



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Interest Rate Futures</b>												
10-YR NOTE	0	0	0.0%	30,315,556	22,136,516	36.95%	0	469,469	-100.0%	160,700,734	169,691,173	-5.3%
10-YR SWAP RATE	0	0	0.0%	58,143	21,127	175.21%	0	0	0.0%	266,397	228,634	16.5%
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	243	-100.00%	0	0	0.0%	0	354	-100.0%
20-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
2-YR NOTE	0	0	0.0%	5,016,290	6,640,830	-24.46%	0	261	-100.0%	32,507,279	57,710,016	-43.7%
2-YR SWAP RATE	0	0	0.0%	84,576	701	11,965.05%	0	0	0.0%	327,137	67,671	383.4%
30-YR BOND	0	0	0.0%	7,322,568	4,121,047	77.69%	0	55,491	-100.0%	39,144,143	33,407,057	17.2%
30-YR SWAP RATE	0	0	0.0%	0	26	-100.00%	0	0	0.0%	0	659	-100.0%
3-YR NOTE	0	-	-	144,301	-		0	-	-	688,908	-	-
3-YR SWAP RATE	0	0	0.0%	2,497	2,929	-14.75%	0	0	0.0%	7,267	16,582	-56.2%
4-YR SWAP RATE	0	0	0.0%	451	487	-7.39%	0	0	0.0%	3,706	5,841	-36.6%
5-YR NOTE	0	0	0.0%	14,938,064	12,215,770	22.29%	0	87,402	-100.0%	91,179,356	97,885,715	-6.9%
5-YR SWAP RATE	0	0	0.0%	40,080	54,861	-26.94%	0	0	0.0%	334,058	292,046	14.4%
7-YR SWAP RATE	0	0	0.0%	1,936	689	180.99%	0	0	0.0%	9,265	11,018	-15.9%
EURODOLLARS	396,121	0	0.0%	37,355,676	39,340,906	-5.05%	1,713,253	2,619,681	-34.6%	199,158,460	256,413,419	-22.3%
FED FUND	0	0	0.0%	1,685,441	4,281,935	-60.64%	0	0	0.0%	7,708,608	34,546,584	-77.7%
SOFR	0	0	0.0%	2,322,470	572,738	305.50%	0	0	0.0%	8,937,780	3,851,862	132.0%
SONIA	0	0	0.0%	92,264	115,431	-20.07%	0	0	0.0%	554,379	523,507	5.9%
Ultra 10-Year Note	0	0	0.0%	5,033,905	3,405,865	47.80%	0	0	0.0%	29,040,028	22,729,748	27.8%
ULTRA T-BOND	0	0	0.0%	3,265,631	2,371,761	37.69%	0	0	0.0%	18,059,411	16,784,150	7.6%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Interest Rate Options</b>												
10-YR NOTE	0	0	0.0%	12,648,385	6,745,782	87.50%	0	8,489,760	-100.0%	55,676,516	51,453,713	8.2%
2-YR NOTE	0	0	0.0%	15,445	334,964	-95.39%	0	273,359	-100.0%	66,901	1,269,637	-94.7%
30-YR BOND	0	0	0.0%	2,220,091	1,345,958	64.95%	0	891,042	-100.0%	11,656,749	10,651,105	9.4%
5-YR NOTE	0	0	0.0%	2,635,980	3,002,415	-12.20%	0	2,424,616	-100.0%	12,937,948	15,546,323	-16.8%
EURODOLLARS	2,230,270	0	0.0%	727,139	23,134,243	-96.86%	11,290,421	48,129,596	-76.5%	5,788,250	75,684,990	-92.4%
EURO MIDCURVE	10,036,046	0	0.0%	4,577,373	5,576,479	-17.92%	41,007,727	12,810,071	220.1%	22,105,058	20,493,668	7.9%
FED FUND	0	0	0.0%	0	605	-100.00%	0	3,100	-100.0%	0	7,771	-100.0%
SOFR	0	0	0.0%	10	227	-95.59%	2,000	10	19,900.0%	780	492	58.5%
Ultra 10-Year Note	0	0	0.0%	0	0	0.00%	0	13,035	-100.0%	0	2,961	-100.0%
ULTRA T-BOND	0	0	0.0%	541	412	31.31%	0	10,870	-100.0%	2,157	1,409	53.1%
<b>Equity Index Futures</b>												
BITCOIN FUTURES	0	0	0.0%	195,747	122,670	59.57%	0	0	0.0%	1,016,188	706,464	43.8%
DJ US REAL ESTATE	0	0	0.0%	31,276	31,129	0.47%	0	0	0.0%	130,425	166,415	-21.6%
E-mini (\$5) Dow	0	0	0.0%	2,922,004	4,348,047	-32.80%	0	0	0.0%	15,355,458	24,089,557	-36.3%
E-MINI COM SERVICES SELEC	0	0	0.0%	2,157	1,221	76.66%	0	0	0.0%	10,731	9,320	15.1%
E-mini FTSE 100 (USD)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
E-mini FTSE China 50	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
E-MINI MIDCAP	0	0	0.0%	192,084	234,345	-18.03%	0	0	0.0%	1,000,377	1,639,875	-39.0%
E-MINI NASDAQ 100	0	0	0.0%	10,498,141	9,192,506	14.20%	0	0	0.0%	47,248,203	53,978,247	-12.5%
E-MINI RUSSELL 1000	0	0	0.0%	1,129	1,695	-33.39%	0	0	0.0%	11,503	19,240	-40.2%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	900	926	-2.81%	0	0	0.0%	10,876	12,632	-13.9%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	2,965	4,281	-30.74%	0	0	0.0%	37,377	21,394	74.7%
E-MINI RUSSELL 2000	0	0	0.0%	3,512,212	3,749,625	-6.33%	0	0	0.0%	16,809,336	17,558,261	-4.3%
E-MINI S&P500	0	0	0.0%	28,369,189	37,949,409	-25.24%	0	0	0.0%	139,027,855	198,709,514	-30.0%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	2,515	1,402	79.39%	0	0	0.0%	13,052	34,683	-62.4%
ETHER FUTURES	0	-	-	50,063	-	-	0	-	-	79,200	-	-
FT-SE 100	0	0	0.0%	0	0	0.00%	0	0	0.0%	4	0	0.0%
FTSE Emerging	0	0	0.0%	0	79	-100.00%	0	0	0.0%	5	4,370	-99.9%
IBOVESPA INDEX	0	0	0.0%	97	603	-83.91%	0	0	0.0%	955	2,718	-64.9%
MICRO E-MINI NASDAQ 100	0	0	0.0%	18,490,117	11,892,289	55.48%	0	0	0.0%	85,115,957	45,774,494	85.9%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Equity Index Futures</b>												
MICRO E-MINI RUSSELL 2000	0	0	0.0%	2,807,886	1,893,042	48.33%	0	0	0.0%	14,194,591	6,756,886	110.1%
MICRO E-MINI S&P500	0	0	0.0%	16,440,689	19,825,498	-17.07%	0	0	0.0%	80,727,088	62,437,416	29.3%
MICRO MINI \$5 DOW	0	0	0.0%	1,941,679	3,023,596	-35.78%	0	0	0.0%	11,656,598	11,332,792	2.9%
NASDAQ BIOTECH	0	0	0.0%	93	23	304.35%	0	0	0.0%	2,286	2,650	-13.7%
Nearby BTIC+	0	0	0.0%	50	0	0.00%	0	0	0.0%	104	200	-48.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	98,978	123,617	-19.93%	0	0	0.0%	545,006	1,109,188	-50.9%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	510,293	798,470	-36.09%	0	0	0.0%	2,645,944	5,441,590	-51.4%
S&P 500	0	0	0.0%	2,140	3,123	-31.48%	0	33,712	-100.0%	9,554	15,162	-37.0%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	15,558	28,589	-45.58%	0	0	0.0%	55,963	123,593	-54.7%
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%	0	972	-100.00%	0	0	0.0%	447	3,123	-85.7%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
S&P CONSUMER DSCRTRY S	0	0	0.0%	4,067	2,481	63.93%	0	0	0.0%	47,863	33,451	43.1%
S&P CONSUMER STAPLES SE	0	0	0.0%	10,815	4,066	165.99%	0	0	0.0%	62,735	39,655	58.2%
S&P ENERGY SECTOR	0	0	0.0%	16,303	11,866	37.39%	0	0	0.0%	114,967	78,375	46.7%
S&P FINANCIAL SECTOR	0	0	0.0%	13,371	9,659	38.43%	0	0	0.0%	136,484	80,043	70.5%
S&P HEALTH CARE SECTOR	0	0	0.0%	7,742	5,797	33.55%	0	0	0.0%	54,362	60,793	-10.6%
S&P INDUSTRIAL SECTOR	0	0	0.0%	4,071	4,395	-7.37%	0	0	0.0%	36,846	38,868	-5.2%
S&P MATERIALS SECTOR	0	0	0.0%	2,819	2,995	-5.88%	0	0	0.0%	34,668	21,349	62.4%
S&P TECHNOLOGY SECTOR	0	0	0.0%	6,029	3,075	96.07%	0	0	0.0%	46,909	48,775	-3.8%
S&P UTILITIES SECTOR	0	0	0.0%	10,088	4,732	113.19%	0	0	0.0%	57,296	66,594	-14.0%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WATER INDEX FUTURES	0	-	-	221	-		0	-	-	668	-	-
YEN DENOMINATED TOPIX	0	0	0.0%	1,415	7,034	-79.88%	0	0	0.0%	5,839	36,272	-83.9%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Equity Index Options</b>												
BITCOIN FUTURES	0	0	0.0%	1,249	300	316.33%	0	0	0.0%	5,195	1,510	244.0%
E-mini (\$5) Dow	0	0	0.0%	997	2,076	-51.97%	0	0	0.0%	6,355	14,411	-55.9%
E-MINI NASDAQ 100	0	0	0.0%	447,608	196,932	127.29%	0	0	0.0%	2,007,250	1,433,712	40.0%
E-MINI RUSSELL 2000	0	0	0.0%	18,162	6,435	182.24%	0	0	0.0%	122,927	70,696	73.9%
E-MINI S&P500	0	0	0.0%	4,390,217	5,462,448	-19.63%	0	250	-100.0%	21,896,375	36,201,972	-39.5%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	18,506	5,833	217.26%	0	0	0.0%	87,160	30,149	189.1%
EOM EMINI S&P	0	0	0.0%	1,743,238	1,452,704	20.00%	0	0	0.0%	7,303,633	10,202,138	-28.4%
EOM S&P 500	0	0	0.0%	1,260	0	0.00%	0	303,360	-100.0%	1,300	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	5,939	1,556	281.68%	0	0	0.0%	34,735	24,364	42.6%
EOW1 EMINI S&P 500	0	0	0.0%	456,349	908,912	-49.79%	0	0	0.0%	3,402,756	5,046,450	-32.6%
EOW1 S&P 500	0	0	0.0%	0	0	0.00%	0	157,788	-100.0%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	7,239	1,344	438.62%	0	0	0.0%	49,337	13,574	263.5%
EOW2 EMINI S&P 500	0	0	0.0%	796,525	803,089	-0.82%	0	0	0.0%	3,859,096	4,696,835	-17.8%
EOW2 S&P 500	0	0	0.0%	0	0	0.00%	0	252,530	-100.0%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	22,186	16,752	32.44%	0	0	0.0%	109,380	91,863	19.1%
EOW3 EMINI S&P 500	0	0	0.0%	2,071,740	2,550,173	-18.76%	0	0	0.0%	8,119,813	11,901,212	-31.8%
EOW3 S&P 500	0	0	0.0%	0	0	0.00%	0	266,271	-100.0%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	22,868	2,344	875.60%	0	0	0.0%	56,250	10,048	459.8%
EOW4 EMINI S&P 500	0	0	0.0%	952,615	902,455	5.56%	0	0	0.0%	2,925,299	3,069,726	-4.7%
MICRO E-MINI NASDAQ 100	0	-	-	31,937	-	-	0	-	-	87,293	-	-
MICRO E-MINI S&P500	0	-	-	121,877	-	-	0	-	-	519,505	-	-
S&P 500	0	0	0.0%	0	1,849	-100.00%	0	677,812	-100.0%	200	4,289	-95.3%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Metals Futures</b>												
ALUMINUM	0	0	0.0%	10,767	2,165	397.32%	0	0	0.0%	24,038	12,068	99.2%
COBALT METAL FUTURES	0	-	-	0	-	-	0	-	-	12	-	-
COMEX COPPER	0	0	0.0%	2,386,379	1,748,494	36.48%	0	0	0.0%	9,454,531	8,920,301	6.0%
COMEX E-Mini GOLD	0	0	0.0%	17,937	30,108	-40.42%	0	0	0.0%	97,883	167,115	-41.4%
COMEX E-Mini SILVER	0	0	0.0%	4,519	4,530	-0.24%	0	0	0.0%	33,980	18,513	83.5%
COMEX GOLD	0	0	0.0%	3,509,529	4,161,278	-15.66%	0	0	0.0%	20,142,129	31,237,458	-35.5%
COMEX MINY COPPER	0	0	0.0%	4,089	484	744.83%	0	0	0.0%	14,474	2,269	537.9%
COMEX SILVER	0	0	0.0%	1,742,749	1,329,742	31.06%	0	0	0.0%	7,843,392	7,927,140	-1.1%
COPPER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	577	2,078	-72.23%	0	0	0.0%	3,935	6,090	-35.4%
GOLD	0	0	0.0%	2,219	2,761	-19.63%	0	0	0.0%	16,121	43,691	-63.1%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	166	0	0.00%	0	0	0.0%	696	0	0.0%
IRON ORE 62 CHINA PLATTS F	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI FUTU	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	193	-100.0%
IRON ORE CHINA	0	-	-	0	-	-	0	-	-	4	-	-
LNDN ZINC	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
METALS	0	-	-	0	-	-	0	-	-	0	-	-
MICRO GOLD	0	0	0.0%	914,872	1,595,126	-42.65%	0	0	0.0%	5,340,454	5,085,505	5.0%
NYMEX HOT ROLLED STEEL	0	0	0.0%	3,294	6,760	-51.27%	0	0	0.0%	21,958	25,137	-12.6%
NYMEX PLATINUM	0	0	0.0%	267,678	206,556	29.59%	0	0	0.0%	1,410,909	1,806,686	-21.9%
PALLADIUM	0	0	0.0%	31,438	21,653	45.19%	0	0	0.0%	177,791	355,889	-50.0%
SILVER	0	0	0.0%	134,515	33,662	299.60%	0	0	0.0%	1,039,166	184,782	462.4%
URANIUM	0	0	0.0%	0	5	-100.00%	0	0	0.0%	0	35	-100.0%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Metals Options</b>												
ALUMINUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COMEX COPPER	0	0	0.0%	45,244	9,749	364.09%	0	0	0.0%	142,464	180,705	-21.2%
COMEX GOLD	0	0	0.0%	473,495	743,750	-36.34%	0	0	0.0%	2,535,679	4,715,194	-46.2%
COMEX SILVER	0	0	0.0%	100,526	111,045	-9.47%	0	0	0.0%	668,959	777,019	-13.9%
COPPER	0	0	0.0%	19	133	-85.71%	0	0	0.0%	67	2,663	-97.5%
GOLD	0	0	0.0%	130,264	105,069	23.98%	0	0	0.0%	631,405	674,146	-6.3%
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%	0	0	0.00%	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI CALL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI PUT O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
IRON ORE CHINA	0	-	-	0	-		0	-	-	0	-	-
NYMEX HOT ROLLED STEEL	0	-	-	0	-		0	-	-	0	-	-
NYMEX PLATINUM	0	0	0.0%	89	71	25.35%	0	0	0.0%	1,991	2,777	-28.3%
PALLADIUM	0	0	0.0%	228	26	776.92%	0	0	0.0%	448	1,314	-65.9%
SILVER	0	0	0.0%	6,126	2,852	114.80%	0	0	0.0%	29,702	49,409	-39.9%
<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	0.00%	-	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%
ANR OKLAHOMA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ARGUS LLS VS. WTI (ARG) T	0	0	0.0%	0	0	0.00%	0	0	0.0%	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 FINANCIAL FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	1,954,328	3,041,154	-35.74%	0	0	0.0%	8,991,917	12,576,373	-28.5%
CAR VINTAGE	0	-	-	70	-		0	-	-	124	-	-
CENTERPOINT BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Energy Futures</b>												
CHICAGO ETHANOL SWAP	0	0	0.0%	18	6	200.00%	0	0	0.0%	625	162	285.8%
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	0.00%	-	0	0.0%	-	0	0.0%
CINERGY HUB PEAK MONTH	-	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	0.00%	-	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	55	-100.00%	0	0	0.0%	24	60	-60.0%
CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL LAST DAY	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%	18,480,724	38,208,659	-51.63%	0	0	0.0%	84,279,402	131,568,404	-35.9%
CRUDE OIL SPRDS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL TRADE AT MARKE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DAILY PJM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	0	0	0.0%	0	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	-	-
DOMINION TRAN INC - APP I	-	0	0.0%	-	0	0.00%	-	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%	72,358	37,212	94.45%	0	0	0.0%	204,547	139,680	46.4%
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	6	-100.0%
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	0.00%	-	0	0.0%	-	0	0.0%
ELEC NYISO OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Energy Futures</b>												
ELECTRICITY OFF PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL	0	0	0.0%	53	2,231	-97.62%	0	0	0.0%	144	10,006	-98.6%
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	0.00%	-	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 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%	10	36	-72.22%	0	0	0.0%	146	284	-48.6%
EUROPEAN NAPHTHA BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN NAPHTHA CRACK S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE DATED BRENT SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE NAPHTHA CALSWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO PROPANE CIF ARA SW	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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	0.00%	-	0	0.0%	-	0	0.0%
FUELOIL SWAP:CARGOES VS.	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF NWE VS ISE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 ROTTERDAM BAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 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%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Energy Futures</b>												
GERMAN POWER BASELOAD	0	0	0.0%	0	282	-100.00%	0	0	0.0%	48	8,554	-99.4%
GROUP THREE ULSD (PLATTS)	-	0	0.0%	-	0	0.00%	-	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 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%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	0	0.0%	2,384,542	3,696,110	-35.49%	0	0	0.0%	12,110,818	17,804,007	-32.0%
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	-	-
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%	31	0	0.00%	0	0	0.0%	31	670	-95.4%
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%
ICE GASOIL BALMO SWAP	0	-	-	0	-		0	-	-	0	-	-
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%
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	0.00%	-	0	0.0%	-	0	0.0%
JET CIF NWE VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JET FUEL CRG CIF NEW VS I	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JET FUEL UP-DOWN BALMO C	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JKM LNG Futures	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) 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%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Energy Futures</b>												
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%	174,081	174,549	-0.27%	0	0	0.0%	804,866	675,044	19.2%
MARS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI TRD M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS BLEND CRUDE OIL	0	-	-	0	-		0	-	-	0	-	-
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	1,983	609	225.62%	0	0	0.0%	12,391	4,058	205.3%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	30	0	0.0%
MGF FUT	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	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%	9	3	200.00%	0	0	0.0%	28	20	40.0%
MINY NATURAL GAS	0	0	0.0%	65,886	129,670	-49.19%	0	0	0.0%	478,223	287,515	66.3%
MINY RBOB GAS	0	0	0.0%	13	6	116.67%	0	0	0.0%	36	28	28.6%
MINY WTI CRUDE OIL	0	0	0.0%	439,802	1,704,550	-74.20%	0	0	0.0%	1,593,997	4,194,769	-62.0%
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%	30	0	0.00%	0	0	0.0%	115	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%	0	18	-100.00%	0	0	0.0%	36	66	-45.5%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NAT GAS BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NATURAL GAS	0	0	0.0%	28,261	58,170	-51.42%	0	0	0.0%	158,412	213,391	-25.8%
NATURAL GAS PEN SWP	0	0	0.0%	7	0	0.00%	0	0	0.0%	48	0	0.0%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Energy Futures</b>												
NATURAL GAS PHY	0	0	0.0%	6,757,545	10,879,016	-37.88%	0	0	0.0%	31,868,884	45,748,874	-30.3%
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%
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%
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	0.00%	-	0	0.0%	-	0	0.0%
NORTHEN NATURAL GAS VEN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NORTHWEST ROCKIES BASIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
NY HARBOR 1% FUEL OIL BAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	16	16	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	0.00%	-	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 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	0.00%	-	0	0.0%	-	0	0.0%
NYISO ZONE G 5MW D AH O P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH O P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX ALUMINUM FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY ULSD (ARGUS) VS HEATIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Energy Futures</b>												
ONEOK OKLAHOMA NG BASIS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ONTARIO POWER SWAPS	-	0	0.0%	-	0	0.00%	-	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%
PERMIAN BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS ASIA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM BGE DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM BGE DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM COMED 5MW D AH O PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM COMED 5MW D AH PK	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
PJM NILL DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM OFF-PEAK LMP SWAP FU	-	0	0.0%	-	0	0.00%	-	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%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Energy Futures</b>												
PREMIUM UNLEAD 10PPM FOB	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PREM UNL GAS 10PPM RDAM	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PREM UNL GAS 10PPM RDAM	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
RBOB GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB GASOLINE BALMO CLNC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	3,565,329	3,769,636	-5.42%	0	0	0.0%	15,431,276	18,174,695	-15.1%
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	0.00%	-	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 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%
SING FUEL	-	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%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Energy Futures</b>												
TEXAS EASTERN ZONE M-3 BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 BASIS SWA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
UCM FUT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
UK NBP NAT GAS CAL MTH FU	0	0	0.0%	0	179	-100.00%	0	0	0.0%	2,485	1,524	63.1%
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%
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%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI TRD MT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
<b>Energy Options</b>												
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CRUDE OIL 1 M CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	2,436	5,200	-53.15%	0	0	0.0%	14,995	106,644	-85.9%
COAL API2 INDEX	0	0	0.0%	0	0	0.00%	0	0	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%	7,100	9,995	-28.96%	0	0	0.0%	39,980	42,196	-5.3%
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	0.00%	-	0	0.0%	-	0	0.0%
CRUDE OIL PHY	0	0	0.0%	1,559,614	2,631,346	-40.73%	0	0	0.0%	7,290,619	12,346,753	-41.0%
ELEC FINSETTLED	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	0.00%	-	0	0.0%	-	0	0.0%
HEATING OIL CRK SPD AVG P	0	-	-	0	-	-	0	-	-	0	-	-
HEATING OIL PHY	0	0	0.0%	1,661	2,308	-28.03%	0	0	0.0%	6,255	21,368	-70.7%
HENRY HUB FINANCIAL LAST	0	0	0.0%	16	0	0.00%	0	0	0.0%	40	20	100.0%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Energy Options</b>												
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 ARGV 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	100	-100.00%	0	0	0.0%	4,250	2,401	77.0%
NATURAL GAS 2 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	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%	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%	823,902	1,772,656	-53.52%	0	0	0.0%	4,771,362	6,369,354	-25.1%
NATURAL GAS SUMMER STRIF	0	-	-	0	-		0	-	-	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%	61	95	-35.79%	0	0	0.0%	288	492	-41.5%
PETROCHEMICALS	0	0	0.0%	14	4	250.00%	0	0	0.0%	29	11	163.6%
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	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
RBOB PHY	0	0	0.0%	2,025	2,250	-10.00%	0	0	0.0%	8,984	13,398	-32.9%
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	0	0.00%	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	2,150	1,200	79.17%	0	0	0.0%	5,900	9,000	-34.4%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	900	0	0.00%	0	0	0.0%	900	0	0.0%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>FX Futures</b>												
AD/CD CROSS RATES	0	0	0.0%	20	12	66.67%	0	0	0.0%	44	45	-2.2%
AD/JY CROSS RATES	0	0	0.0%	1,391	1,565	-11.12%	0	0	0.0%	8,912	11,499	-22.5%
AD/NE CROSS RATES	0	0	0.0%	153	238	-35.71%	0	0	0.0%	674	1,681	-59.9%
AUSTRALIAN DOLLAR	0	0	0.0%	1,735,122	1,423,626	21.88%	0	0	0.0%	8,788,816	9,127,525	-3.7%
BP/JY CROSS RATES	0	0	0.0%	1,795	2,268	-20.86%	0	0	0.0%	8,714	14,127	-38.3%
BP/SF CROSS RATES	0	0	0.0%	417	125	233.60%	0	0	0.0%	2,363	2,059	14.8%
BRAZIL REAL	0	0	0.0%	205,668	162,768	26.36%	0	0	0.0%	872,110	770,010	13.3%
BRITISH POUND	0	0	0.0%	1,624,503	1,327,793	22.35%	0	0	0.0%	7,407,509	9,066,302	-18.3%
CANADIAN DOLLAR	0	0	0.0%	1,497,971	1,223,695	22.41%	0	0	0.0%	6,465,772	7,218,998	-10.4%
CD/JY CROSS RATES	0	0	0.0%	11	8	37.50%	0	0	0.0%	544	224	142.9%
CHINESE RENMINBI (CNH)	0	0	0.0%	9,491	11,919	-20.37%	0	0	0.0%	58,826	77,672	-24.3%
CZECK KORUNA (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	14	-85.7%
CZECK KORUNA (US)	0	-	-	1	-		0	-	-	3	-	-
EC/AD CROSS RATES	0	0	0.0%	2,097	2,503	-16.22%	0	0	0.0%	18,018	29,347	-38.6%
EC/CD CROSS RATES	0	0	0.0%	3,883	1,545	151.33%	0	0	0.0%	24,558	18,303	34.2%
EC/NOK CROSS RATES	0	0	0.0%	141	825	-82.91%	0	0	0.0%	2,355	1,241	89.8%
EC/SEK CROSS RATES	0	0	0.0%	261	200	30.50%	0	0	0.0%	2,383	2,809	-15.2%
EFX/BP CROSS RATES	0	0	0.0%	23,624	40,720	-41.98%	0	0	0.0%	209,282	323,983	-35.4%
EFX/JY CROSS RATES	0	0	0.0%	19,784	34,451	-42.57%	0	0	0.0%	129,471	294,110	-56.0%
EFX/SF CROSS RATES	0	0	0.0%	11,613	33,979	-65.82%	0	0	0.0%	79,406	178,347	-55.5%
E-MINI EURO FX	0	0	0.0%	91,207	127,992	-28.74%	0	0	0.0%	568,393	579,607	-1.9%
E-MINI JAPANESE YEN	0	0	0.0%	7,023	23,614	-70.26%	0	0	0.0%	40,416	132,060	-69.4%
EURO FX	0	0	0.0%	3,357,827	2,890,607	16.16%	0	36	-100.0%	16,298,674	18,795,914	-13.3%
HUNGARIAN FORINT (EC)	0	-	-	0	-		0	-	-	0	-	-
HUNGARIAN FORINT (US)	0	0	0.0%	1	30	-96.67%	0	0	0.0%	61	57	7.0%
INDIAN RUPEE	0	0	0.0%	12,237	16,077	-23.89%	0	0	0.0%	63,765	114,094	-44.1%
JAPANESE YEN	0	0	0.0%	2,203,850	1,515,090	45.46%	0	0	0.0%	8,613,350	12,880,625	-33.1%
KOREAN WON	0	0	0.0%	1,723	359	379.94%	0	0	0.0%	7,732	2,255	242.9%
MEXICAN PESO	0	0	0.0%	756,929	854,429	-11.41%	0	0	0.0%	4,387,568	5,425,543	-19.1%
MICRO AUD/USD	0	0	0.0%	198,181	262,277	-24.44%	0	0	0.0%	994,518	828,216	20.1%
MICRO CAD/USD	0	0	0.0%	49,130	29,321	67.56%	0	0	0.0%	189,814	100,091	89.6%
MICRO CHF/USD	0	0	0.0%	6,733	1,223	450.53%	0	0	0.0%	38,704	15,140	155.6%
MICRO EUR/USD	0	0	0.0%	407,013	422,514	-3.67%	0	0	0.0%	2,143,973	1,534,675	39.7%
MICRO GBP/USD	0	0	0.0%	69,348	45,599	52.08%	0	0	0.0%	280,531	192,672	45.6%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>FX Futures</b>												
MICRO INR/USD	0	0	0.0%	2,094	1,956	7.06%	0	0	0.0%	9,250	11,417	-19.0%
MICRO JPY/USD	0	0	0.0%	30,782	27,085	13.65%	0	0	0.0%	121,749	141,220	-13.8%
MICRO USD/CNH	0	-	-	3	-		0	-	-	7	-	-
NEW ZEALND DOLLAR	0	0	0.0%	458,788	433,157	5.92%	0	0	0.0%	2,480,668	2,629,505	-5.7%
NKR/USD CROSS RATE	0	0	0.0%	3,968	1,605	147.23%	0	0	0.0%	18,612	24,846	-25.1%
POLISH ZLOTY (EC)	0	0	0.0%	47	20	135.00%	0	0	0.0%	562	167	236.5%
POLISH ZLOTY (US)	0	0	0.0%	380	319	19.12%	0	0	0.0%	4,223	2,587	63.2%
RMB USD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	3	-100.0%
RUSSIAN RUBLE	0	0	0.0%	83,722	98,006	-14.57%	0	0	0.0%	388,683	500,417	-22.3%
S.AFRICAN RAND	0	0	0.0%	32,603	73,400	-55.58%	0	0	0.0%	199,566	296,592	-32.7%
SF/JY CROSS RATES	0	0	0.0%	40	8	400.00%	0	0	0.0%	114	157	-27.4%
SHEKEL	0	0	0.0%	1	0	0.00%	0	0	0.0%	11	90	-87.8%
SKR/USD CROSS RATES	0	0	0.0%	3,872	2,028	90.93%	0	0	0.0%	17,038	16,691	2.1%
SWISS FRANC	0	0	0.0%	397,325	379,096	4.81%	0	0	0.0%	1,900,096	2,778,684	-31.6%
TURKISH LIRA	0	0	0.0%	4	0	0.00%	0	0	0.0%	8	13	-38.5%
USDZAR	0	0	0.0%	4	0	0.00%	0	0	0.0%	49	0	0.0%
<b>FX Options</b>												
AUD/USD MONDAY OPTION W	0	0	0.0%	657	568	15.67%	0	0	0.0%	1,939	1,077	80.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	99	362	-72.65%	0	0	0.0%	1,531	431	255.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	204	17	1,100.00%	0	0	0.0%	1,842	409	350.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	661	180	267.22%	0	0	0.0%	1,852	180	928.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	23	103	-77.7%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	44,003	69,324	-36.53%	0	0	0.0%	180,520	388,276	-53.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	136	2,925	-95.35%	0	0	0.0%	958	3,015	-68.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,219	1,685	-27.66%	0	0	0.0%	6,592	25,175	-73.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,831	3,777	-51.52%	0	0	0.0%	10,120	19,002	-46.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,287	3,000	9.57%	0	0	0.0%	14,211	19,283	-26.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,482	959	54.54%	0	0	0.0%	3,069	5,764	-46.8%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,077	1,139	-5.44%	0	0	0.0%	4,084	5,974	-31.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	517	820	-36.95%	0	0	0.0%	3,194	5,471	-41.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	133	321	-58.57%	0	0	0.0%	2,122	5,201	-59.2%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>FX Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	541	1,573	-65.61%	0	0	0.0%	4,498	7,893	-43.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	1,023	-100.00%	0	0	0.0%	564	3,619	-84.4%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	640	17	3,664.71%	0	0	0.0%	1,626	106	1,434.0%
CAD/USD MONDAY OPTIONS	0	0	0.0%	692	105	559.05%	0	0	0.0%	3,524	506	596.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	674	0	0.00%	0	0	0.0%	2,639	101	2,512.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	305	259	17.76%	0	0	0.0%	1,261	391	222.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	343	12	2,758.33%	0	0	0.0%	2,028	246	724.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	612	102	500.0%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	52,852	47,592	11.05%	0	430	-100.0%	198,332	222,793	-11.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	13	5,844	-99.78%	0	0	0.0%	6,368	5,965	6.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,257	2,832	-55.61%	0	0	0.0%	11,770	28,900	-59.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,233	4,121	26.98%	0	0	0.0%	23,057	26,007	-11.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,908	7,529	-21.53%	0	0	0.0%	26,737	29,041	-7.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,968	822	382.73%	0	0	0.0%	9,870	11,430	-13.6%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	564	402	40.30%	0	0	0.0%	3,913	7,120	-45.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	661	741	-10.80%	0	0	0.0%	4,910	8,623	-43.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	599	2,204	-72.82%	0	0	0.0%	4,298	8,493	-49.4%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,078	2,350	-11.57%	0	0	0.0%	3,629	9,646	-62.4%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	3,914	-100.00%	0	0	0.0%	1,221	5,417	-77.5%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	7,136	1,884	278.77%	0	0	0.0%	17,358	15,858	9.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	20	35	-42.86%	0	0	0.0%	56	37	51.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	18	34	-47.06%	0	0	0.0%	672	659	2.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	678	84	707.14%	0	0	0.0%	1,154	690	67.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	420	36	1,066.67%	0	0	0.0%	1,877	515	264.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	17	1	1,600.00%	0	0	0.0%	22	842	-97.4%
EUR/GBP MONTHLY OPTIONS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EUR/GBP WKLY FRIDAY OPTIC	0	-	-	0	-	-	0	-	-	0	-	-
EUR/USD MONDAY OPTION W	0	0	0.0%	1,693	901	87.90%	0	0	0.0%	5,520	1,995	176.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,717	284	504.58%	0	0	0.0%	4,800	1,372	249.9%
EUR/USD MONDAY OPTION W	0	0	0.0%	572	296	93.24%	0	0	0.0%	1,234	2,078	-40.6%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,540	646	138.39%	0	0	0.0%	8,210	1,763	365.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,587	1,609	-1.4%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	194,950	199,099	-2.08%	0	1,550	-100.0%	821,848	1,441,644	-43.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	200	10,098	-98.02%	0	0	0.0%	11,898	10,582	12.4%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>FX Options</b>												
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,103	3,393	-38.02%	0	62	-100.0%	38,363	98,626	-61.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	17,337	11,259	53.98%	0	0	0.0%	79,841	95,798	-16.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	14,365	10,202	40.81%	0	0	0.0%	63,616	98,985	-35.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	17,252	847	1,936.84%	0	0	0.0%	33,497	23,277	43.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	10,706	1,511	608.54%	0	0	0.0%	25,806	37,468	-31.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,190	3,591	72.38%	0	0	0.0%	27,196	38,184	-28.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	9,597	3,127	206.91%	0	0	0.0%	29,516	33,972	-13.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,651	2,051	273.04%	0	0	0.0%	33,837	32,957	2.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	4,743	-100.00%	0	0	0.0%	5,639	14,285	-60.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	495	175	182.86%	0	0	0.0%	1,188	794	49.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,305	465	180.65%	0	0	0.0%	1,681	467	260.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	126	240	-47.50%	0	0	0.0%	1,103	529	108.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	922	-100.00%	0	0	0.0%	492	922	-46.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	400	401	-0.2%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	59,984	62,283	-3.69%	0	64	-100.0%	294,985	383,048	-23.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	21	2,898	-99.28%	0	0	0.0%	1,768	3,255	-45.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,335	967	38.06%	0	0	0.0%	8,483	16,204	-47.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,156	1,570	37.32%	0	0	0.0%	10,169	12,382	-17.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,625	2,273	15.49%	0	0	0.0%	11,427	16,194	-29.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,138	567	277.07%	0	0	0.0%	3,486	6,696	-47.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,343	1,711	36.94%	0	0	0.0%	4,450	9,312	-52.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	480	1,096	-56.20%	0	0	0.0%	3,385	3,692	-8.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	965	1,022	-5.58%	0	0	0.0%	2,720	7,107	-61.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,556	40	6,290.00%	0	0	0.0%	4,497	4,575	-1.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	787	-100.00%	0	0	0.0%	1,655	5,190	-68.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	276	69	300.00%	0	0	0.0%	1,637	2,268	-27.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	168	512	-67.19%	0	0	0.0%	1,075	1,209	-11.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	108	107	0.93%	0	0	0.0%	837	1,040	-19.5%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	754	-100.00%	0	0	0.0%	517	1,235	-58.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.00%	0	0	0.0%	313	152	105.9%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	60,374	120,860	-50.05%	0	727	-100.0%	311,907	696,640	-55.2%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	3	5,570	-99.95%	0	0	0.0%	8,167	5,684	43.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,613	3,129	-48.45%	0	0	0.0%	17,094	58,830	-70.9%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	6,216	6,007	3.48%	0	0	0.0%	36,914	64,591	-42.8%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>FX Options</b>												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	6,951	9,469	-26.59%	0	0	0.0%	30,549	53,033	-42.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,219	832	887.86%	0	0	0.0%	16,475	16,414	0.4%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,210	1,742	84.27%	0	0	0.0%	9,566	28,372	-66.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,024	1,806	67.44%	0	0	0.0%	11,199	20,759	-46.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,489	3,319	-25.01%	0	0	0.0%	8,977	26,603	-66.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,443	2,434	0.37%	0	0	0.0%	10,692	29,399	-63.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	2,070	-100.00%	0	0	0.0%	2,493	6,294	-60.4%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	294	259	13.51%	0	1,840	-100.0%	3,010	6,186	-51.3%
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	1	-100.00%	0	0	0.0%	0	1	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	585	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	50	-100.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	27	0	0.00%	0	0	0.0%	292	4,351	-93.3%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	50	-100.0%
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%	0	0	0.00%	0	0	0.0%	0	375	-100.0%
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RUB/USD MONTHLY OPTIONS	0	-	-	0	-		0	-	-	68	-	-
<b>Ags Futures</b>												
FERTILIZER PRODUCTS	0	0	0.0%	0	15	-100.00%	0	0	0.0%	4	75	-94.7%
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Foreign Exchange Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	146	454	-67.84%	0	0	0.0%	2,793	3,716	-24.8%
<b>Ag Products Futures</b>												
BUTTER CS	0	0	0.0%	3,728	6,459	-42.28%	0	0	0.0%	17,134	30,276	-43.4%
CASH-SETTLED CHEESE	0	0	0.0%	12,592	16,060	-21.59%	0	0	0.0%	50,489	60,346	-16.3%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,138,635	1,202,083	-5.28%	0	2,592	-100.0%	4,928,557	6,450,742	-23.6%
CAT WEATHER EUROPEAN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	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	0	0	0.0%	3,618,888	2,677,485	35.16%	0	12,092	-100.0%	10,983,773	11,897,191	-7.7%
CLASS IV MILK	0	0	0.0%	724	2,252	-67.85%	0	65	-100.0%	2,442	13,947	-82.5%
COCOA TAS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
COFFEE	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	0	0.0%
CORN	0	0	0.0%	9,626,481	7,776,075	23.80%	0	18,145	-100.0%	32,247,797	29,489,108	9.4%
COTTON	0	0	0.0%	0	2	-100.00%	0	0	0.0%	0	15	-100.0%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	22	0	0.0%
DOW-UBS COMMOD INDEX	0	0	0.0%	16,254	14,333	13.40%	0	0	0.0%	177,975	129,198	37.8%
DRY WHEY	0	0	0.0%	3,090	924	234.42%	0	0	0.0%	9,768	7,066	38.2%
FEEDER CATTLE	0	0	0.0%	286,364	227,851	25.68%	0	54	-100.0%	1,004,328	1,262,565	-20.5%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	9,364	17,991	-47.95%	0	0	0.0%	49,308	74,934	-34.2%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	44	-100.00%	0	0	0.0%	75	44	70.5%
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	0.00%	-	0	0.0%	-	0	0.0%
HDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	25	-100.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	867,015	1,193,560	-27.36%	0	1,940	-100.0%	3,686,747	4,896,767	-24.7%
HOUSING INDEX	0	0	0.0%	21	50	-58.00%	0	0	0.0%	51	183	-72.1%
Intercommodity Spread	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
KC WHEAT	0	0	0.0%	1,351,615	1,213,901	11.34%	0	1,534	-100.0%	4,404,470	4,984,824	-11.6%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Ag Products Futures</b>												
LUMBER	0	0	0.0%	11,803	9,124	29.36%	0	0	0.0%	37,876	54,933	-31.1%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	24,403	40,565	-39.84%	0	59	-100.0%	97,079	134,528	-27.8%
MINI CORN	0	0	0.0%	83,753	31,965	162.01%	0	0	0.0%	257,023	79,232	224.4%
MINI SOYBEAN	0	0	0.0%	59,330	31,972	85.57%	0	0	0.0%	282,292	105,984	166.4%
MINI WHEAT	0	0	0.0%	23,436	18,988	23.43%	0	0	0.0%	78,286	50,777	54.2%
MLK MID OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	5,377	8,989	-40.18%	0	0	0.0%	24,115	45,417	-46.9%
OATS	0	0	0.0%	11,763	9,221	27.57%	0	0	0.0%	37,605	48,537	-22.5%
PACIFIC RIM DAT SS WTHR	0	-	-	0	-	-	0	-	-	0	-	-
PORK CUTOUT	0	-	-	1,919	-	-	0	-	-	15,688	-	-
ROUGH RICE	0	0	0.0%	23,845	32,450	-26.52%	0	0	0.0%	64,938	110,582	-41.3%
SOYBEAN	0	0	0.0%	5,236,472	4,376,125	19.66%	0	10,769	-100.0%	19,468,082	18,421,637	5.7%
SOYBEAN MEAL	0	0	0.0%	2,521,276	2,135,765	18.05%	0	1,333	-100.0%	8,320,406	10,450,025	-20.4%
SOYBEAN OIL	0	0	0.0%	2,989,772	2,885,146	3.63%	0	4,078	-100.0%	11,143,114	12,100,398	-7.9%
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SUGAR 11	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
USD CRUDE PALM OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WHEAT	0	0	0.0%	1,671	596	180.37%	0	0	0.0%	10,313	1,578	553.5%
<b>Ag Products Options</b>												
AUG-NOV SOYBEAN CAL SPR	0	-	-	0	-	-	0	-	-	0	-	-
BUTTER CS	0	0	0.0%	2,484	3,057	-18.74%	0	212	-100.0%	10,763	17,110	-37.1%
CASH-SETTLED CHEESE	0	0	0.0%	5,681	14,776	-61.55%	0	7,734	-100.0%	36,684	47,631	-23.0%
CATTLE	0	0	0.0%	210,393	235,581	-10.69%	0	59,913	-100.0%	804,587	1,060,010	-24.1%
CAT WEATHER EUROPEAN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	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	-	-
CHI WHEAT	0	0	0.0%	615,547	629,315	-2.19%	0	202,275	-100.0%	1,916,853	2,559,801	-25.1%
CLASS IV MILK	0	0	0.0%	3,306	6,782	-51.25%	0	1,082	-100.0%	12,165	30,074	-59.5%
CORN	0	0	0.0%	3,771,920	1,738,458	116.97%	0	536,597	-100.0%	11,973,329	6,178,718	93.8%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	10,206	2,370	330.63%	0	14,975	-100.0%	31,295	4,350	619.4%

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Ag Products Options</b>												
DEC-DEC CORN CAL SPRD	0	0	0.0%	200	728	-72.53%	0	250	-100.0%	200	728	-72.5%
DEC-JULY CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	175	-100.0%	0	0	0.0%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DRY WHEY	0	0	0.0%	744	604	23.18%	0	119	-100.0%	1,234	2,574	-52.1%
FEEDER CATTLE	0	0	0.0%	27,214	24,717	10.10%	0	4,252	-100.0%	84,840	129,845	-34.7%
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%
HDD WEATHER EUROPEAN	0	-	-	0	-	-	0	-	-	0	-	-
HOGS	0	0	0.0%	157,997	317,867	-50.29%	0	34,430	-100.0%	718,015	1,337,531	-46.3%
HOUSING INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Intercommodity Spread	0	0	0.0%	2	243	-99.18%	0	7,987	-100.0%	268	268	0.0%
JAN-MAR SOYBEAN CSO	0	-	-	0	-	-	0	-	-	0	-	-
JULY-DEC CORN CAL SPRD	0	0	0.0%	5,510	0	0.00%	0	11,810	-100.0%	19,485	4,510	332.0%
JULY-DEC SOYMEAL CAL SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JULY-DEC SOY OIL CAL SPRD	0	-	-	0	-	-	0	-	-	0	-	-
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	50	1,220	-95.90%	0	1,520	-100.0%	100	1,365	-92.7%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	70	-100.00%	0	50	-100.0%	0	70	-100.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	853	500	70.60%	0	4,950	-100.0%	1,427	1,602	-10.9%
KC WHEAT	0	0	0.0%	66,312	105,065	-36.88%	0	36,570	-100.0%	222,234	386,606	-42.5%
LUMBER	0	0	0.0%	883	641	37.75%	0	0	0.0%	3,152	4,755	-33.7%
LV CATL CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	505	-100.0%	0	0	0.0%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	2,500	-100.0%	0	0	0.0%
MAR-JULY SOYBEAN CAL SPR	0	-	-	0	-	-	0	-	-	0	-	-
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	25,424	66,071	-61.52%	0	3,323	-100.0%	116,874	189,146	-38.2%
MLK MID OPTIONS	0	0	0.0%	6	2	200.00%	0	31	-100.0%	9	13	-30.8%
NFD MILK	0	0	0.0%	3,464	8,205	-57.78%	0	494	-100.0%	15,589	40,594	-61.6%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	120	-100.00%	0	100	-100.0%	0	750	-100.0%
NOV-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
OATS	0	0	0.0%	100	66	51.52%	0	720	-100.0%	455	686	-33.7%
PORK CUTOUT	0	-	-	76	-	-	0	-	-	630	-	-

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>Ag Products Options</b>												
ROUGH RICE	0	0	0.0%	192	3,219	-94.04%	0	6,492	-100.0%	1,525	6,602	-76.9%
SOYBEAN	0	0	0.0%	1,691,834	836,912	102.15%	0	275,778	-100.0%	6,972,301	3,830,532	82.0%
SOYBEAN CRUSH	0	0	0.0%	326	347	-6.05%	0	830	-100.0%	861	347	148.1%
SOYBEAN MEAL	0	0	0.0%	225,618	212,135	6.36%	0	84,223	-100.0%	920,236	822,466	11.9%
SOYBEAN OIL	0	0	0.0%	337,691	134,643	150.80%	0	106,072	-100.0%	1,318,512	713,446	84.8%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	1,093	245	346.12%	0	335	-100.0%	6,821	545	1,151.6%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0.00%	0	200	-100.0%	0	0	0.0%
WHEAT	0	0	0.0%	625	404	54.70%	0	16	-100.0%	3,287	2,593	26.8%
WHEAT-CORN ICSCO	0	0	0.0%	100	1,110	-90.99%	0	70	-100.0%	613	1,110	-44.8%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	74	396	-81.31%	0	1,251	-100.0%	1,491	926	61.0%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	396,121	0	0.0%	107,679,849	95,283,862	13.0%	1,713,253	3,232,304	-47.0%	588,626,916	694,166,036	-15.2%
Equity Index Futures	0	0	0.0%	86,164,903	93,283,257	-7.6%	0	33,712	-100.0%	416,303,720	430,453,959	-3.3%
Metals Futures	0	0	0.0%	9,030,728	9,145,402	-1.3%	0	0	0.0%	45,621,473	55,792,872	-18.2%
Energy Futures	0	0	0.0%	33,925,080	61,702,151	-45.0%	0	0	0.0%	155,938,669	231,408,206	-32.6%
FX Futures	0	0	0.0%	13,312,781	11,474,052	16.0%	0	36	-100.0%	62,847,897	74,141,634	-15.2%
Ags Futures	0	0	0.0%	0	15	-100.0%	0	0	0.0%	4	75	-94.7%
Foreign Exchange Futures	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Ag Products Futures	0	0	0.0%	27,929,591	23,929,976	16.7%	0	52,661	-100.0%	97,399,755	100,900,859	-3.5%
<b>TOTAL FUTURES</b>	<b>396,121</b>	<b>0</b>	<b>0.0%</b>	<b>278,042,932</b>	<b>294,818,715</b>	<b>-5.7%</b>	<b>1,713,253</b>	<b>3,318,713</b>	<b>-48.4%</b>	<b>1,366,738,434</b>	<b>1,586,863,641</b>	<b>-13.9%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	11,110,512	12,315,202	-9.8%	0	1,658,011	-100.0%	50,593,859	72,812,949	-30.5%
Interest Rate Options	12,266,316	0	0.0%	22,824,964	40,141,085	-43.1%	52,300,148	73,045,459	-28.4%	108,234,359	175,112,069	-38.2%
Metals Options	0	0	0.0%	755,991	972,695	-22.3%	0	0	0.0%	4,010,715	6,403,227	-37.4%
Energy Options	0	0	0.0%	2,399,879	4,425,154	-45.8%	0	0	0.0%	12,143,602	18,911,640	-35.8%
FX Options	0	0	0.0%	597,740	656,495	-8.9%	0	4,673	-100.0%	2,580,132	4,303,845	-40.1%
Ag Products Options	0	0	0.0%	7,165,925	4,345,869	64.9%	0	1,407,841	-100.0%	25,195,835	17,377,304	45.0%
Foreign Exchange Options	0	0	0.0%	146	454	-67.8%	0	0	0.0%	2,793	3,716	-24.8%
<b>TOTAL OPTIONS</b>	<b>12,266,316</b>	<b>0</b>	<b>0.0%</b>	<b>44,855,157</b>	<b>62,856,954</b>	<b>-28.6%</b>	<b>52,300,148</b>	<b>76,115,984</b>	<b>-31.3%</b>	<b>202,761,295</b>	<b>294,924,750</b>	<b>-31.2%</b>

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2021	Open Outcry APR 2020	% CHG	ELEC APR 2021	ELEC APR 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
<b>TOTAL COMBINED</b>												
Interest Rate	12,662,437	0	0.0%	130,504,813	135,424,947	-3.6%	54,013,401	76,277,763	-29.2%	696,861,275	869,278,105	-19.8%
Equity Index	0	0	0.0%	97,275,415	105,598,459	-7.9%	0	1,691,723	-100.0%	466,897,579	503,266,908	-7.2%
Metals	0	0	0.0%	9,786,719	10,118,097	-3.3%	0	0	0.0%	49,632,188	62,196,099	-20.2%
Energy	0	0	0.0%	36,324,959	66,127,305	-45.1%	0	0	0.0%	168,082,271	250,319,846	-32.9%
FX	0	0	0.0%	13,910,521	12,130,547	14.7%	0	4,709	-100.0%	65,428,029	78,445,479	-16.6%
Ags	0	0	0.0%	0	15	-100.0%	0	0	0.0%	4	75	-94.7%
Foreign Exchange	0	0	0.0%	146	454	-67.8%	0	0	0.0%	2,793	3,716	-24.8%
Ag Products	0	0	0.0%	35,095,516	28,275,845	24.1%	0	1,460,502	-100.0%	122,595,590	118,278,163	3.7%
<b>GRAND TOTAL</b>	<b>12,662,437</b>	<b>0</b>	<b>0.0%</b>	<b>322,898,089</b>	<b>357,675,669</b>	<b>-9.7%</b>	<b>54,013,401</b>	<b>79,434,697</b>	<b>-32.0%</b>	<b>1,569,499,729</b>	<b>1,881,788,391</b>	<b>-16.6%</b>

\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.