

## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>Interest Rate Futures</b>												
10-YR NOTE	197,689	85,046	132.4%	63,212,037	40,049,735	57.83%	416,363	208,679	99.5%	99,701,483	70,334,098	41.8%
10-YR SWAP RATE	0	0	0.0%	26,836	23,798	12.77%	0	0	0.0%	61,842	48,880	26.5%
15-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
1-MONTH EURODOLLAR	0	0	0.0%	0	5	-100.00%	0	0	0.0%	22	65	-66.2%
20-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
2-YR NOTE	131	2,653	-95.1%	24,366,908	18,726,772	30.12%	181	2,686	-93.3%	33,865,170	27,556,549	22.9%
2-YR SWAP RATE	0	0	0.0%	11,023	32,566	-66.15%	0	0	0.0%	27,051	71,960	-62.4%
30-YR BOND	25,338	15,855	59.8%	12,561,171	8,239,912	52.44%	48,640	36,012	35.1%	19,654,731	14,494,332	35.6%
30-YR SWAP RATE	0	0	0.0%	164	631	-74.01%	0	0	0.0%	412	1,068	-61.4%
3-YR SWAP RATE	0	0	0.0%	4,457	8,187	-45.56%	0	0	0.0%	8,991	11,615	-22.6%
4-YR SWAP RATE	0	0	0.0%	908	1,194	-23.95%	0	0	0.0%	1,872	4,833	-61.3%
5-YR NOTE	33,360	26,524	25.8%	38,033,394	29,494,624	28.95%	72,734	49,505	46.9%	54,647,981	48,997,902	11.5%
5-YR SWAP RATE	0	0	0.0%	44,222	32,257	37.09%	0	0	0.0%	86,663	91,617	-5.4%
7-YR SWAP RATE	0	0	0.0%	2,624	4,283	-38.73%	0	0	0.0%	4,941	5,543	-10.9%
EURODOLLARS	751,324	687,108	9.3%	68,812,484	44,797,039	53.61%	1,248,187	1,443,694	-13.5%	111,689,207	104,417,909	7.0%
FED FUND	0	0	0.0%	10,376,342	3,794,521	173.46%	0	0	0.0%	16,204,244	10,368,076	56.3%
SOFR	0	0	0.0%	1,197,189	569,631	110.17%	0	0	0.0%	2,005,155	939,844	113.3%
SONIA	0	0	0.0%	193,874	163,395	18.65%	0	0	0.0%	404,940	292,830	38.3%
Ultra 10-Year Note	0	0	0.0%	7,858,919	4,655,082	68.82%	0	0	0.0%	11,802,584	7,678,169	53.7%
ULTRA T-BOND	0	0	0.0%	7,069,658	5,344,281	32.28%	0	32	-100.0%	10,023,960	7,796,207	28.6%
<b>Interest Rate Options</b>												
10-YR NOTE	3,665,825	1,853,636	97.8%	15,647,418	8,201,259	90.79%	7,026,914	4,101,178	71.3%	29,854,346	19,206,180	55.4%
2-YR NOTE	72,552	46,937	54.6%	354,011	209,317	69.13%	99,582	158,029	-37.0%	548,493	384,813	42.5%
30-YR BOND	326,162	301,045	8.3%	3,257,368	1,790,351	81.94%	721,131	571,961	26.1%	6,332,277	4,033,370	57.0%
5-YR NOTE	901,298	886,495	1.7%	3,099,835	2,565,298	20.84%	1,476,469	1,433,716	3.0%	5,881,272	5,901,618	-0.3%
EURODOLLARS	20,023,274	9,577,951	109.1%	17,085,665	5,674,564	201.09%	30,736,558	23,482,321	30.9%	25,514,970	11,290,560	126.0%
EURO MIDCURVE	4,869,336	7,745,698	-37.1%	5,046,003	4,487,064	12.46%	9,131,699	15,803,602	-42.2%	8,926,297	10,775,627	-17.2%
FED FUND	2,600	0	0.0%	3,902	200	1,851.00%	2,600	0	0.0%	5,963	200	2,881.5%
SOFR	0	-	-	18	-	-	10	-	-	30	-	-
Ultra 10-Year Note	11,340	50	22,580.0%	42	0	0.00%	13,035	50	25,970.0%	2,842	1	284,100.0%
ULTRA T-BOND	6,844	12,133	-43.6%	330	32	931.25%	10,348	32,918	-68.6%	621	3,360	-81.5%

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<b>Equity Index Futures</b>												
BITCOIN FUTURES	0	0	0.0%	192,905	100,199	92.52%	0	0	0.0%	418,877	191,347	118.9%
DJ US REAL ESTATE	0	0	0.0%	26,002	13,208	96.87%	0	0	0.0%	50,456	32,648	54.5%
E-mini (\$5) Dow	0	0	0.0%	6,325,918	3,650,329	73.30%	0	0	0.0%	11,339,241	8,549,170	32.6%
E-MINI COM SERVICES SELEC	0	0	0.0%	1,924	2,133	-9.80%	0	0	0.0%	2,838	5,482	-48.2%
E-mini FTSE 100 (USD)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	336	-100.0%
E-mini FTSE China 50	0	0	0.0%	0	53	-100.00%	0	0	0.0%	0	641	-100.0%
E-MINI MIDCAP	0	0	0.0%	357,822	278,508	28.48%	0	0	0.0%	677,276	576,349	17.5%
E-MINI NASDAQ 100	0	0	0.0%	15,405,169	7,695,031	100.20%	0	0	0.0%	27,458,545	18,487,119	48.5%
E-MINI RUSSELL 1000	0	0	0.0%	3,480	2,299	51.37%	0	0	0.0%	5,734	4,884	17.4%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	2,025	1,451	39.56%	0	0	0.0%	4,185	3,126	33.9%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	4,756	4,166	14.16%	0	0	0.0%	8,848	11,974	-26.1%
E-MINI RUSSELL 2000	0	0	0.0%	3,605,010	1,958,449	84.07%	0	0	0.0%	6,845,814	4,827,964	41.8%
E-MINI S&P500	0	0	0.0%	45,828,998	25,331,804	80.91%	0	0	0.0%	82,467,849	59,116,282	39.5%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	11,446	2,148	432.87%	0	0	0.0%	19,079	5,658	237.2%
FT-SE 100	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	372	-100.0%
FTSE Emerging	0	0	0.0%	1,029	2,911	-64.65%	0	0	0.0%	3,463	4,870	-28.9%
IBOVESPA INDEX	0	0	0.0%	823	1,266	-34.99%	0	0	0.0%	1,664	1,785	-6.8%
MICRO E-MINI NASDAQ 100	0	-	-	9,386,304	-	-	0	-	-	15,199,631	-	-
MICRO E-MINI RUSSELL 2000	0	-	-	1,317,027	-	-	0	-	-	2,140,664	-	-
MICRO E-MINI S&P500	0	-	-	10,840,494	-	-	0	-	-	17,506,305	-	-
MICRO MINI \$5 DOW	0	-	-	2,251,497	-	-	0	-	-	3,424,954	-	-
NASDAQ BIOTECH	0	0	0.0%	871	78	1,016.67%	0	0	0.0%	1,452	82	1,670.7%
Nearby BTIC+	0	-	-	200	-	-	0	-	-	200	-	-
NIFTY 50	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	342,660	162,867	110.39%	0	0	0.0%	547,376	374,661	46.1%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	1,404,874	595,285	136.00%	0	228	-100.0%	2,288,052	1,324,335	72.8%
S&P 500	5,708	8,390	-32.0%	2,663	1,006	164.71%	9,511	17,530	-45.7%	3,908	3,317	17.8%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	25,742	9,937	159.05%	0	0	0.0%	35,886	18,600	92.9%
S&P 500/GI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	530	40	1,225.00%	0	0	0.0%	720	60	1,100.0%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	7,126	5,436	31.09%	0	0	0.0%	12,702	19,204	-33.9%

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<b>Equity Index Futures</b>												
S&P CONSUMER STAPLES SE	0	0	0.0%	9,678	7,197	34.47%	0	0	0.0%	17,952	19,228	-6.6%
S&P ENERGY SECTOR	0	0	0.0%	16,261	5,829	178.97%	0	0	0.0%	28,019	24,475	14.5%
S&P FINANCIAL SECTOR	0	0	0.0%	18,739	6,674	180.78%	0	0	0.0%	30,846	27,086	13.9%
S&P HEALTH CARE SECTOR	0	0	0.0%	10,868	6,083	78.66%	0	0	0.0%	18,972	21,733	-12.7%
S&P INDUSTRIAL SECTOR	0	0	0.0%	10,474	4,956	111.34%	0	0	0.0%	15,454	20,218	-23.6%
S&P MATERIALS SECTOR	0	0	0.0%	5,617	3,712	51.32%	0	0	0.0%	10,707	11,630	-7.9%
S&P TECHNOLOGY SECTOR	0	0	0.0%	12,915	6,530	97.78%	0	0	0.0%	19,460	28,393	-31.5%
S&P UTILITIES SECTOR	0	0	0.0%	17,015	9,214	84.66%	0	0	0.0%	28,169	34,689	-18.8%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
YEN DENOMINATED TOPIX	0	0	0.0%	4,547	9,674	-53.00%	0	0	0.0%	18,927	10,828	74.8%

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<b>Equity Index Options</b>												
BITCOIN FUTURES	0	-	-	401	-		0	-	-	538	-	-
E-mini (\$5) Dow	0	0	0.0%	4,046	4,755	-14.91%	0	0	0.0%	6,567	12,078	-45.6%
E-MINI NASDAQ 100	0	0	0.0%	524,091	151,730	245.41%	0	0	0.0%	900,631	428,797	110.0%
E-MINI RUSSELL 2000	0	0	0.0%	32,267	17,037	89.39%	0	0	0.0%	42,725	21,225	101.3%
E-MINI S&P500	0	0	0.0%	9,918,487	4,335,292	128.78%	0	0	0.0%	15,653,760	8,555,233	83.0%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	8,957	3,598	148.94%	0	0	0.0%	16,542	6,168	168.2%
EOM EMINI S&P	0	0	0.0%	3,698,367	1,374,848	169.00%	0	0	0.0%	6,481,181	3,288,018	97.1%
EOM S&P 500	174,026	87,600	98.7%	0	0	0.00%	296,617	236,649	25.3%	0	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	8,023	1,429	461.44%	0	0	0.0%	13,210	2,243	488.9%
EOW1 EMINI S&P 500	0	0	0.0%	1,512,636	574,970	163.08%	0	0	0.0%	2,553,369	1,717,375	48.7%
EOW1 S&P 500	62,177	61,845	0.5%	0	0	0.00%	111,775	167,792	-33.4%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	6,371	1,381	361.33%	0	0	0.0%	10,714	2,699	297.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,336,632	851,165	57.04%	0	0	0.0%	2,420,217	1,855,494	30.4%
EOW2 S&P 500	65,525	124,311	-47.3%	0	0	0.00%	188,801	324,234	-41.8%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	22,639	5,933	281.58%	0	0	0.0%	48,540	12,156	299.3%
EOW3 EMINI S&P 500	0	0	0.0%	2,636,077	1,791,405	47.15%	0	0	0.0%	5,423,986	5,173,570	4.8%
EOW3 S&P 500	113,077	156,291	-27.6%	0	0	0.00%	239,593	378,337	-36.7%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	316	2,428	-86.99%	0	0	0.0%	5,929	3,492	69.8%
EOW4 EMINI S&P 500	0	0	0.0%	108,044	884,238	-87.78%	0	0	0.0%	1,067,667	1,932,519	-44.8%
S&P 500	276,855	184,497	50.1%	0	0	0.00%	525,121	478,221	9.8%	0	0	0.0%
	0	-	-	209	-		0	-	-	302	-	-

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<b>Metals Futures</b>												
ALUMINUM	0	0	0.0%	3,408	801	325.47%	0	0	0.0%	6,486	2,325	179.0%
COMEX COPPER	0	0	0.0%	2,802,705	2,400,878	16.74%	0	0	0.0%	4,860,013	4,397,651	10.5%
COMEX E-Mini GOLD	0	0	0.0%	31,016	5,083	510.19%	0	0	0.0%	62,859	11,325	455.0%
COMEX E-Mini SILVER	0	0	0.0%	3,256	2,775	17.33%	0	0	0.0%	6,709	3,608	85.9%
COMEX GOLD	0	0	0.0%	7,673,007	3,880,891	97.71%	0	0	0.0%	17,195,947	9,891,320	73.8%
COMEX MINY COPPER	0	0	0.0%	677	664	1.96%	0	0	0.0%	1,260	1,139	10.6%
COMEX SILVER	0	0	0.0%	2,450,566	1,735,352	41.21%	0	0	0.0%	4,423,201	3,217,726	37.5%
COPPER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	726	663	9.50%	0	0	0.0%	1,839	1,123	63.8%
GOLD	0	-	-	18,942	-		0	-	-	27,583	-	-
Gold Kilo	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
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%	0	12	-100.00%	0	0	0.0%	0	26	-100.0%
LNDN ZINC	0	0	0.0%	0	280	-100.00%	0	0	0.0%	0	847	-100.0%
MICRO GOLD	0	0	0.0%	864,474	165,381	422.72%	0	0	0.0%	1,726,827	374,185	361.5%
NYMEX HOT ROLLED STEEL	0	0	0.0%	3,781	4,523	-16.41%	0	0	0.0%	8,542	7,745	10.3%
NYMEX PLATINUM	0	0	0.0%	455,846	368,856	23.58%	0	0	0.0%	907,408	713,764	27.1%
PALLADIUM	0	0	0.0%	122,193	144,304	-15.32%	0	0	0.0%	264,477	247,019	7.1%
SILVER	0	0	0.0%	40,714	17,517	132.43%	0	0	0.0%	76,775	32,871	133.6%
URANIUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	9	32	-71.9%

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<b>Metals Options</b>												
ALUMINUM	0	-	-	0	-		0	-	-	0	-	-
COMEX COPPER	0	0	0.0%	65,985	44,026	49.88%	0	0	0.0%	134,793	79,323	69.9%
COMEX GOLD	0	0	0.0%	1,315,357	577,154	127.90%	0	0	0.0%	2,521,580	1,318,218	91.3%
COMEX SILVER	0	0	0.0%	236,942	89,828	163.77%	0	0	0.0%	423,874	211,705	100.2%
COPPER	0	0	0.0%	1,132	36	3,044.44%	0	0	0.0%	2,406	66	3,545.5%
GOLD	0	0	0.0%	222,151	56,970	289.94%	0	0	0.0%	405,225	104,665	287.2%
HOT ROLLED COIL STEEL CAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOT ROLLED COIL STEEL PUT	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%	628	1,883	-66.65%	0	0	0.0%	2,234	2,649	-15.7%
PALLADIUM	0	0	0.0%	497	386	28.76%	0	0	0.0%	1,123	1,146	-2.0%
SILVER	0	0	0.0%	18,309	2,305	694.32%	0	0	0.0%	32,109	4,935	550.6%
<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	0.00%	-	0	0.0%	-	0	0.0%
AEP-DAYTON HUB OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ALGONQUIN CITYGATES BASI	-	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	0	0.0%
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	0.00%	-	0	0.0%	-	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%	2,833,847	1,486,603	90.63%	0	0	0.0%	5,797,644	3,084,601	88.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>Energy Futures</b>												
CANADIAN LIGHT SWEET OIL	-	0	0.0%	-	0	0.00%	-	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%	60	0	0.00%	0	0	0.0%	143	421	-66.0%
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%
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	0.00%	-	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%
CONWAY NATURAL GASOLINE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY NORMAL BUTANE (O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY PROPANE 5 DECIMA	0	0	0.0%	0	0	0.00%	0	0	0.0%	5	0	0.0%
CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	50	-100.00%	0	0	0.0%	0	50	-100.0%
CRUDE OIL PHY	0	0	0.0%	27,608,276	22,281,687	23.91%	0	0	0.0%	53,204,622	47,762,742	11.4%
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 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	0.00%	-	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	0.00%	-	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%	19,155	12,147	57.69%	0	0	0.0%	56,667	15,816	258.3%
EASTERN RAIL DELIVERY CSX	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>Energy Futures</b>												
ELEC ERCOT DLY PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ELEC ERCOT OFF PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	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 OFF PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ERCOT HOUSTON Z MCPE 5M	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ERCOT NORTH ZMCPE 5MW O	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ERCOT NORTH ZMCPE 5MW O	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ERCOT NORTH ZMCPE 5MW P	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ETHANOL	0	0	0.0%	2,261	10,196	-77.82%	0	0	0.0%	4,949	20,825	-76.2%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	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	0.00%	-	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%	48	80	-40.00%	0	0	0.0%	190	208	-8.7%
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%
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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>Energy Futures</b>												
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 0.1CIF MED VS ICE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 CIF NWE VS ISE	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 10PPM VS ICE 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%
GERMAN POWER BASELOAD	0	0	0.0%	504	150	236.00%	0	0	0.0%	7,973	993	702.9%
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%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GRP THREE UNL GS (PLT) VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST 3% FUEL OIL BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST JET FUEL 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	-	-
HEATING OIL PHY	0	0	0.0%	3,952,832	2,806,240	40.86%	0	0	0.0%	9,318,365	5,994,272	55.5%
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	0.00%	-	0	0.0%	-	0	0.0%
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%	670	0	0.00%	0	0	0.0%	670	122	449.2%
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%
ICE BRENT DUBAI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
IN DELIVERY MONTH EUA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
INDIANA MISO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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<b>Energy Futures</b>												
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	0.00%	-	0	0.0%	-	0	0.0%
ISO NEW ENGLAND PK LMP	-	0	0.0%	-	0	0.00%	-	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 CRG CIF NEW VS I	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) 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 (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%	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	0	0.0%
LOS ANGELES CARB GASOLIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LTD NAT GAS	0	0	0.0%	160,127	204,115	-21.55%	0	0	0.0%	339,374	375,047	-9.5%
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	480	-100.0%
MARS BLEND CRUDE OIL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	946	198	377.78%	0	0	0.0%	1,994	198	907.1%
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%	6	3	100.00%	0	0	0.0%	12	6	100.0%
MINY NATURAL GAS	0	0	0.0%	38,915	22,339	74.20%	0	0	0.0%	89,104	65,088	36.9%
MINY RBOB GAS	0	0	0.0%	6	6	0.00%	0	0	0.0%	12	12	0.0%
MINY WTI CRUDE OIL	0	0	0.0%	614,734	380,566	61.53%	0	0	0.0%	1,096,818	888,610	23.4%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>Energy Futures</b>												
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%	9	14	-35.71%	0	0	0.0%	35	31	12.9%
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%	47,391	52,811	-10.26%	0	0	0.0%	92,252	89,265	3.3%
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%	11,742,292	7,025,723	67.13%	0	0	0.0%	22,931,891	15,937,859	43.9%
NEPOOL CNCTCT 5MW D AH O	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NEPOOL CONECTIC 5MW D AH	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
NEPOOL RHODE IL 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	0.00%	-	0	0.0%	-	0	0.0%
NEPOOL W CNTR M 5MW D AH	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>Energy Futures</b>												
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 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%	3	0	0.00%	0	0	0.0%	3	0	0.0%
NY HARBOR LOW SULPUR GA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL	0	0	0.0%	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%
NYISO CAPACITY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO J	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO J OFF-PEAK	-	0	0.0%	-	0	0.00%	-	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 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	0.00%	-	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>Energy Futures</b>												
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 ATSI ELEC	-	0	0.0%	-	0	0.00%	-	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 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	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 WESTH DA OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTHDA PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTH RT OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PLASTICS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PREMIUM UNLD 10P FOB MED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PREMIUM UNLEAD 10PPM FOB	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PREM UNL GAS 10PPM RDAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PREM UNL GAS 10PPM RDAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MB (OPIS)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MT. BEL (	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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	-	-
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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>Energy Futures</b>												
RBOB PHY	0	0	0.0%	4,625,458	3,434,677	34.67%	0	0	0.0%	8,976,065	7,167,975	25.2%
RBOB SPREAD (PLATTS) SWA	-	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%
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%	0	0	0.00%	0	0	0.0%	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	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
SING FUEL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SOUTH STAR TEX OKLHM KNS	-	0	0.0%	-	0	0.00%	-	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%
TC2 ROTTERDAM TO USAC 37	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TC5 RAS TANURA TO YOKOHA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TCO BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	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	0.00%	-	0	0.0%	-	0	0.0%
Tetco STX Basis	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
Transco Zone 3 Basis	-	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>Energy Futures</b>												
TRANSCO ZONE 6 BASIS SWA	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%
UK NBP NAT GAS CAL MTH FU	0	0	0.0%	370	705	-47.52%	0	0	0.0%	1,070	1,880	-43.1%
ULSD 10PPM CIF MED VS ICE	-	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%
WESTERN RAIL DELIVERY PR	-	0	0.0%	-	0	0.00%	-	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%
WTI MIDLAND CRUDE OIL	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%
<b>Energy Options</b>												
BRENT 1 MONTH CAL	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
BRENT CRUDE OIL 1 M CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CRUDE OIL 6 M CSO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	35,112	50,102	-29.92%	0	0	0.0%	78,858	109,958	-28.3%
COAL API2 INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COAL API4 INDEX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
COAL SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CRUDE OIL	0	-	-	0	-	-	0	-	-	0	-	-
CRUDE OIL 1MO	0	0	0.0%	5,500	1,700	223.53%	0	0	0.0%	18,400	4,800	283.3%
CRUDE OIL APO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	3	-100.0%
CRUDE OIL CALNDR STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	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%	2,828,087	1,757,197	60.94%	0	0	0.0%	5,938,793	3,854,648	54.1%
ETHANOL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>Energy Options</b>												
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	0	-	-	0	-		0	-	-	0	-	-
HEATING OIL PHY	0	0	0.0%	7,362	4,707	56.41%	0	0	0.0%	14,841	7,838	89.3%
HENRY HUB FINANCIAL LAST	0	0	0.0%	20	0	0.00%	0	0	0.0%	20	0	0.0%
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 1 M CSO FIN	0	0	0.0%	1	1,370	-99.93%	0	0	0.0%	2,301	2,870	-19.8%
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	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%	1,404,054	770,093	82.32%	0	0	0.0%	2,864,004	2,328,583	23.0%
NATURAL GAS WINTER STRIP	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%
NY HARBOR HEAT OIL SWP	0	0	0.0%	154	22	600.00%	0	0	0.0%	230	72	219.4%
NYISO ZONE G 5MW PEAK OP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PANHANDLE PIPE SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CRACK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	3,889	2,519	54.39%	0	0	0.0%	7,758	5,361	44.7%
ROTTERDAM 3.5%FUEL OIL CL	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	0	0	0.0%	0	25	-100.00%	0	0	0.0%	0	25	-100.0%
SINGAPORE GASOIL CALEND	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>Energy Options</b>												
SINGAPORE JET FUEL CALEN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	2,250	6,750	-66.67%	0	0	0.0%	5,000	15,530	-67.8%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	3,000	-100.00%	0	0	0.0%	0	3,000	-100.0%
<b>FX Futures</b>												
AD/CD CROSS RATES	0	0	0.0%	11	18	-38.89%	0	0	0.0%	20	35	-42.9%
AD/JY CROSS RATES	0	0	0.0%	2,280	2,282	-0.09%	0	0	0.0%	4,421	4,863	-9.1%
AD/NE CROSS RATES	0	0	0.0%	165	4	4,025.00%	0	0	0.0%	567	7	8,000.0%
AUSTRALIAN DOLLAR	0	0	0.0%	2,328,010	2,000,849	16.35%	0	0	0.0%	4,419,207	4,195,070	5.3%
BP/JY CROSS RATES	0	0	0.0%	2,368	934	153.53%	0	0	0.0%	5,001	3,240	54.4%
BP/SF CROSS RATES	0	0	0.0%	438	136	222.06%	0	0	0.0%	731	752	-2.8%
BRAZIL REAL	0	0	0.0%	183,201	77,105	137.60%	0	0	0.0%	358,127	175,228	104.4%
BRITISH POUND	0	0	0.0%	2,260,960	2,148,576	5.23%	0	0	0.0%	4,230,494	4,520,009	-6.4%
CANADIAN DOLLAR	0	0	0.0%	1,766,380	1,248,451	41.49%	0	3	-100.0%	3,276,941	2,765,893	18.5%
CD/JY CROSS RATES	0	0	0.0%	44	0	0.00%	0	0	0.0%	77	2	3,750.0%
CHINESE RENMINBI (CNH)	0	0	0.0%	19,132	33,117	-42.23%	0	0	0.0%	36,492	57,859	-36.9%
CZECK KORUNA (EC)	0	0	0.0%	5	2	150.00%	0	0	0.0%	5	6	-16.7%
CZECK KORUNA (US)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EC/AD CROSS RATES	0	0	0.0%	7,419	893	730.80%	0	0	0.0%	13,726	3,736	267.4%
EC/CD CROSS RATES	0	0	0.0%	1,901	531	258.00%	0	0	0.0%	3,289	1,569	109.6%
EC/NOK CROSS RATES	0	0	0.0%	155	112	38.39%	0	0	0.0%	258	311	-17.0%
EC/SEK CROSS RATES	0	0	0.0%	438	284	54.23%	0	0	0.0%	880	550	60.0%
EFX/BP CROSS RATES	0	0	0.0%	63,189	59,057	7.00%	0	0	0.0%	114,442	137,058	-16.5%
EFX/JY CROSS RATES	0	0	0.0%	71,707	27,589	159.91%	0	0	0.0%	113,316	70,283	61.2%
EFX/SF CROSS RATES	0	0	0.0%	26,099	14,965	74.40%	0	0	0.0%	50,409	37,747	33.5%
E-MINI EURO FX	0	0	0.0%	91,590	71,453	28.18%	0	0	0.0%	143,741	155,454	-7.5%
E-MINI JAPANESE YEN	0	0	0.0%	23,897	8,436	183.27%	0	0	0.0%	35,085	25,947	35.2%
EURO FX	28	5	460.0%	4,446,119	3,303,761	34.58%	28	8	250.0%	8,033,324	7,431,014	8.1%
HUNGARIAN FORINT (EC)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	1	0	0.00%	0	0	0.0%	10	4	150.0%
INDIAN RUPEE	0	0	0.0%	33,503	89,347	-62.50%	0	0	0.0%	66,619	171,489	-61.2%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>FX Futures</b>												
JAPANESE YEN	0	0	0.0%	3,614,606	2,001,793	80.57%	0	0	0.0%	6,503,918	4,666,496	39.4%
KOREAN WON	0	0	0.0%	632	232	172.41%	0	0	0.0%	998	373	167.6%
MEXICAN PESO	0	0	0.0%	1,313,316	1,019,961	28.76%	0	0	0.0%	2,349,964	2,243,452	4.7%
MICRO AUD/USD	0	0	0.0%	95,002	122,629	-22.53%	0	0	0.0%	186,700	255,925	-27.0%
MICRO CAD/USD	0	0	0.0%	17,973	14,717	22.12%	0	0	0.0%	34,205	29,498	16.0%
MICRO CHF/USD	0	0	0.0%	3,806	1,825	108.55%	0	0	0.0%	9,373	3,296	184.4%
MICRO EUR/USD	0	0	0.0%	197,982	203,822	-2.87%	0	0	0.0%	361,776	509,749	-29.0%
MICRO GBP/USD	0	0	0.0%	48,031	33,057	45.30%	0	0	0.0%	91,856	80,945	13.5%
MICRO INR/USD	0	0	0.0%	3,752	5,832	-35.67%	0	0	0.0%	7,437	11,334	-34.4%
MICRO JPY/USD	0	0	0.0%	25,425	24,349	4.42%	0	0	0.0%	44,227	63,588	-30.4%
NEW ZEALND DOLLAR	0	0	0.0%	631,972	504,079	25.37%	0	0	0.0%	1,157,188	1,135,678	1.9%
NKR/USD CROSS RATE	0	0	0.0%	7,302	1,442	406.38%	0	0	0.0%	13,888	3,678	277.6%
POLISH ZLOTY (EC)	0	0	0.0%	0	32	-100.00%	0	0	0.0%	0	63	-100.0%
POLISH ZLOTY (US)	0	0	0.0%	466	131	255.73%	0	0	0.0%	843	209	303.3%
RMB USD	0	0	0.0%	2	0	0.00%	0	0	0.0%	2	1	100.0%
RUSSIAN RUBLE	0	0	0.0%	106,051	34,568	206.79%	0	0	0.0%	176,928	78,887	124.3%
S.AFRICAN RAND	0	0	0.0%	56,336	32,030	75.89%	0	0	0.0%	119,577	65,959	81.3%
SF/JY CROSS RATES	0	0	0.0%	95	2	4,650.00%	0	0	0.0%	130	7	1,757.1%
SHEKEL	0	0	0.0%	61	0	0.00%	0	0	0.0%	85	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	2,841	1,700	67.12%	0	0	0.0%	6,452	3,521	83.2%
SWISS FRANC	0	0	0.0%	644,010	338,982	89.98%	0	0	0.0%	1,216,575	802,822	51.5%
TURKISH LIRA	0	0	0.0%	2	0	0.00%	0	0	0.0%	2	0	0.0%
USDZAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	20	-100.0%
<b>FX Options</b>												
AUD/USD MONDAY OPTION W	0	-	-	509	-		0	-	-	509	-	-
AUD/USD MONTHLY OPTIONS	0	0	0.0%	108,028	63,376	70.46%	0	0	0.0%	190,415	137,275	38.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	3,201	-100.00%	0	0	0.0%	0	7,855	-100.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	9,315	0	0.00%	0	0	0.0%	15,694	5,997	161.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	7,179	4,709	52.45%	0	0	0.0%	11,796	12,517	-5.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	7,953	5,464	45.55%	0	0	0.0%	13,428	12,647	6.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,712	-100.00%	0	0	0.0%	4,805	1,712	180.7%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>FX Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	2,134	1,498	42.46%	0	0	0.0%	3,590	2,407	49.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,773	1,259	40.83%	0	0	0.0%	3,509	4,029	-12.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,774	457	288.18%	0	0	0.0%	4,074	942	332.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	4,926	1,184	316.05%	0	0	0.0%	6,180	2,051	201.3%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,596	671	286.9%
BRITISH POUND (EU)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BRL/USD MONTHLY OPTIONS	0	-	-	31	-		0	-	-	81	-	-
CAD/USD MONDAY OPTIONS	0	-	-	1	-		0	-	-	1	-	-
CAD/USD MONDAY OPTIONS	0	-	-	94	-		0	-	-	94	-	-
CAD/USD MONTHLY OPTIONS	0	184	-100.0%	66,872	51,550	29.72%	300	214	40.2%	108,270	110,112	-1.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	10,501	-100.00%	0	0	0.0%	0	17,742	-100.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	9,697	0	0.00%	0	0	0.0%	20,362	11,273	80.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	8,042	7,105	13.19%	0	0	0.0%	17,452	19,646	-11.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	10,963	10,665	2.79%	0	0	0.0%	19,088	16,824	13.5%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	213	-100.00%	0	0	0.0%	10,608	213	4,880.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,684	1,214	121.09%	0	0	0.0%	4,361	3,760	16.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,369	3,989	-65.68%	0	0	0.0%	2,612	6,073	-57.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,495	1,914	30.36%	0	0	0.0%	5,611	4,051	38.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	3,106	2,514	23.55%	0	0	0.0%	5,158	3,079	67.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,503	1,760	-14.6%
CANADIAN DOLLAR (EU)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	5,263	1,663	216.48%	0	0	0.0%	12,299	3,361	265.9%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	102	-100.00%	0	0	0.0%	0	108	-100.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	201	0	0.00%	0	0	0.0%	457	44	938.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	318	28	1,035.71%	0	0	0.0%	334	169	97.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	125	26	380.77%	0	0	0.0%	247	131	88.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	841	0	0.0%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	25	-100.00%	0	0	0.0%	0	55	-100.0%
EUR/JPY MONTHLY OPTIONS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EURO FX (EU)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EUR/USD MONDAY OPTION W	0	-	-	1,083	-		0	-	-	1,083	-	-
EUR/USD MONDAY OPTION W	0	-	-	50	-		0	-	-	50	-	-
EUR/USD MONDAY OPTION W	0	-	-	337	-		0	-	-	337	-	-
EUR/USD MONDAY OPTION W	0	-	-	49	-		0	-	-	49	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>FX Options</b>												
EUR/USD MONTHLY OPTIONS	614	816	-24.8%	455,039	321,098	41.71%	915	2,238	-59.1%	729,265	670,044	8.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	23,352	-100.00%	0	0	0.0%	0	51,514	-100.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	39,824	0	0.00%	0	0	0.0%	62,253	26,568	134.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	32,320	31,675	2.04%	0	0	0.0%	62,172	62,599	-0.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	48,047	30,222	58.98%	0	0	0.0%	75,161	94,708	-20.6%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,185	-100.00%	0	0	0.0%	22,430	1,185	1,792.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	15,056	8,757	71.93%	0	0	0.0%	21,831	14,607	49.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	15,176	6,891	120.23%	0	0	0.0%	22,013	17,917	22.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	14,836	10,524	40.97%	0	0	0.0%	20,952	25,255	-17.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	12,319	8,106	51.97%	0	0	0.0%	20,760	19,435	6.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	9,542	11,688	-18.4%
GBP/USD MONDAY OPTION W	0	-	-	619	-	-	0	-	-	619	-	-
GBP/USD MONTHLY OPTIONS	22	8	175.0%	115,008	120,755	-4.76%	52	133	-60.9%	196,120	291,475	-32.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	9,713	-100.00%	0	0	0.0%	0	19,577	-100.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	8,794	0	0.00%	0	0	0.0%	11,462	4,400	160.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,886	6,461	-39.85%	0	0	0.0%	8,939	19,060	-53.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,851	9,356	-69.53%	0	0	0.0%	11,832	17,682	-33.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,242	-100.00%	0	0	0.0%	6,129	1,242	393.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,770	1,281	116.24%	0	0	0.0%	6,039	3,738	61.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	608	2,256	-73.05%	0	0	0.0%	1,986	5,132	-61.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	3,230	3,910	-17.39%	0	0	0.0%	5,763	7,082	-18.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	348	5,146	-93.24%	0	0	0.0%	4,173	8,746	-52.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	4,403	5,260	-16.3%
JAPANESE YEN (EU)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JPY/USD MONDAY OPTION WE	0	-	-	2,024	-	-	0	-	-	2,024	-	-
JPY/USD MONDAY OPTION WE	0	-	-	561	-	-	0	-	-	561	-	-
JPY/USD MONDAY OPTION WE	0	-	-	96	-	-	0	-	-	96	-	-
JPY/USD MONTHLY OPTIONS	616	10	6,060.0%	228,713	108,809	110.20%	627	20	3,035.0%	363,493	220,930	64.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	12,526	-100.00%	0	0	0.0%	0	28,240	-100.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	18,917	0	0.00%	0	0	0.0%	36,706	12,232	200.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	19,588	13,153	48.92%	0	0	0.0%	35,405	31,211	13.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	27,295	11,934	128.72%	0	0	0.0%	36,307	27,131	33.8%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	1,335	-100.00%	0	0	0.0%	15,582	1,335	1,067.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	16,790	2,620	540.84%	0	0	0.0%	22,485	4,002	461.8%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>FX Options</b>												
JPY/USD WKLY WED OPTIONS	0	0	0.0%	6,272	2,410	160.25%	0	0	0.0%	9,597	6,389	50.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	6,053	3,008	101.23%	0	0	0.0%	9,799	4,790	104.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	8,314	2,868	189.89%	0	0	0.0%	13,555	4,736	186.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	4,224	1,787	136.4%
MXN/USD MONTHLY OPTIONS	1,840	600	206.7%	4,764	1,179	304.07%	1,840	900	104.4%	5,309	2,288	132.0%
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-	-	0	-	-	0	-	-
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	585	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-	-	0	-	-	50	-	-
NZD/USD MONTHLY OPTIONS	0	0	0.0%	2,409	1,397	72.44%	0	0	0.0%	3,691	1,876	96.7%
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	0	-	-
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	206	-100.00%	0	0	0.0%	0	206	-100.0%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	0	-	-
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	0	-	-
<b>Ags Futures</b>												
FERTILIZER PRODUCS	0	0	0.0%	60	0	0.00%	0	0	0.0%	60	0	0.0%
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
<b>Foreign Exchange Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	2,085	851	145.01%	0	0	0.0%	2,597	1,372	89.3%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Ag Products Futures</b>												
BUTTER CS	0	0	0.0%	7,753	3,006	157.92%	0	0	0.0%	15,987	7,768	105.8%
CASH-SETTLED CHEESE	0	0	0.0%	11,667	11,797	-1.10%	0	0	0.0%	21,990	27,202	-19.2%
CATTLE	665	1,954	-66.0%	1,449,729	1,135,805	27.64%	2,297	2,454	-6.4%	3,054,242	2,792,817	9.4%
CAT WEATHER EUROPEAN	0	-	-	0	-		0	-	-	0	-	-
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	6,126	10,754	-43.0%	3,378,564	3,396,904	-0.54%	10,361	18,424	-43.8%	5,886,519	5,302,822	11.0%
CLASS IV MILK	46	38	21.1%	4,886	1,314	271.84%	61	65	-6.2%	7,199	5,347	34.6%
COCOA TAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COFFEE	0	-	-	0	-		0	-	-	0	-	-
CORN	6,121	24,594	-75.1%	8,067,422	9,911,762	-18.61%	13,583	37,467	-63.7%	14,131,280	15,637,657	-9.6%
COTTON	0	0	0.0%	2	0	0.00%	0	0	0.0%	7	3	133.3%
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%	27,619	16,587	66.51%	0	0	0.0%	41,379	39,415	5.0%
DRY WHEY	0	0	0.0%	2,178	1,593	36.72%	0	0	0.0%	3,503	3,383	3.5%
FEEDER CATTLE	0	0	0.0%	345,608	265,244	30.30%	20	0	0.0%	652,528	525,136	24.3%
FERTILIZER PRODUCS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	18,700	31,502	-40.64%	0	0	0.0%	37,466	62,932	-40.5%
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	-	-
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%	25	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOGS	1,029	1,053	-2.3%	975,018	981,726	-0.68%	1,736	2,339	-25.8%	2,322,880	2,090,831	11.1%
HOUSING INDEX	0	0	0.0%	38	2	1,800.00%	0	0	0.0%	54	5	980.0%
Intercommodity Spread	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
KC WHEAT	279	1,152	-75.8%	1,307,794	1,683,852	-22.33%	1,534	2,543	-39.7%	2,371,106	2,568,559	-7.7%
LUMBER	0	0	0.0%	20,019	14,574	37.36%	0	0	0.0%	31,424	28,918	8.7%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	56	8	600.0%	29,595	24,893	18.89%	59	78	-24.4%	58,638	52,461	11.8%
MINI CORN	0	0	0.0%	10,623	7,461	42.38%	0	0	0.0%	21,552	13,489	59.8%
MINI SOYBEAN	0	0	0.0%	20,785	21,436	-3.04%	0	0	0.0%	41,022	38,266	7.2%
MINI WHEAT	0	0	0.0%	6,340	4,503	40.80%	0	0	0.0%	12,690	7,888	60.9%
MLK MID OPTIONS	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

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<b>Ag Products Futures</b>												
NFD MILK	0	0	0.0%	14,911	5,468	172.70%	0	0	0.0%	22,994	14,368	60.0%
OATS	0	0	0.0%	17,409	16,379	6.29%	0	0	0.0%	26,824	26,404	1.6%
ROUGH RICE	0	18	-100.0%	35,642	26,559	34.20%	0	18	-100.0%	53,230	36,242	46.9%
SOYBEAN	2,555	4,923	-48.1%	5,270,830	4,367,640	20.68%	8,338	11,456	-27.2%	8,838,914	7,458,038	18.5%
SOYBEAN MEAL	599	104	476.0%	3,222,957	2,595,384	24.18%	981	1,272	-22.9%	5,410,984	4,372,926	23.7%
SOYBEAN OIL	2,153	142	1,416.2%	3,276,536	2,832,925	15.66%	3,101	753	311.8%	6,014,312	4,754,720	26.5%
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%	8	1,032	-99.22%	0	0	0.0%	175	1,032	-83.0%
<b>Ag Products Options</b>												
BUTTER CS	67	444	-84.9%	4,179	2,044	104.45%	197	2,530	-92.2%	7,551	6,948	8.7%
CASH-SETTLED CHEESE	4,501	4,209	6.9%	7,436	7,243	2.66%	7,352	7,273	1.1%	14,029	18,383	-23.7%
CATTLE	19,523	18,452	5.8%	267,328	144,052	85.58%	41,119	36,197	13.6%	465,568	289,716	60.7%
CAT WEATHER EUROPEAN	0	-	-	0	-	-	0	-	-	0	-	-
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHI WHEAT	93,240	118,663	-21.4%	540,969	713,976	-24.23%	166,535	219,559	-24.2%	1,075,746	1,179,235	-8.8%
CLASS IV MILK	574	661	-13.2%	7,321	3,121	134.57%	850	1,334	-36.3%	11,451	8,377	36.7%
CORN	176,654	353,986	-50.1%	997,762	1,523,041	-34.49%	430,562	612,270	-29.7%	2,418,670	2,672,652	-9.5%
CORN NEARBY+2 CAL SPRD	5,230	5,150	1.6%	870	0	0.00%	9,830	6,900	42.5%	870	0	0.0%
DEC-DEC CORN CAL SPRD	0	38	-100.0%	0	0	0.00%	0	558	-100.0%	0	0	0.0%
DEC-JULY CORN CAL SPRD	175	200	-12.5%	0	0	0.00%	175	1,900	-90.8%	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	47	17	176.5%	520	730	-28.77%	74	42	76.2%	593	1,442	-58.9%
FEEDER CATTLE	1,503	391	284.4%	32,801	17,300	89.60%	2,956	832	255.3%	60,343	42,769	41.1%
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%
HOGS	12,441	27,955	-55.5%	279,306	203,662	37.14%	27,641	60,652	-54.4%	651,747	423,053	54.1%
HOUSING INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Intercommodity Spread	138	317	-56.5%	0	0	0.00%	5,889	317	1,757.7%	3	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>Ag Products Options</b>												
JULY-DEC CORN CAL SPRD	1,840	3,505	-47.5%	990	0	0.00%	9,370	3,605	159.9%	1,340	0	0.0%
JULY-DEC SOYMEAL CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JULY-DEC WHEAT CAL SPRD	500	700	-28.6%	95	0	0.00%	1,300	1,300	0.0%	95	0	0.0%
JULY-JULY WHEAT CAL SPRD	0	-	-	0	-	-	50	-	-	0	-	-
JULY-NOV SOYBEAN CAL SPR	1,533	1,080	41.9%	75	88	-14.77%	2,723	2,811	-3.1%	200	188	6.4%
KC WHEAT	14,705	23,413	-37.2%	66,070	77,369	-14.60%	33,169	41,937	-20.9%	157,282	119,883	31.2%
LUMBER	0	0	0.0%	1,684	1,182	42.47%	0	10	-100.0%	2,691	3,340	-19.4%
LV CATL CSO	0	35	-100.0%	0	0	0.00%	0	379	-100.0%	0	0	0.0%
MAR-DEC CORN CAL SPRD	5	-	-	0	-	-	505	-	-	0	-	-
MAR-JULY CORN CAL SPRD	400	0	0.0%	0	0	0.00%	2,500	0	0.0%	0	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	30	-100.00%	0	0	0.0%	0	30	-100.0%
MILK	1,098	2,340	-53.1%	38,797	29,236	32.70%	3,057	4,959	-38.4%	75,114	72,980	2.9%
MLK MID OPTIONS	13	1	1,200.0%	0	12	-100.00%	18	4	350.0%	0	64	-100.0%
NFD MILK	302	136	122.1%	12,456	6,453	93.03%	395	394	0.3%	19,509	21,861	-10.8%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	50	-100.00%	0	0	0.0%	0	50	-100.0%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NOV-NOV SOYBEAN CAL SPR	0	14	-100.0%	0	0	0.00%	0	114	-100.0%	0	0	0.0%
OATS	275	535	-48.6%	150	185	-18.92%	700	1,500	-53.3%	585	632	-7.4%
ROUGH RICE	2,386	2,653	-10.1%	720	1,082	-33.46%	5,287	3,088	71.2%	1,631	1,955	-16.6%
SEP-DEC SOYBEAN MEAL CSC	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SOYBEAN	86,153	117,213	-26.5%	727,625	898,277	-19.00%	213,809	270,471	-20.9%	1,736,476	1,739,445	-0.2%
SOYBEAN CRUSH	200	0	0.0%	0	0	0.00%	810	0	0.0%	0	0	0.0%
SOYBEAN MEAL	34,281	26,856	27.6%	140,298	102,072	37.45%	62,861	68,989	-8.9%	289,920	220,912	31.2%
SOYBEAN OIL	42,439	21,247	99.7%	167,244	99,415	68.23%	87,118	37,343	133.3%	392,537	196,563	99.7%
SOYBN NEARBY+2 CAL SPRD	25	0	0.0%	0	0	0.00%	35	0	0.0%	0	0	0.0%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0.00%	0	450	-100.0%	0	0	0.0%
WHEAT	0	0	0.0%	208	128	62.50%	16	0	0.0%	1,953	335	483.0%
WHEAT-CORN ICSCO	20	0	0.0%	0	0	0.00%	60	600	-90.0%	0	0	0.0%
WHEAT NEARBY+2 CAL SPRD	651	840	-22.5%	25	200	-87.50%	1,251	1,070	16.9%	25	200	-87.5%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	1,007,842	817,186	23.3%	233,772,210	155,937,913	49.9%	1,786,105	1,740,608	2.6%	360,191,249	293,111,497	22.9%
Equity Index Futures	5,708	8,390	-32.0%	97,453,409	39,878,473	144.4%	9,511	17,758	-46.4%	170,654,225	93,758,546	82.0%
Metals Futures	0	0	0.0%	14,471,311	8,727,980	65.8%	0	0	0.0%	29,569,935	18,902,706	56.4%
Energy Futures	0	0	0.0%	51,647,910	37,718,310	36.9%	0	0	0.0%	101,919,858	81,406,501	25.2%
FX Futures	28	5	460.0%	18,098,675	13,429,085	34.8%	28	11	154.5%	33,189,306	29,713,627	11.7%
Ags Futures	0	0	0.0%	60	0	0.0%	0	0	0.0%	60	0	0.0%
Foreign Exchange Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Ag Products Futures	19,629	44,740	-56.1%	27,522,633	27,359,348	0.6%	42,071	76,869	-45.3%	49,078,924	45,868,629	7.0%
<b>TOTAL FUTURES</b>	<b>1,033,207</b>	<b>870,321</b>	<b>18.7%</b>	<b>442,966,208</b>	<b>283,051,109</b>	<b>56.5%</b>	<b>1,837,715</b>	<b>1,835,246</b>	<b>0.1%</b>	<b>744,603,557</b>	<b>562,761,506</b>	<b>32.3%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	691,660	614,544	12.5%	19,817,563	10,000,209	98.2%	1,361,907	1,585,233	-14.1%	34,645,878	23,011,067	50.6%
Interest Rate Options	29,879,231	20,423,945	46.3%	44,494,592	22,928,085	94.1%	49,218,346	45,583,775	8.0%	77,067,111	51,595,729	49.4%
Metals Options	0	0	0.0%	1,861,001	772,588	140.9%	0	0	0.0%	3,523,344	1,722,707	104.5%
Energy Options	0	0	0.0%	4,286,429	2,597,485	65.0%	0	0	0.0%	8,930,205	6,332,688	41.0%
FX Options	3,092	1,618	91.1%	1,368,898	937,744	46.0%	3,734	3,505	6.5%	2,330,807	2,112,571	10.3%
Ag Products Options	500,919	731,051	-31.5%	3,294,929	3,830,948	-14.0%	1,118,214	1,389,388	-19.5%	7,385,929	7,021,013	5.2%
Foreign Exchange Options	0	0	0.0%	2,085	851	145.0%	0	0	0.0%	2,597	1,372	89.3%
<b>TOTAL OPTIONS</b>	<b>31,074,902</b>	<b>21,771,158</b>	<b>42.7%</b>	<b>75,125,497</b>	<b>41,067,910</b>	<b>82.9%</b>	<b>51,702,201</b>	<b>48,561,901</b>	<b>6.5%</b>	<b>133,885,871</b>	<b>91,797,147</b>	<b>45.8%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	30,887,073	21,241,131	45.4%	278,266,802	178,865,998	55.6%	51,004,451	47,324,383	7.8%	437,258,360	344,707,226	26.8%
Equity Index	697,368	622,934	11.9%	117,270,972	49,878,682	135.1%	1,371,418	1,602,991	-14.4%	205,300,103	116,769,613	75.8%
Metals	0	0	0.0%	16,332,312	9,500,568	71.9%	0	0	0.0%	33,093,279	20,625,413	60.4%
Energy	0	0	0.0%	55,934,339	40,315,795	38.7%	0	0	0.0%	110,850,063	87,739,189	26.3%
FX	3,120	1,623	92.2%	19,467,573	14,366,829	35.5%	3,762	3,516	7.0%	35,520,113	31,826,198	11.6%
Ags	0	0	0.0%	60	0	0.0%	0	0	0.0%	60	0	0.0%
Foreign Exchange	0	0	0.0%	2,085	851	145.0%	0	0	0.0%	2,597	1,372	89.3%
Ag Products	520,548	775,791	-32.9%	30,817,562	31,190,296	-1.2%	1,160,285	1,466,257	-20.9%	56,464,853	52,889,642	6.8%
<b>GRAND TOTAL</b>	<b>32,108,109</b>	<b>22,641,479</b>	<b>41.8%</b>	<b>518,091,705</b>	<b>324,119,019</b>	<b>59.8%</b>	<b>53,539,916</b>	<b>50,397,147</b>	<b>6.2%</b>	<b>878,489,428</b>	<b>654,558,653</b>	<b>34.2%</b>

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