-	0	-	-
BRENT OIL LAST DAY	0	0	0.0%	86,288	2,119	3,972.11%	0	0	0.0%	292,823	24,710	1,085.0%
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%	13,950	22,901	-39.09%	0	0	0.0%	95,060	108,859	-12.7%
CRUDE OIL APO	0	0	0.0%	30	12	150.00%	0	0	0.0%	331	52	536.5%
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%	2,758,841	3,208,673	-14.02%	0	0	0.0%	18,489,035	19,401,243	-4.7%
ELEC FINSETTLED	-	0	0.0%	-	0	0.00%	-	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%
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%
EURO-DENOMINATED PETRO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EUROPEAN JET KEROSENE N	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOLINE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL CRACK OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL CRK SPD AVG P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	0	0.0%	5,622	6,685	-15.90%	0	0	0.0%	37,807	31,133	21.4%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0.00%	0	0	0.0%	5	0	0.0%
HO 1 MONTH CLNDR OPTIONS	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%
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	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	153	200	-23.50%	0	0	0.0%	154	200	-23.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Energy Options</b>												
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%	1	0	0.0%
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%
NATURAL GAS PHY	0	0	0.0%	853,619	1,529,875	-44.20%	0	0	0.0%	7,609,981	7,057,508	7.8%
NG HH 3 MONTH CAL	-	0	0.0%	-	0	0.00%	-	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%
NY HARBOR HEAT OIL SWP	0	0	0.0%	82	70	17.14%	0	0	0.0%	343	389	-11.8%
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	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL O	-	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%	15	0	0.00%	0	0	0.0%	20	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	-	-
PJM MONTHLY	-	0	0.0%	-	0	0.00%	-	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	10	-100.0%
RBOB PHY	0	0	0.0%	2,488	5,589	-55.48%	0	0	0.0%	25,717	35,454	-27.5%
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%	32	0	0.00%	0	0	0.0%	500	0	0.0%
SHORT TERM NATURAL GAS	0	0	0.0%	136	0	0.00%	0	0	0.0%	562	0	0.0%
SINGAPORE GASOIL CALEND A	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	0	0.00%	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	2,450	300	716.67%	0	0	0.0%	135,261	5,020	2,594.4%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	600	0	0.00%	0	0	0.0%	13,750	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>FX Futures</b>												
AD/CD CROSS RATES	0	0	0.0%	7	3	133.33%	0	0	0.0%	42	26	61.5%
AD/JY CROSS RATES	0	0	0.0%	4,890	4,036	21.16%	0	0	0.0%	23,468	13,205	77.7%
AD/NE CROSS RATES	0	0	0.0%	66	141	-53.19%	0	0	0.0%	452	510	-11.4%
AUSTRALIAN DOLLAR	0	528	-100.0%	2,461,509	2,092,659	17.63%	0	1,495	-100.0%	14,566,543	11,207,860	30.0%
BDI	0	0	0.0%	0	291	-100.00%	0	0	0.0%	0	6,243	-100.0%
BP/JY CROSS RATES	0	0	0.0%	2,542	4,447	-42.84%	0	0	0.0%	19,389	15,824	22.5%
BP/SF CROSS RATES	0	0	0.0%	279	72	287.50%	0	0	0.0%	1,969	544	261.9%
BRAZIL REAL	0	0	0.0%	124,216	46,404	167.68%	0	0	0.0%	584,154	295,425	97.7%
BRITISH POUND	0	0	0.0%	3,011,581	3,123,215	-3.57%	7	248	-97.2%	16,743,154	14,970,522	11.8%
CANADIAN DOLLAR	5	0	0.0%	2,130,178	2,122,379	0.37%	38	2,034	-98.1%	11,025,234	9,142,257	20.6%
CD/JY CROSS RATES	0	0	0.0%	14	2	600.00%	0	0	0.0%	538	436	23.4%
CHINESE RENMINBI (CNH)	0	0	0.0%	2,786	1,300	114.31%	0	0	0.0%	14,636	8,991	62.8%
EC/AD CROSS RATES	0	0	0.0%	3,987	5,472	-27.14%	0	0	0.0%	10,282	16,466	-37.6%
EC/CD CROSS RATES	0	0	0.0%	6,230	10,216	-39.02%	0	0	0.0%	23,198	25,079	-7.5%
EC/NOK CROSS RATES	0	0	0.0%	642	78	723.08%	0	0	0.0%	2,179	284	667.3%
EC/SEK CROSS RATES	0	0	0.0%	2,317	1,198	93.41%	0	0	0.0%	5,547	1,845	200.7%
EFX/BP CROSS RATES	0	0	0.0%	137,932	123,579	11.61%	0	0	0.0%	497,564	391,945	26.9%
EFX/JY CROSS RATES	0	0	0.0%	128,820	117,466	9.67%	0	0	0.0%	528,365	360,134	46.7%
EFX/SF CROSS RATES	0	0	0.0%	39,014	49,320	-20.90%	0	0	0.0%	177,323	186,685	-5.0%
E-MICRO AUD/USD	0	0	0.0%	90,324	83,523	8.14%	0	0	0.0%	597,599	477,145	25.2%
E-MICRO CAD/USD	0	0	0.0%	21,847	21,935	-0.40%	0	0	0.0%	112,649	100,874	11.7%
E-MICRO CHF/USD	0	0	0.0%	1,644	908	81.06%	0	0	0.0%	8,260	5,677	45.5%
E-MICRO EUR/USD	0	0	0.0%	419,734	243,363	72.47%	0	0	0.0%	2,463,981	1,572,883	56.7%
E-MICRO GBP/USD	0	0	0.0%	41,991	77,236	-45.63%	0	0	0.0%	312,086	391,328	-20.2%
E-MICRO INR/USD	0	0	0.0%	5,877	2,804	109.59%	0	0	0.0%	24,550	15,376	59.7%
E-MICRO JPY/USD	0	0	0.0%	28,472	31,242	-8.87%	0	0	0.0%	199,307	270,427	-26.3%
E-MICRO USD/CAD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
E-MICRO USD/CHF	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
E-MICRO USD/CNH	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
E-MICRO USD/JPY	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
E-MINI EURO FX	0	0	0.0%	154,385	124,343	24.16%	0	0	0.0%	672,518	548,275	22.7%
E-MINI JAPANESE YEN	0	0	0.0%	17,728	46,047	-61.50%	0	0	0.0%	80,571	214,857	-62.5%
EURO FX	4	507	-99.2%	7,331,565	5,264,986	39.25%	450	2,238	-79.9%	36,301,190	26,406,668	37.5%
HUNGARIAN FORINT (EC)	0	-	-	0	-		0	-	-	0	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>FX Futures</b>												
INDIAN RUPEE	0	0	0.0%	102,016	31,324	225.68%	0	0	0.0%	556,767	187,970	196.2%
JAPANESE YEN	83	432	-80.8%	3,075,581	3,749,132	-17.97%	100	7,794	-98.7%	19,297,950	20,644,719	-6.5%
KOREAN WON	0	0	0.0%	224	56	300.00%	0	0	0.0%	1,525	123	1,139.8%
MEXICAN PESO	0	0	0.0%	1,791,902	1,364,067	31.36%	0	5	-100.0%	8,588,245	6,298,073	36.4%
NEW ZEALND DOLLAR	0	0	0.0%	643,141	616,030	4.40%	0	0	0.0%	4,045,837	2,964,060	36.5%
NKR/USD CROSS RATE	0	0	0.0%	6,241	2,220	181.13%	0	0	0.0%	24,418	10,447	133.7%
POLISH ZLOTY (EC)	0	0	0.0%	11	58	-81.03%	0	0	0.0%	75	323	-76.8%
POLISH ZLOTY (US)	0	0	0.0%	75	114	-34.21%	0	0	0.0%	594	683	-13.0%
RMB USD	0	0	0.0%	1	42	-97.62%	0	0	0.0%	17	184	-90.8%
RUSSIAN RUBLE	0	0	0.0%	52,160	49,327	5.74%	0	0	0.0%	338,019	216,749	55.9%
S.AFRICAN RAND	0	0	0.0%	57,203	48,738	17.37%	0	0	0.0%	268,133	242,802	10.4%
SF/JY CROSS RATES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SHEKEL	0	-	-	0	-		0	-	-	0	-	-
SKR/USD CROSS RATES	0	0	0.0%	6,390	2,906	119.89%	0	0	0.0%	22,664	12,337	83.7%
SWISS FRANC	0	0	0.0%	685,378	632,818	8.31%	0	0	0.0%	3,615,357	3,101,256	16.6%
TURKISH LIRA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	12	-100.0%
USDZAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	5	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>FX Options</b>												
AUD/USD PQO 2pm Fix	0	1,200	-100.0%	120,095	120,840	-0.62%	0	3,175	-100.0%	755,169	479,663	57.4%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2	-100.0%
AUSTRALIAN DOLLAR	0	0	0.0%	0	11,469	-100.00%	0	2,674	-100.0%	0	200,250	-100.0%
BRITISH POUND	0	2	-100.0%	0	90,859	-100.00%	0	693	-100.0%	0	462,114	-100.0%
BRITISH POUND (EU)	0	0	0.0%	13	96	-86.46%	0	0	0.0%	241	1,044	-76.9%
CAD/USD PQO 2pm Fix	315	194	62.4%	181,913	172,085	5.71%	1,934	2,326	-16.9%	1,033,615	564,736	83.0%
CANADIAN DOLLAR	0	5	-100.0%	0	10,867	-100.00%	0	4,597	-100.0%	0	183,080	-100.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	0	8	-100.00%	0	0	0.0%	63	86	-26.7%
CHF/USD PQO 2pm Fix	0	0	0.0%	5,418	1,726	213.90%	0	0	0.0%	18,670	12,263	52.2%
EFX/JY CROSS RATES	0	-	-	0	-	-	0	-	-	0	-	-
EURO FX	0	148	-100.0%	0	67,624	-100.00%	0	8,535	-100.0%	0	1,287,538	-100.0%
EURO FX (EU)	0	0	0.0%	3	43	-93.02%	0	0	0.0%	31	333	-90.7%
EUR/USD PQO 2pm Fix	745	4,037	-81.5%	738,572	630,641	17.11%	8,300	16,762	-50.5%	4,953,313	2,630,820	88.3%
GBP/USD PQO 2pm Fix	96	1,909	-95.0%	225,534	304,652	-25.97%	576	2,434	-76.3%	1,447,984	942,345	53.7%
JAPANESE YEN	0	150	-100.0%	0	45,587	-100.00%	0	8,468	-100.0%	0	544,469	-100.0%
JAPANESE YEN (EU)	0	0	0.0%	0	3	-100.00%	0	0	0.0%	0	140	-100.0%
JPY/USD PQO 2pm Fix	450	1,686	-73.3%	217,380	291,347	-25.39%	3,883	26,536	-85.4%	1,578,416	1,294,895	21.9%
MEXICAN PESO	1,193	0	0.0%	1,790	1,625	10.15%	3,888	749	419.1%	9,682	19,688	-50.8%
RUSSIAN RUBLE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SWISS FRANC	0	0	0.0%	0	383	-100.00%	0	0	0.0%	0	5,710	-100.0%
SWISS FRANC (EU)	0	0	0.0%	0	3	-100.00%	0	0	0.0%	0	14	-100.0%
<b>Ags Futures</b>												
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	0	0.0%	307	3,374	-90.90%	0	0	0.0%	8,795	4,482	96.2%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Foreign Exchange Options</b>												
AUD/USD PQO 2pm Fix	0	-	-	1,041	-		0	-	-	4,655	-	-
<b>Ag Products Futures</b>												
BUTTER CS	0	0	0.0%	4,941	2,532	95.14%	0	0	0.0%	27,305	17,687	54.4%
CASH-SETTLED CHEESE	0	0	0.0%	14,967	7,814	91.54%	0	0	0.0%	60,453	60,242	0.4%
CAT EURO SEASONAL STRIP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CATTLE	2,010	4,302	-53.3%	1,167,660	1,194,924	-2.28%	8,646	27,772	-68.9%	8,323,047	8,389,782	-0.8%
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	25	-100.00%	0	0	0.0%	0	25	-100.0%
CHI WHEAT	14,476	19,556	-26.0%	4,181,538	4,076,578	2.57%	83,342	108,649	-23.3%	20,351,354	17,583,865	15.7%
CLASS IV MILK	0	1	-100.0%	675	719	-6.12%	0	61	-100.0%	3,568	6,948	-48.6%
COCOA TAS	0	0	0.0%	0	7	-100.00%	0	0	0.0%	5	81	-93.8%
COFFEE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	40	-100.0%
CORN	61,489	50,780	21.1%	11,050,107	11,421,917	-3.26%	210,734	205,957	2.3%	53,908,371	45,285,679	19.0%
COTTON	0	0	0.0%	0	1	-100.00%	0	0	0.0%	2	15	-86.7%
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%	183,571	109,564	67.55%	0	0	0.0%	534,624	441,591	21.1%
DRY WHEY	0	0	0.0%	1,808	1,340	34.93%	0	0	0.0%	7,869	12,893	-39.0%
FEEDER CATTLE	0	20	-100.0%	244,093	257,423	-5.18%	12	423	-97.2%	1,735,393	1,685,503	3.0%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	33,276	34,718	-4.15%	0	0	0.0%	191,679	206,734	-7.3%
GSCI EXCESS RETURN FUT	0	0	0.0%	9	346	-97.40%	0	0	0.0%	305	702	-56.6%
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%	55	50	10.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	50	-100.0%
HOGS	1,494	3,010	-50.4%	1,305,756	1,112,056	17.42%	8,619	14,490	-40.5%	6,569,929	5,341,288	23.0%
HOUSING INDEX	0	0	0.0%	15	13	15.38%	0	0	0.0%	52	76	-31.6%
Intercommodity Spread	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
KC WHEAT	884	2,585	-65.8%	1,564,282	1,653,159	-5.38%	7,449	8,318	-10.4%	8,592,950	6,390,039	34.5%
LUMBER	0	0	0.0%	22,984	15,164	51.57%	0	0	0.0%	118,709	99,540	19.3%

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<b>Ag Products Futures</b>												
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	176	53	232.1%	32,925	25,516	29.04%	868	658	31.9%	131,942	164,568	-19.8%
MINI CORN	0	0	0.0%	12,076	17,017	-29.04%	0	0	0.0%	65,367	61,235	6.7%
MINI SOYBEAN	0	0	0.0%	19,999	15,326	30.49%	0	0	0.0%	155,967	95,037	64.1%
MINI WHEAT	0	0	0.0%	12,631	9,081	39.09%	0	0	0.0%	43,555	36,545	19.2%
MLK MID OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	4,232	5,511	-23.21%	43	0	0.0%	31,094	30,966	0.4%
OATS	40	0	0.0%	15,889	21,827	-27.20%	40	80	-50.0%	90,724	87,710	3.4%
PALM OIL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ROUGH RICE	0	0	0.0%	29,840	29,357	1.65%	0	0	0.0%	113,492	140,055	-19.0%
SOYBEAN	18,210	10,931	66.6%	6,256,150	4,939,729	26.65%	96,843	80,929	19.7%	32,346,002	25,094,882	28.9%
SOYBEAN MEAL	4,201	1,765	138.0%	3,132,135	2,475,311	26.54%	28,582	12,460	129.4%	16,579,708	12,167,915	36.3%
SOYBEAN OIL	2,008	4,541	-55.8%	3,382,627	2,881,638	17.39%	9,993	24,788	-59.7%	16,215,388	14,259,508	13.7%
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	7	-100.00%	0	0	0.0%	58	32	81.3%
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	22,072	-100.00%	0	0	0.0%	22	86,752	-100.0%
<b>Ag Products Options</b>												
AUG-DEC SOYBEAN MEAL CS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
AUG-NOV SOYBEAN CAL SPR	0	3	-100.0%	0	0	0.00%	0	53	-100.0%	0	0	0.0%
BUTTER CS	2,254	1,009	123.4%	3,824	370	933.51%	7,791	5,794	34.5%	16,744	1,715	876.3%
CASH-SETTLED CHEESE	3,414	2,019	69.1%	11,140	1,361	718.52%	15,990	24,094	-33.6%	44,063	19,147	130.1%
CATTLE	26,502	44,910	-41.0%	156,198	181,846	-14.10%	175,204	350,514	-50.0%	1,428,922	1,236,121	15.6%
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	177,800	185,847	-4.3%	663,693	792,672	-16.27%	1,090,792	968,723	12.6%	3,861,068	3,192,342	20.9%
CLASS IV MILK	38	264	-85.6%	770	2,453	-68.61%	493	2,124	-76.8%	4,999	9,270	-46.1%
CORN	990,092	983,791	0.6%	2,958,760	2,326,296	27.19%	3,762,447	3,645,212	3.2%	10,627,876	8,724,049	21.8%
CORN NEARBY+2 CAL SPRD	50	3,695	-98.6%	0	45	-100.00%	6,978	6,817	2.4%	0	77	-100.0%
DEC-DEC CORN CAL SPRD	1,921	1,555	23.5%	0	187	-100.00%	6,171	5,475	12.7%	0	187	-100.0%
DEC-JULY CORN CAL SPRD	1,660	11,620	-85.7%	0	0	0.00%	3,160	17,820	-82.3%	0	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Ag Products Options</b>												
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DRY WHEY	296	70	322.9%	951	116	719.83%	1,119	1,720	-34.9%	2,521	753	234.8%
FEEDER CATTLE	980	6,371	-84.6%	15,327	22,251	-31.12%	13,133	23,262	-43.5%	173,388	188,043	-7.8%
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	0	0.00%	0	0	0.0%	0	0	0.0%
HOGS	32,849	44,708	-26.5%	207,861	175,449	18.47%	154,077	164,759	-6.5%	1,009,897	968,200	4.3%
HOUSING INDEX	0	0	0.0%	0	1	-100.00%	0	0	0.0%	0	25	-100.0%
Intercommodity Spread	1,510	200	655.0%	0	0	0.00%	8,779	701	1,152.4%	0	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	0	-	-	0	-	-	0	-	-	0	-	-
JULY-DEC CORN CAL SPRD	427	2,070	-79.4%	0	0	0.00%	9,346	17,402	-46.3%	100	0	0.0%
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0.00%	0	630	-100.0%	0	10	-100.0%
JULY-DEC WHEAT CAL SPRD	650	164	296.3%	400	200	100.00%	1,965	1,414	39.0%	455	200	127.5%
JULY-JULY WHEAT CAL SPRD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JULY-NOV SOYBEAN CAL SPR	210	4,723	-95.6%	0	0	0.00%	47,773	69,340	-31.1%	2,333	1,317	77.1%
KC WHEAT	27,902	26,616	4.8%	46,416	60,603	-23.41%	200,452	100,134	100.2%	356,090	211,574	68.3%
LUMBER	49	0	0.0%	1,962	944	107.84%	206	30	586.7%	11,866	7,143	66.1%
LV CATL CSO	5	100	-95.0%	0	0	0.00%	108	1,257	-91.4%	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%	0	0	0.00%	200	1,293	-84.5%	0	76	-100.0%
MILK	5,101	10,499	-51.4%	40,167	19,206	109.14%	41,060	74,308	-44.7%	145,976	142,497	2.4%
MLK MID OPTIONS	12	30	-60.0%	1	0	0.00%	290	485	-40.2%	1	0	0.0%
NFD MILK	488	934	-47.8%	4,937	3,336	47.99%	7,233	10,176	-28.9%	25,564	17,143	49.1%
NOV-JULY SOYBEAN CAL SPR	0	600	-100.0%	0	0	0.00%	1	625	-99.8%	0	0	0.0%
NOV-MAR SOYBEAN CSO	10	-	-	0	-	-	80	-	-	0	-	-
NOV-NOV SOYBEAN CAL SPR	0	3	-100.0%	0	0	0.00%	18	79	-77.2%	0	0	0.0%
OATS	100	401	-75.1%	179	1,211	-85.22%	672	3,167	-78.8%	1,810	4,190	-56.8%
ROUGH RICE	791	1,767	-55.2%	1,204	1,109	8.57%	3,304	7,125	-53.6%	5,375	6,266	-14.2%
SEP-DEC SOYBEAN MEAL CSC	366	-	-	0	-	-	1,166	-	-	0	-	-
SOYBEAN	396,118	260,203	52.2%	1,935,714	1,393,576	38.90%	2,044,435	1,789,511	14.2%	9,107,744	6,236,486	46.0%
SOYBEAN CRUSH	10	30	-66.7%	0	0	0.00%	131	455	-71.2%	0	0	0.0%
SOYBEAN MEAL	111,554	54,276	105.5%	259,347	146,910	76.53%	761,724	337,074	126.0%	1,309,990	757,347	73.0%
SOYBEAN OIL	27,273	93,226	-70.7%	80,901	98,425	-17.80%	219,051	564,512	-61.2%	494,587	579,094	-14.6%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2018	Open Outcry JUN 2017	% CHG	ELEC JUN 2018	ELEC JUN 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Ag Products Options</b>												
SOYBN NEARBY+2 CAL SPRD	10	0	0.0%	0	0	0.00%	10	460	-97.8%	0	600	-100.0%
SOYMEAL NEARBY+2 CAL SPR	2,000	0	0.0%	0	0	0.00%	2,400	0	0.0%	0	0	0.0%
WHEAT	0	214	-100.0%	59	20	195.00%	610	997	-38.8%	213	427	-50.1%
WHEAT-CORN ICSD	400	2,000	-80.0%	0	0	0.00%	3,345	5,205	-35.7%	0	6	-100.0%
WHEAT NEARBY+2 CAL SPRD	1,685	646	160.8%	955	686	39.21%	6,735	4,026	67.3%	3,206	2,947	8.8%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	929,634	738,855	25.8%	122,446,251	115,941,017	5.6%	6,637,456	5,167,178	28.5%	959,264,981	773,005,885	24.1%
Equity Index Futures	99,374	153,247	-35.2%	54,134,278	54,719,734	-1.1%	295,996	482,444	-38.6%	333,290,899	252,895,944	31.8%
Metals Futures	0	0	0.0%	12,341,597	10,024,958	23.1%	0	0	0.0%	77,062,526	57,784,746	33.4%
Energy Futures	0	0	0.0%	46,180,099	47,779,994	-3.3%	0	0	0.0%	279,292,803	252,796,727	10.5%
FX Futures	92	1,467	-93.7%	22,590,900	20,095,497	12.4%	595	13,814	-95.7%	121,756,354	100,327,529	21.4%
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%	307	3,374	-90.9%	0	0	0.0%	8,795	4,482	96.2%
Ag Products Futures	104,988	97,544	7.6%	32,674,186	30,330,692	7.7%	455,171	484,585	-6.1%	166,198,989	137,748,035	20.7%
<b>TOTAL FUTURES</b>	<b>1,134,088</b>	<b>991,113</b>	<b>14.4%</b>	<b>290,367,618</b>	<b>278,895,266</b>	<b>4.1%</b>	<b>7,389,218</b>	<b>6,148,021</b>	<b>20.2%</b>	<b>1,936,875,347</b>	<b>1,574,563,348</b>	<b>23.0%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	807,150	1,108,833	-27.2%	11,374,274	12,854,782	-11.5%	6,540,317	6,451,275	1.4%	101,303,259	79,410,823	27.6%
Interest Rate Options	17,977,202	17,496,672	2.7%	24,956,007	21,711,049	14.9%	140,619,315	133,777,316	5.1%	163,762,614	129,260,784	26.7%
Metals Options	0	0	0.0%	980,773	734,008	33.6%	0	0	0.0%	5,707,804	4,359,675	30.9%
Energy Options	0	0	0.0%	3,724,406	4,776,424	-22.0%	0	0	0.0%	26,703,750	26,664,578	0.1%
FX Options	2,799	9,331	-70.0%	1,490,718	1,749,858	-14.8%	18,581	76,949	-75.9%	9,797,184	8,629,190	13.5%
Ag Products Options	1,814,527	1,744,564	4.0%	6,390,766	5,229,273	22.2%	8,598,449	8,206,773	4.8%	28,634,788	22,307,252	28.4%
Foreign Exchange Options	0	-	-	1,041	-	-	0	-	-	4,655	-	-
<b>TOTAL OPTIONS</b>	<b>20,601,678</b>	<b>20,359,400</b>	<b>1.2%</b>	<b>48,917,985</b>	<b>47,055,394</b>	<b>4.0%</b>	<b>155,776,662</b>	<b>148,512,313</b>	<b>4.9%</b>	<b>335,914,054</b>	<b>270,632,302</b>	<b>24.1%</b>

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>TOTAL COMBINED</b>												
Interest Rate	18,906,836	18,235,527	3.7%	147,402,258	137,652,066	7.1%	147,256,771	138,944,494	6.0%	1,123,027,595	902,266,669	24.5%
Equity Index	906,524	1,262,080	-28.2%	65,508,552	67,574,516	-3.1%	6,836,313	6,933,719	-1.4%	434,594,158	332,306,767	30.8%
Metals	0	0	0.0%	13,322,370	10,758,966	23.8%	0	0	0.0%	82,770,330	62,144,421	33.2%
Energy	0	0	0.0%	49,904,505	52,556,418	-5.0%	0	0	0.0%	305,996,553	279,461,305	9.5%
FX	2,891	10,798	-73.2%	24,081,618	21,845,355	10.2%	19,176	90,763	-78.9%	131,553,538	108,956,719	20.7%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Foreign Exchange	0	0	0.0%	1,348	3,374	-60.0%	0	0	0.0%	13,450	4,482	200.1%
Ag Products	1,919,515	1,842,108	4.2%	39,064,952	35,559,965	9.9%	9,053,620	8,691,358	4.2%	194,833,777	160,055,287	21.7%
<b>GRAND TOTAL</b>	<b>21,735,766</b>	<b>21,350,513</b>	<b>1.8%</b>	<b>339,285,603</b>	<b>325,950,660</b>	<b>4.1%</b>	<b>163,165,880</b>	<b>154,660,334</b>	<b>5.5%</b>	<b>2,272,789,401</b>	<b>1,845,195,650</b>	<b>23.2%</b>

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