



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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	53,106	114,311	-53.5%	47,853,174	32,797,424	45.91%	469,469	322,990	45.4%	147,554,657	103,131,522	43.1%
10-YR SWAP RATE	0	0	0.0%	145,665	74,545	95.41%	0	0	0.0%	207,507	123,425	68.1%
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%	89	50	78.00%	0	0	0.0%	111	115	-3.5%
20-YR SWAP RATE	0	0	0.0%	0	46	-100.00%	0	0	0.0%	0	46	-100.0%
2-YR NOTE	80	4,838	-98.3%	17,204,016	9,109,030	88.87%	261	7,524	-96.5%	51,069,186	36,665,579	39.3%
2-YR SWAP RATE	0	0	0.0%	39,919	37,858	5.44%	0	0	0.0%	66,970	109,818	-39.0%
30-YR BOND	6,851	19,016	-64.0%	9,631,279	6,521,096	47.69%	55,491	55,028	0.8%	29,286,010	21,015,428	39.4%
30-YR SWAP RATE	0	0	0.0%	221	702	-68.52%	0	0	0.0%	633	1,770	-64.2%
3-YR SWAP RATE	0	0	0.0%	4,662	18,376	-74.63%	0	0	0.0%	13,653	29,991	-54.5%
4-YR SWAP RATE	0	0	0.0%	3,482	7,807	-55.40%	0	0	0.0%	5,354	12,640	-57.6%
5-YR NOTE	14,668	37,255	-60.6%	31,021,964	18,792,050	65.08%	87,402	86,760	0.7%	85,669,945	67,789,952	26.4%
5-YR SWAP RATE	0	0	0.0%	150,522	87,808	71.42%	0	0	0.0%	237,185	179,425	32.2%
7-YR SWAP RATE	0	0	0.0%	5,388	7,348	-26.67%	0	0	0.0%	10,329	12,891	-19.9%
EURODOLLARS	1,371,494	682,846	100.8%	105,383,306	67,703,928	55.65%	2,619,681	2,126,540	23.2%	217,072,513	172,121,837	26.1%
FED FUND	0	0	0.0%	14,060,405	6,239,594	125.34%	0	0	0.0%	30,264,649	16,607,670	82.2%
SOFR	0	0	0.0%	1,273,969	782,170	62.88%	0	0	0.0%	3,279,124	1,722,014	90.4%
SONIA	0	0	0.0%	3,136	168,036	-98.13%	0	0	0.0%	408,076	460,866	-11.5%
Ultra 10-Year Note	0	0	0.0%	7,521,299	4,083,501	84.19%	0	0	0.0%	19,323,883	11,761,670	64.3%
ULTRA T-BOND	0	34	-100.0%	4,388,429	2,816,676	55.80%	0	66	-100.0%	14,412,389	10,612,883	35.8%
<b>Interest Rate Options</b>												
10-YR NOTE	1,462,846	2,350,789	-37.8%	14,853,585	12,233,632	21.42%	8,489,760	6,451,967	31.6%	44,707,931	31,439,812	42.2%
2-YR NOTE	173,777	261,156	-33.5%	386,180	486,060	-20.55%	273,359	419,185	-34.8%	934,673	870,873	7.3%
30-YR BOND	169,911	364,892	-53.4%	2,972,870	3,000,550	-0.92%	891,042	936,853	-4.9%	9,305,147	7,033,920	32.3%
5-YR NOTE	948,147	923,763	2.6%	6,662,636	3,685,963	80.76%	2,424,616	2,357,479	2.8%	12,543,908	9,587,581	30.8%
EURODOLLARS	17,393,038	14,329,698	21.4%	27,035,777	7,759,714	248.41%	48,129,596	37,812,019	27.3%	52,550,747	19,050,274	175.9%
EURO MIDCURVE	3,678,372	7,320,311	-49.8%	5,990,892	5,924,411	1.12%	12,810,071	23,123,913	-44.6%	14,917,189	16,700,038	-10.7%
FED FUND	500	250	100.0%	1,203	2	60,050.00%	3,100	250	1,140.0%	7,166	202	3,447.5%
SOFR	0	-	-	235	-	-	10	-	-	265	-	-
Ultra 10-Year Note	0	4,187	-100.0%	119	5,327	-97.77%	13,035	4,237	207.6%	2,961	5,328	-44.4%
ULTRA T-BOND	522	4,305	-87.9%	376	2,990	-87.42%	10,870	37,223	-70.8%	997	6,350	-84.3%

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<b>Equity Index Futures</b>												
BITCOIN FUTURES	0	0	0.0%	164,917	75,167	119.40%	0	0	0.0%	583,794	266,514	119.0%
DJ US REAL ESTATE	0	0	0.0%	84,830	50,107	69.30%	0	0	0.0%	135,286	82,755	63.5%
E-mini (\$5) Dow	0	0	0.0%	8,402,269	4,916,930	70.88%	0	0	0.0%	19,741,510	13,466,100	46.6%
E-MINI COM SERVICES SELEC	0	0	0.0%	5,261	6,188	-14.98%	0	0	0.0%	8,099	11,670	-30.6%
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	52	-100.00%	0	0	0.0%	0	693	-100.0%
E-MINI MIDCAP	0	0	0.0%	728,254	504,307	44.41%	0	0	0.0%	1,405,530	1,080,656	30.1%
E-MINI NASDAQ 100	0	0	0.0%	17,327,196	10,745,074	61.26%	0	0	0.0%	44,785,741	29,232,193	53.2%
E-MINI RUSSELL 1000	0	0	0.0%	11,811	4,022	193.66%	0	0	0.0%	17,545	8,906	97.0%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	7,521	4,279	75.77%	0	0	0.0%	11,706	7,405	58.1%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	8,265	11,914	-30.63%	0	0	0.0%	17,113	23,888	-28.4%
E-MINI RUSSELL 2000	0	0	0.0%	6,962,822	4,009,970	73.64%	0	0	0.0%	13,808,636	8,837,934	56.2%
E-MINI S&P500	0	0	0.0%	78,292,256	38,473,212	103.50%	0	0	0.0%	160,760,105	97,589,494	64.7%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	14,202	3,778	275.91%	0	0	0.0%	33,281	9,436	252.7%
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%	828	1,926	-57.01%	0	0	0.0%	4,291	6,796	-36.9%
IBOVESPA INDEX	0	0	0.0%	451	508	-11.22%	0	0	0.0%	2,115	2,293	-7.8%
MICRO E-MINI NASDAQ 100	0	-	-	18,682,574	-	-	0	-	-	33,882,205	-	-
MICRO E-MINI RUSSELL 2000	0	-	-	2,723,180	-	-	0	-	-	4,863,844	-	-
MICRO E-MINI S&P500	0	-	-	25,105,613	-	-	0	-	-	42,611,918	-	-
MICRO MINI \$5 DOW	0	-	-	4,884,242	-	-	0	-	-	8,309,196	-	-
NASDAQ BIOTECH	0	0	0.0%	1,175	244	381.56%	0	0	0.0%	2,627	326	705.8%
Nearby BTIC+	0	-	-	0	-	-	0	-	-	200	-	-
NIFTY 50	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	438,195	290,565	50.81%	0	0	0.0%	985,571	665,226	48.2%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	2,355,068	842,475	179.54%	0	228	-100.0%	4,643,120	2,166,810	114.3%
S&P 500	24,201	61,518	-60.7%	8,131	1,387	486.23%	33,712	79,048	-57.4%	12,039	4,704	155.9%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	59,118	10,731	450.91%	0	0	0.0%	95,004	29,331	223.9%
S&P 500/GI	0	0	0.0%	0	20	-100.00%	0	0	0.0%	0	20	-100.0%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	1,431	281	409.25%	0	0	0.0%	2,151	341	530.8%
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%	18,268	7,870	132.12%	0	0	0.0%	30,970	27,074	14.4%

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<b>Equity Index Futures</b>												
S&P CONSUMER STAPLES SE	0	0	0.0%	17,637	18,164	-2.90%	0	0	0.0%	35,589	37,392	-4.8%
S&P ENERGY SECTOR	0	0	0.0%	38,490	21,876	75.95%	0	0	0.0%	66,509	46,351	43.5%
S&P FINANCIAL SECTOR	0	0	0.0%	39,538	16,600	138.18%	0	0	0.0%	70,384	43,686	61.1%
S&P HEALTH CARE SECTOR	0	0	0.0%	36,024	15,638	130.36%	0	0	0.0%	54,996	37,371	47.2%
S&P INDUSTRIAL SECTOR	0	0	0.0%	19,019	8,454	124.97%	0	0	0.0%	34,473	28,672	20.2%
S&P MATERIALS SECTOR	0	0	0.0%	7,647	9,264	-17.45%	0	0	0.0%	18,354	20,894	-12.2%
S&P TECHNOLOGY SECTOR	0	0	0.0%	26,240	12,036	118.01%	0	0	0.0%	45,700	40,429	13.0%
S&P UTILITIES SECTOR	0	0	0.0%	33,693	25,729	30.95%	0	0	0.0%	61,862	60,418	2.4%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	24	-100.00%	0	0	0.0%	0	24	-100.0%
YEN DENOMINATED TOPIX	0	0	0.0%	10,311	21,518	-52.08%	0	0	0.0%	29,238	32,346	-9.6%

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<b>Equity Index Options</b>												
BITCOIN FUTURES	0	-	-	201	-		0	-	-	739	-	-
E-mini (\$5) Dow	0	0	0.0%	5,768	5,190	11.14%	0	0	0.0%	12,335	17,268	-28.6%
E-MINI NASDAQ 100	0	0	0.0%	336,149	185,126	81.58%	0	0	0.0%	1,236,780	613,923	101.5%
E-MINI RUSSELL 2000	0	0	0.0%	21,536	10,849	98.51%	0	0	0.0%	64,261	32,074	100.4%
E-MINI S&P500	250	0	0.0%	15,085,764	4,922,171	206.49%	250	0	0.0%	30,739,524	13,477,404	128.1%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	7,774	14,170	-45.14%	0	0	0.0%	24,316	20,338	19.6%
EOM EMINI S&P	0	0	0.0%	2,268,253	1,988,523	14.07%	0	0	0.0%	8,749,434	5,276,541	65.8%
EOM S&P 500	6,743	142,364	-95.3%	0	0	0.00%	303,360	379,013	-20.0%	0	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	9,598	4,137	132.00%	0	0	0.0%	22,808	6,380	257.5%
EOW1 EMINI S&P 500	0	0	0.0%	1,584,169	597,072	165.32%	0	0	0.0%	4,137,538	2,314,447	78.8%
EOW1 S&P 500	46,013	22,840	101.5%	0	0	0.00%	157,788	190,632	-17.2%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	1,516	4,283	-64.60%	0	0	0.0%	12,230	6,982	75.2%
EOW2 EMINI S&P 500	0	0	0.0%	1,473,529	934,682	57.65%	0	0	0.0%	3,893,746	2,790,176	39.6%
EOW2 S&P 500	63,729	108,285	-41.1%	0	0	0.00%	252,530	432,519	-41.6%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	26,571	11,168	137.92%	0	0	0.0%	75,111	23,324	222.0%
EOW3 EMINI S&P 500	0	0	0.0%	3,927,053	1,983,287	98.01%	0	0	0.0%	9,351,039	7,156,857	30.7%
EOW3 S&P 500	26,678	54,355	-50.9%	0	0	0.00%	266,271	432,692	-38.5%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	1,775	5,153	-65.55%	0	0	0.0%	7,704	8,645	-10.9%
EOW4 EMINI S&P 500	0	0	0.0%	1,099,604	1,087,485	1.11%	0	0	0.0%	2,167,271	3,020,004	-28.2%
S&P 500	152,691	276,585	-44.8%	2,440	0	0.00%	677,812	754,806	-10.2%	2,440	0	0.0%
	0	-	-	169	-		0	-	-	471	-	-

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<b>Metals Futures</b>												
ALUMINUM	0	0	0.0%	3,417	544	528.13%	0	0	0.0%	9,903	2,869	245.2%
COMEX COPPER	0	0	0.0%	2,311,794	1,736,955	33.09%	0	0	0.0%	7,171,807	6,134,606	16.9%
COMEX E-Mini GOLD	0	0	0.0%	74,148	8,207	803.47%	0	0	0.0%	137,007	19,532	601.4%
COMEX E-Mini SILVER	0	0	0.0%	7,274	3,102	134.49%	0	0	0.0%	13,983	6,710	108.4%
COMEX GOLD	0	0	0.0%	9,880,233	6,511,882	51.73%	0	0	0.0%	27,076,180	16,403,202	65.1%
COMEX MINY COPPER	0	0	0.0%	525	534	-1.69%	0	0	0.0%	1,785	1,673	6.7%
COMEX SILVER	0	0	0.0%	2,174,197	1,371,573	58.52%	0	0	0.0%	6,597,398	4,589,299	43.8%
COPPER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	2,173	414	424.88%	0	0	0.0%	4,012	1,537	161.0%
GOLD	0	-	-	13,347	-	-	0	-	-	40,930	-	-
Gold Kilo	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL FUT	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%	193	2	9,550.00%	0	0	0.0%	193	28	589.3%
LNDN ZINC	0	0	0.0%	0	122	-100.00%	0	0	0.0%	0	969	-100.0%
MICRO GOLD	0	0	0.0%	1,763,552	244,516	621.24%	0	0	0.0%	3,490,379	618,701	464.1%
NYMEX HOT ROLLED STEEL	0	0	0.0%	9,835	2,237	339.65%	0	0	0.0%	18,377	9,982	84.1%
NYMEX PLATINUM	0	0	0.0%	692,722	613,179	12.97%	0	0	0.0%	1,600,130	1,326,943	20.6%
PALLADIUM	0	0	0.0%	69,759	109,662	-36.39%	0	0	0.0%	334,236	356,681	-6.3%
SILVER	0	0	0.0%	74,345	13,899	434.89%	0	0	0.0%	151,120	46,770	223.1%
URANIUM	0	0	0.0%	21	275	-92.36%	0	0	0.0%	30	307	-90.2%

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<b>Metals Options</b>												
ALUMINUM	0	-	-	0	-		0	-	-	0	-	-
COMEX COPPER	0	0	0.0%	36,163	39,371	-8.15%	0	0	0.0%	170,956	118,694	44.0%
COMEX GOLD	0	0	0.0%	1,449,864	905,170	60.18%	0	0	0.0%	3,971,444	2,223,388	78.6%
COMEX SILVER	0	0	0.0%	242,100	107,123	126.00%	0	0	0.0%	665,974	318,828	108.9%
COPPER	0	0	0.0%	124	51	143.14%	0	0	0.0%	2,530	117	2,062.4%
GOLD	0	0	0.0%	163,852	103,913	57.68%	0	0	0.0%	569,077	208,578	172.8%
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%	472	1,206	-60.86%	0	0	0.0%	2,706	3,855	-29.8%
PALLADIUM	0	0	0.0%	165	821	-79.90%	0	0	0.0%	1,288	1,967	-34.5%
SILVER	0	0	0.0%	14,448	4,631	211.98%	0	0	0.0%	46,557	9,566	386.7%
<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%	3,737,575	1,839,053	103.23%	0	0	0.0%	9,535,219	4,923,654	93.7%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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%	13	43	-69.77%	0	0	0.0%	156	464	-66.4%
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	0	0.00%	0	0	0.0%	0	50	-100.0%
CRUDE OIL PHY	0	0	0.0%	40,155,123	23,384,634	71.72%	0	0	0.0%	93,359,745	71,147,376	31.2%
CRUDE OIL SPRDS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL TRADE AT MARKE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DAILY PJM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	0	-	-	0	-		0	-	-	0	-	-
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	0	0.00%	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DUTCH TTF NATURAL GAS CA	0	0	0.0%	45,801	11,512	297.85%	0	0	0.0%	102,468	27,328	275.0%
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%	6	0	0.00%	0	0	0.0%	6	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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 OFF PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
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%	2,826	10,627	-73.41%	0	0	0.0%	7,775	31,452	-75.3%
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%	58	220	-73.64%	0	0	0.0%	248	428	-42.1%
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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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>												
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 0.1CIF 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%	299	4,944	-93.95%	0	0	0.0%	8,272	5,937	39.3%
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 CLNDF	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 A	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL CRCK SPRD BAL	0	-	-	0	-		0	-	-	0	-	-
HEATING OIL PHY	0	0	0.0%	4,789,532	3,148,851	52.10%	0	0	0.0%	14,107,897	9,143,123	54.3%
HENRY HUB BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HENRY HUB FINANCIAL LAST	-	0	0.0%	-	0	0.00%	-	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%	0	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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>												
INDIANA MISO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ISO NEW ENGLAND OFF-PEAK	-	0	0.0%	-	0	0.00%	-	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%	161,121	149,068	8.09%	0	0	0.0%	500,495	524,115	-4.5%
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%	1,455	616	136.20%	0	0	0.0%	3,449	814	323.7%
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%	5	4	25.00%	0	0	0.0%	17	10	70.0%
MINY NATURAL GAS	0	0	0.0%	68,741	20,240	239.63%	0	0	0.0%	157,845	85,328	85.0%
MINY RBOB GAS	0	0	0.0%	10	9	11.11%	0	0	0.0%	22	21	4.8%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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>												
MINY WTI CRUDE OIL	0	0	0.0%	1,393,401	367,006	279.67%	0	0	0.0%	2,490,219	1,255,616	98.3%
MJC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MNC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE 5 DEC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE OPIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	13	0	0.00%	0	0	0.0%	48	31	54.8%
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%	62,969	35,804	75.87%	0	0	0.0%	155,221	125,069	24.1%
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%	11,937,967	5,808,408	105.53%	0	0	0.0%	34,869,858	21,746,267	60.3%
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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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>												
NORTHERN NATURAL GAS VEN	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 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%	13	0	0.00%	0	0	0.0%	16	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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 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 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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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 GASOLINE BALMO CLND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	5,428,994	4,729,851	14.78%	0	0	0.0%	14,405,059	11,897,826	21.1%
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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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 ZONE4 BASIS SWAP	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%
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%	275	894	-69.24%	0	0	0.0%	1,345	2,774	-51.5%
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%	22,586	76,696	-70.55%	0	0	0.0%	101,444	186,654	-45.7%
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%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	13,801	7,454	85.15%	0	0	0.0%	32,201	12,254	162.8%
CRUDE OIL APO	0	0	0.0%	3	0	0.00%	0	0	0.0%	3	3	0.0%
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%	3,776,614	1,791,438	110.81%	0	0	0.0%	9,715,407	5,646,086	72.1%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
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%	4,219	4,073	3.58%	0	0	0.0%	19,060	11,911	60.0%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	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%	0	0	0.00%	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 OPT	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%	1,732,694	528,308	227.97%	0	0	0.0%	4,596,698	2,856,891	60.9%
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%	167	16	943.75%	0	0	0.0%	397	88	351.1%
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%	7	0	0.00%	0	0	0.0%	7	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%	3,390	2,566	32.11%	0	0	0.0%	11,148	7,927	40.6%
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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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>												
SHORT TERM NATURAL GAS	0	0	0.0%	0	25	-100.00%	0	0	0.0%	0	50	-100.0%
SINGAPORE GASOIL CALEND	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SINGAPORE JET FUEL CALEN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	2,800	3,700	-24.32%	0	0	0.0%	7,800	19,230	-59.4%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	1,100	-100.00%	0	0	0.0%	0	4,100	-100.0%
<b>FX Futures</b>												
AD/CD CROSS RATES	0	0	0.0%	13	17	-23.53%	0	0	0.0%	33	52	-36.5%
AD/JY CROSS RATES	0	0	0.0%	5,513	2,282	141.59%	0	0	0.0%	9,934	7,145	39.0%
AD/NE CROSS RATES	0	0	0.0%	876	125	600.80%	0	0	0.0%	1,443	132	993.2%
AUSTRALIAN DOLLAR	0	0	0.0%	3,284,692	2,268,426	44.80%	0	0	0.0%	7,703,899	6,463,496	19.2%
BP/JY CROSS RATES	0	0	0.0%	6,858	2,892	137.14%	0	0	0.0%	11,859	6,132	93.4%
BP/SF CROSS RATES	0	0	0.0%	1,203	401	200.00%	0	0	0.0%	1,934	1,153	67.7%
BRAZIL REAL	0	0	0.0%	249,115	124,695	99.78%	0	0	0.0%	607,242	299,923	102.5%
BRITISH POUND	0	0	0.0%	3,508,015	3,346,492	4.83%	0	0	0.0%	7,738,509	7,866,501	-1.6%
CANADIAN DOLLAR	0	0	0.0%	2,718,362	1,859,130	46.22%	0	3	-100.0%	5,995,303	4,625,023	29.6%
CD/JY CROSS RATES	0	0	0.0%	139	16	768.75%	0	0	0.0%	216	18	1,100.0%
CHINESE RENMINBI (CNH)	0	0	0.0%	29,261	20,530	42.53%	0	0	0.0%	65,753	78,389	-16.1%
CZECK KORUNA (EC)	0	0	0.0%	9	4	125.00%	0	0	0.0%	14	10	40.0%
CZECK KORUNA (US)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EC/AD CROSS RATES	0	0	0.0%	13,118	9,699	35.25%	0	0	0.0%	26,844	13,435	99.8%
EC/CD CROSS RATES	0	0	0.0%	13,469	7,152	88.32%	0	0	0.0%	16,758	8,721	92.2%
EC/NOK CROSS RATES	0	0	0.0%	158	979	-83.86%	0	0	0.0%	416	1,290	-67.8%
EC/SEK CROSS RATES	0	0	0.0%	1,729	1,258	37.44%	0	0	0.0%	2,609	1,808	44.3%
EFX/BP CROSS RATES	0	0	0.0%	168,821	156,788	7.67%	0	0	0.0%	283,263	293,846	-3.6%
EFX/JY CROSS RATES	0	0	0.0%	146,343	138,984	5.29%	0	0	0.0%	259,659	209,267	24.1%
EFX/SF CROSS RATES	0	0	0.0%	93,959	46,541	101.88%	0	0	0.0%	144,368	84,288	71.3%
E-MINI EURO FX	0	0	0.0%	307,874	124,814	146.67%	0	0	0.0%	451,615	280,268	61.1%
E-MINI JAPANESE YEN	0	0	0.0%	73,361	11,339	546.98%	0	0	0.0%	108,446	37,286	190.8%
EURO FX	8	3	166.7%	7,871,983	5,446,392	44.54%	36	11	227.3%	15,905,307	12,877,406	23.5%
HUNGARIAN FORINT (EC)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>FX Futures</b>												
HUNGARIAN FORINT (US)	0	0	0.0%	17	0	0.00%	0	0	0.0%	27	4	575.0%
INDIAN RUPEE	0	0	0.0%	31,398	72,076	-56.44%	0	0	0.0%	98,017	243,565	-59.8%
JAPANESE YEN	0	0	0.0%	4,861,617	2,891,845	68.11%	0	0	0.0%	11,365,535	7,558,341	50.4%
KOREAN WON	0	0	0.0%	898	318	182.39%	0	0	0.0%	1,896	691	174.4%
MEXICAN PESO	0	0	0.0%	2,221,150	1,812,278	22.56%	0	0	0.0%	4,571,114	4,055,730	12.7%
MICRO AUD/USD	0	0	0.0%	379,239	122,996	208.33%	0	0	0.0%	565,939	378,921	49.4%
MICRO CAD/USD	0	0	0.0%	36,565	17,822	105.17%	0	0	0.0%	70,770	47,320	49.6%
MICRO CHF/USD	0	0	0.0%	4,544	2,787	63.04%	0	0	0.0%	13,917	6,083	128.8%
MICRO EUR/USD	0	0	0.0%	750,385	254,721	194.59%	0	0	0.0%	1,112,161	764,470	45.5%
MICRO GBP/USD	0	0	0.0%	55,217	76,546	-27.86%	0	0	0.0%	147,073	157,491	-6.6%
MICRO INR/USD	0	0	0.0%	2,024	4,411	-54.11%	0	0	0.0%	9,461	15,745	-39.9%
MICRO JPY/USD	0	0	0.0%	69,908	25,058	178.98%	0	0	0.0%	114,135	88,646	28.8%
NEW ZEALND DOLLAR	0	0	0.0%	1,039,160	642,826	61.65%	0	0	0.0%	2,196,348	1,778,504	23.5%
NKR/USD CROSS RATE	0	0	0.0%	9,353	5,897	58.61%	0	0	0.0%	23,241	9,575	142.7%
POLISH ZLOTY (EC)	0	0	0.0%	147	160	-8.13%	0	0	0.0%	147	223	-34.1%
POLISH ZLOTY (US)	0	0	0.0%	1,425	114	1,150.00%	0	0	0.0%	2,268	323	602.2%
RMB USD	0	0	0.0%	1	0	0.00%	0	0	0.0%	3	1	200.0%
RUSSIAN RUBLE	0	0	0.0%	225,483	105,758	113.21%	0	0	0.0%	402,411	184,645	117.9%
S.AFRICAN RAND	0	0	0.0%	103,615	59,847	73.13%	0	0	0.0%	223,192	125,806	77.4%
SF/JY CROSS RATES	0	0	0.0%	19	0	0.00%	0	0	0.0%	149	7	2,028.6%
SHEKEL	0	0	0.0%	5	0	0.00%	0	0	0.0%	90	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	8,211	4,565	79.87%	0	0	0.0%	14,663	8,086	81.3%
SWISS FRANC	0	0	0.0%	1,183,013	683,053	73.19%	0	0	0.0%	2,399,588	1,485,875	61.5%
TURKISH LIRA	0	0	0.0%	11	8	37.50%	0	0	0.0%	13	8	62.5%
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	-	-	0	-	-	0	-	-	509	-	-
AUD/USD MONDAY OPTION W	0	-	-	69	-	-	0	-	-	69	-	-
AUD/USD MONDAY OPTION W	0	-	-	392	-	-	0	-	-	392	-	-
AUD/USD MONDAY OPTION W	0	-	-	103	-	-	0	-	-	103	-	-
AUD/USD MONTHLY OPTIONS	0	0	0.0%	128,537	70,117	83.32%	0	0	0.0%	318,952	207,392	53.8%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>FX Options</b>												
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	90	248	-63.71%	0	0	0.0%	90	8,103	-98.9%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	7,796	1,753	344.72%	0	0	0.0%	23,490	7,750	203.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,429	6,562	-47.74%	0	0	0.0%	15,225	19,079	-20.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,855	10,751	-73.44%	0	0	0.0%	16,283	23,398	-30.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	6,096	-100.00%	0	0	0.0%	4,805	7,808	-38.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,245	3,526	-64.69%	0	0	0.0%	4,835	5,933	-18.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,142	1,266	-9.79%	0	0	0.0%	4,651	5,295	-12.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	806	985	-18.17%	0	0	0.0%	4,880	1,927	153.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	140	1,195	-88.28%	0	0	0.0%	6,320	3,246	94.7%
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	-	-	8	-	-	0	-	-	89	-	-
CAD/USD MONDAY OPTIONS	0	-	-	401	-	-	0	-	-	401	-	-
CAD/USD MONDAY OPTIONS	0	-	-	100	-	-	0	-	-	101	-	-
CAD/USD MONDAY OPTIONS	0	-	-	38	-	-	0	-	-	132	-	-
CAD/USD MONDAY OPTIONS	0	-	-	234	-	-	0	-	-	234	-	-
CAD/USD MONDAY OPTIONS	0	-	-	102	-	-	0	-	-	102	-	-
CAD/USD MONTHLY OPTIONS	130	27	381.5%	66,931	68,572	-2.39%	430	241	78.4%	175,201	178,684	-1.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	121	588	-79.42%	0	0	0.0%	121	18,330	-99.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,706	2,099	171.84%	0	0	0.0%	26,068	13,372	94.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,434	9,167	-51.63%	0	0	0.0%	21,886	28,813	-24.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,424	9,773	-75.20%	0	0	0.0%	21,512	26,597	-19.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	9,784	-100.00%	0	0	0.0%	10,608	9,997	6.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,357	4,609	-48.86%	0	0	0.0%	6,718	8,369	-19.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	5,270	2,448	115.28%	0	0	0.0%	7,882	8,521	-7.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	678	2,925	-76.82%	0	0	0.0%	6,289	6,976	-9.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,138	3,311	-35.43%	0	0	0.0%	7,296	6,390	14.2%
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%	1,675	1,472	13.79%	0	0	0.0%	13,974	4,833	189.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	2	0	0.00%	0	0	0.0%	2	108	-98.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	168	934	-82.01%	0	0	0.0%	625	978	-36.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	272	287	-5.23%	0	0	0.0%	606	456	32.9%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	232	170	36.47%	0	0	0.0%	479	301	59.1%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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>												
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	601	-100.00%	0	0	0.0%	841	601	39.9%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	19	-100.00%	0	0	0.0%	0	74	-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	-	-	11	-	-	0	-	-	1,094	-	-
EUR/USD MONDAY OPTION W	0	-	-	1,038	-	-	0	-	-	1,088	-	-
EUR/USD MONDAY OPTION W	0	-	-	1,445	-	-	0	-	-	1,782	-	-
EUR/USD MONDAY OPTION W	0	-	-	1,068	-	-	0	-	-	1,117	-	-
EUR/USD MONDAY OPTION W	0	-	-	1,609	-	-	0	-	-	1,609	-	-
EUR/USD MONTHLY OPTIONS	635	1,635	-61.2%	513,280	402,270	27.60%	1,550	3,873	-60.0%	1,242,545	1,072,314	15.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	484	2,116	-77.13%	0	0	0.0%	484	53,630	-99.1%
EUR/USD WKLY FRIDAY OPTIC	62	0	0.0%	32,980	13,292	148.12%	62	0	0.0%	95,233	39,860	138.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	22,367	30,650	-27.02%	0	0	0.0%	84,539	93,249	-9.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	13,622	35,562	-61.70%	0	0	0.0%	88,783	130,270	-31.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	31,037	-100.00%	0	0	0.0%	22,430	32,222	-30.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	14,126	13,688	3.20%	0	0	0.0%	35,957	28,295	27.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	12,580	16,876	-25.46%	0	0	0.0%	34,593	34,793	-0.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	9,893	7,091	39.51%	0	0	0.0%	30,845	32,346	-4.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	10,146	13,700	-25.94%	0	0	0.0%	30,906	33,135	-6.7%
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	-	-	0	-	-	0	-	-	619	-	-
GBP/USD MONDAY OPTION W	0	-	-	2	-	-	0	-	-	2	-	-
GBP/USD MONDAY OPTION W	0	-	-	289	-	-	0	-	-	289	-	-
GBP/USD MONDAY OPTION W	0	-	-	401	-	-	0	-	-	401	-	-
GBP/USD MONTHLY OPTIONS	12	30	-60.0%	124,645	153,914	-19.02%	64	163	-60.7%	320,765	445,389	-28.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	357	188	89.89%	0	0	0.0%	357	19,765	-98.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,775	4,308	-12.37%	0	0	0.0%	15,237	8,708	75.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,873	9,560	-80.41%	0	0	0.0%	10,812	28,620	-62.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,089	14,040	-85.12%	0	0	0.0%	13,921	31,722	-56.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	13,640	-100.00%	0	0	0.0%	6,129	14,882	-58.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,562	7,244	-78.44%	0	0	0.0%	7,601	10,982	-30.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	610	5,317	-88.53%	0	0	0.0%	2,596	10,449	-75.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	322	6,434	-95.00%	0	0	0.0%	6,085	13,516	-55.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	362	5,395	-93.29%	0	0	0.0%	4,535	14,141	-67.9%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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>												
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	-	-	175	-		0	-	-	2,199	-	-
JPY/USD MONDAY OPTION WE	0	-	-	136	-		0	-	-	697	-	-
JPY/USD MONDAY OPTION WE	0	-	-	933	-		0	-	-	933	-	-
JPY/USD MONDAY OPTION WE	0	-	-	385	-		0	-	-	481	-	-
JPY/USD MONDAY OPTION WE	0	-	-	152	-		0	-	-	152	-	-
JPY/USD MONTHLY OPTIONS	100	5	1,900.0%	212,287	132,323	60.43%	727	25	2,808.0%	575,780	353,253	63.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	114	415	-72.53%	0	0	0.0%	114	28,655	-99.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	18,995	4,677	306.14%	0	0	0.0%	55,701	16,909	229.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	23,179	17,823	30.05%	0	0	0.0%	58,584	49,034	19.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,257	18,485	-60.74%	0	0	0.0%	43,564	45,616	-4.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	13,433	-100.00%	0	0	0.0%	15,582	14,768	5.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,145	4,394	-5.67%	0	0	0.0%	26,630	8,396	217.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	9,356	4,946	89.16%	0	0	0.0%	18,953	11,335	67.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	13,485	4,417	205.30%	0	0	0.0%	23,284	9,207	152.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	13,410	3,920	242.09%	0	0	0.0%	26,965	8,656	211.5%
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	0	0	0.0%	618	1,774	-65.16%	1,840	900	104.4%	5,927	4,062	45.9%
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-		0	-	-	0	-	-
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	145	-100.00%	0	0	0.0%	0	145	-100.0%
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%	660	64	931.25%	0	0	0.0%	4,351	1,940	124.3%
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	50	-		0	-	-	50	-	-
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	206	-100.0%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	375	-		0	-	-	375	-	-
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-		0	-	-	0	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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>Ags Futures</b>												
FERTILIZER PRODUCTS	0	0	0.0%	0	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%	665	1,436	-53.69%	0	0	0.0%	3,262	2,808	16.2%
<b>Ag Products Futures</b>												
BUTTER CS	0	0	0.0%	7,830	3,472	125.52%	0	0	0.0%	23,817	11,240	111.9%
CASH-SETTLED CHEESE	0	0	0.0%	22,296	11,762	89.56%	0	0	0.0%	44,286	38,964	13.7%
CATTLE	295	1,744	-83.1%	2,194,417	1,775,624	23.59%	2,592	4,198	-38.3%	5,248,659	4,568,441	14.9%
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	1,731	9,780	-82.3%	3,333,187	2,557,427	30.33%	12,092	28,204	-57.1%	9,219,706	7,860,249	17.3%
CLASS IV MILK	4	28	-85.7%	4,496	1,894	137.38%	65	93	-30.1%	11,695	7,241	61.5%
COCOA TAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COFFEE	0	-	-	0	-	-	0	-	-	0	-	-
CORN	4,562	23,751	-80.8%	7,581,753	7,738,171	-2.02%	18,145	61,218	-70.4%	21,713,033	23,375,828	-7.1%
COTTON	0	0	0.0%	6	0	0.00%	0	0	0.0%	13	3	333.3%
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%	73,486	97,776	-24.84%	0	0	0.0%	114,865	137,191	-16.3%
DRY WHEY	0	0	0.0%	2,639	1,040	153.75%	0	0	0.0%	6,142	4,423	38.9%
FEEDER CATTLE	34	9	277.8%	382,186	368,993	3.58%	54	9	500.0%	1,034,714	894,129	15.7%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	19,477	27,033	-27.95%	0	0	0.0%	56,943	89,965	-36.7%

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<b>Ag Products Futures</b>												
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	204	2,882	-92.9%	1,380,327	1,710,568	-19.31%	1,940	5,221	-62.8%	3,703,207	3,801,399	-2.6%
HOUSING INDEX	0	0	0.0%	79	42	88.10%	0	0	0.0%	133	47	183.0%
Intercommodity Spread	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
KC WHEAT	0	1,182	-100.0%	1,399,817	1,092,090	28.18%	1,534	3,725	-58.8%	3,770,923	3,660,649	3.0%
LUMBER	0	0	0.0%	14,385	11,018	30.56%	0	0	0.0%	45,809	39,936	14.7%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	3	-100.0%	35,325	23,080	53.05%	59	81	-27.2%	93,963	75,541	24.4%
MINI CORN	0	0	0.0%	25,715	7,860	227.16%	0	0	0.0%	47,267	21,349	121.4%
MINI SOYBEAN	0	0	0.0%	32,990	10,776	206.14%	0	0	0.0%	74,012	49,042	50.9%
MINI WHEAT	0	0	0.0%	19,099	5,265	262.75%	0	0	0.0%	31,789	13,153	141.7%
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%	13,434	6,607	103.33%	0	0	0.0%	36,428	20,975	73.7%
OATS	0	0	0.0%	12,492	9,632	29.69%	0	0	0.0%	39,316	36,036	9.1%
ROUGH RICE	0	13	-100.0%	24,902	13,692	81.87%	0	31	-100.0%	78,132	49,934	56.5%
SOYBEAN	2,431	4,850	-49.9%	5,206,598	3,187,853	63.33%	10,769	16,306	-34.0%	14,045,512	10,645,891	31.9%
SOYBEAN MEAL	352	985	-64.3%	2,903,276	1,810,494	60.36%	1,333	2,257	-40.9%	8,314,260	6,183,420	34.5%
SOYBEAN OIL	977	495	97.4%	3,200,940	1,967,199	62.72%	4,078	1,248	226.8%	9,215,252	6,721,919	37.1%
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%	807	2,511	-67.86%	0	0	0.0%	982	3,543	-72.3%
<b>Ag Products Options</b>												
BUTTER CS	15	399	-96.2%	6,502	2,410	169.79%	212	2,929	-92.8%	14,053	9,358	50.2%
CASH-SETTLED CHEESE	382	1,760	-78.3%	18,826	6,907	172.56%	7,734	9,033	-14.4%	32,855	25,290	29.9%
CATTLE	18,794	40,431	-53.5%	358,861	213,916	67.76%	59,913	76,628	-21.8%	824,429	503,632	63.7%
CAT WEATHER EUROPEAN	0	-	-	0	-		0	-	-	0	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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>												
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHI WHEAT	35,740	107,790	-66.8%	854,740	723,934	18.07%	202,275	327,349	-38.2%	1,930,486	1,903,169	1.4%
CLASS IV MILK	232	573	-59.5%	11,841	3,345	253.99%	1,082	1,907	-43.3%	23,292	11,722	98.7%
CORN	106,035	367,350	-71.1%	2,021,590	2,079,913	-2.80%	536,597	979,620	-45.2%	4,440,260	4,752,565	-6.6%
CORN NEARBY+2 CAL SPRD	5,145	1,570	227.7%	1,110	1	#####	14,975	8,470	76.8%	1,980	1	197,900.0%
DEC-DEC CORN CAL SPRD	250	15	1,566.7%	0	0	0.00%	250	573	-56.4%	0	0	0.0%
DEC-JULY CORN CAL SPRD	0	1,800	-100.0%	0	0	0.00%	175	3,700	-95.3%	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	45	22	104.5%	1,377	1,000	37.70%	119	64	85.9%	1,970	2,442	-19.3%
FEEDER CATTLE	1,296	1,922	-32.6%	44,785	31,445	42.42%	4,252	2,754	54.4%	105,128	74,214	41.7%
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	6,789	56,919	-88.1%	367,917	488,806	-24.73%	34,430	117,571	-70.7%	1,019,664	911,859	11.8%
HOUSING INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Intercommodity Spread	2,098	263	697.7%	22	0	0.00%	7,987	580	1,277.1%	25	0	0.0%
JULY-DEC CORN CAL SPRD	2,440	880	177.3%	3,170	500	534.00%	11,810	4,485	163.3%	4,510	500	802.0%
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	220	0	0.0%	50	0	0.00%	1,520	1,300	16.9%	145	0	0.0%
JULY-JULY WHEAT CAL SPRD	0	-	-	0	-		50	-	-	0	-	-
JULY-NOV SOYBEAN CAL SPR	2,227	740	200.9%	902	2	45,000.00%	4,950	3,551	39.4%	1,102	190	480.0%
KC WHEAT	3,401	22,252	-84.7%	124,259	86,967	42.88%	36,570	64,189	-43.0%	281,541	206,850	36.1%
LUMBER	0	60	-100.0%	1,423	2,165	-34.27%	0	70	-100.0%	4,114	5,505	-25.3%
LV CATL CSO	0	30	-100.0%	0	0	0.00%	0	409	-100.0%	0	0	0.0%
MAR-DEC CORN CAL SPRD	0	-	-	0	-		505	-	-	0	-	-
MAR-JULY CORN CAL SPRD	0	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	0	0.00%	0	0	0.0%	0	30	-100.0%
MILK	266	2,071	-87.2%	47,961	26,873	78.47%	3,323	7,030	-52.7%	123,075	99,853	23.3%
MLK MID OPTIONS	13	4	225.0%	11	34	-67.65%	31	8	287.5%	11	98	-88.8%
NFD MILK	99	65	52.3%	12,880	5,216	146.93%	494	459	7.6%	32,389	27,077	19.6%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	50	-100.0%
NOV-MAR SOYBEAN CSO	100	0	0.0%	630	0	0.00%	100	0	0.0%	630	0	0.0%
NOV-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	114	-100.0%	0	0	0.0%
OATS	20	51	-60.8%	35	256	-86.33%	720	1,551	-53.6%	620	888	-30.2%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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>												
ROUGH RICE	1,205	1,406	-14.3%	1,752	742	136.12%	6,492	4,494	44.5%	3,383	2,697	25.4%
SEP-DEC SOYBEAN MEAL CSC	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SOYBEAN	61,969	132,178	-53.1%	1,257,144	771,942	62.85%	275,778	402,649	-31.5%	2,993,620	2,511,387	19.2%
SOYBEAN CRUSH	20	0	0.0%	0	0	0.00%	830	0	0.0%	0	0	0.0%
SOYBEAN MEAL	21,362	24,923	-14.3%	320,411	102,028	214.04%	84,223	93,912	-10.3%	610,331	322,940	89.0%
SOYBEAN OIL	18,954	14,267	32.9%	186,266	76,950	142.06%	106,072	51,610	105.5%	578,803	273,513	111.6%
SOYBN NEARBY+2 CAL SPRD	300	0	0.0%	300	0	0.00%	335	0	0.0%	300	0	0.0%
SOYMEAL NEARBY+2 CAL SPR	200	0	0.0%	0	0	0.00%	200	450	-55.6%	0	0	0.0%
WHEAT	0	1,706	-100.0%	236	898	-73.72%	16	1,706	-99.1%	2,189	1,233	77.5%
WHEAT-CORN ICSCO	10	1,250	-99.2%	0	0	0.00%	70	1,850	-96.2%	0	0	0.0%
WHEAT NEARBY+2 CAL SPRD	0	10	-100.0%	505	0	0.00%	1,251	1,080	15.8%	530	200	165.0%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	1,446,199	858,300	68.5%	238,690,925	149,248,045	59.9%	3,232,304	2,598,908	24.4%	598,882,174	442,359,542	35.4%
Equity Index Futures	24,201	61,518	-60.7%	166,516,477	60,110,310	177.0%	33,712	79,276	-57.5%	337,170,702	153,868,856	119.1%
Metals Futures	0	0	0.0%	17,077,535	10,617,103	60.8%	0	0	0.0%	46,647,470	29,519,809	58.0%
Energy Futures	0	0	0.0%	67,786,197	39,511,784	71.6%	0	0	0.0%	169,706,055	120,918,285	40.3%
FX Futures	8	3	166.7%	29,478,276	20,352,042	44.8%	36	14	157.1%	62,667,582	50,065,669	25.2%
Ags Futures	0	0	0.0%	0	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	10,590	45,722	-76.8%	27,891,959	22,441,879	24.3%	52,661	122,591	-57.0%	76,970,883	68,310,508	12.7%
<b>TOTAL FUTURES</b>	<b>1,480,998</b>	<b>965,543</b>	<b>53.4%</b>	<b>547,441,369</b>	<b>302,281,163</b>	<b>81.1%</b>	<b>3,318,713</b>	<b>2,800,789</b>	<b>18.5%</b>	<b>1,292,044,926</b>	<b>865,042,669</b>	<b>49.4%</b>

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	296,104	604,429	-51.0%	25,851,869	11,753,296	120.0%	1,658,011	2,189,662	-24.3%	60,497,747	34,764,363	74.0%
Interest Rate Options	23,827,113	25,559,351	-6.8%	57,903,873	33,098,649	74.9%	73,045,459	71,143,126	2.7%	134,970,984	84,694,378	59.4%
Metals Options	0	0	0.0%	1,907,188	1,162,286	64.1%	0	0	0.0%	5,430,532	2,884,993	88.2%
Energy Options	0	0	0.0%	5,556,281	2,415,376	130.0%	0	0	0.0%	14,486,486	8,748,064	65.6%
FX Options	939	1,697	-44.7%	1,316,543	1,212,396	8.6%	4,673	5,202	-10.2%	3,647,350	3,324,967	9.7%
Ag Products Options	289,627	782,707	-63.0%	5,645,506	4,626,250	22.0%	1,407,841	2,172,095	-35.2%	13,031,435	11,647,263	11.9%
Foreign Exchange Options	0	0	0.0%	665	1,436	-53.7%	0	0	0.0%	3,262	2,808	16.2%
<b>TOTAL OPTIONS</b>	<b>24,413,783</b>	<b>26,948,184</b>	<b>-9.4%</b>	<b>98,181,925</b>	<b>54,269,689</b>	<b>80.9%</b>	<b>76,115,984</b>	<b>75,510,085</b>	<b>0.8%</b>	<b>232,067,796</b>	<b>146,066,836</b>	<b>58.9%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	25,273,312	26,417,651	-4.3%	296,594,798	182,346,694	62.7%	76,277,763	73,742,034	3.4%	733,853,158	527,053,920	39.2%
Equity Index	320,305	665,947	-51.9%	192,368,346	71,863,606	167.7%	1,691,723	2,268,938	-25.4%	397,668,449	188,633,219	110.8%
Metals	0	0	0.0%	18,984,723	11,779,389	61.2%	0	0	0.0%	52,078,002	32,404,802	60.7%
Energy	0	0	0.0%	73,342,478	41,927,160	74.9%	0	0	0.0%	184,192,541	129,666,349	42.1%
FX	947	1,700	-44.3%	30,794,819	21,564,438	42.8%	4,709	5,216	-9.7%	66,314,932	53,390,636	24.2%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	0	0.0%
Foreign Exchange	0	0	0.0%	665	1,436	-53.7%	0	0	0.0%	3,262	2,808	16.2%
Ag Products	300,217	828,429	-63.8%	33,537,465	27,068,129	23.9%	1,460,502	2,294,686	-36.4%	90,002,318	79,957,771	12.6%
<b>GRAND TOTAL</b>	<b>25,894,781</b>	<b>27,913,727</b>	<b>-7.2%</b>	<b>645,623,294</b>	<b>356,550,852</b>	<b>81.1%</b>	<b>79,434,697</b>	<b>78,310,874</b>	<b>1.4%</b>	<b>1,524,112,722</b>	<b>1,011,109,505</b>	<b>50.7%</b>

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