



CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Interest Rate Futures												
10-YR Eris LIBOR	0	0	0.0%	3,055	1,532	99.41%	0	0	0.0%	33,105	13,075	153.2%
10-YR Eris SOFR	0	0	0.0%	67	30	123.33%	0	0	0.0%	565	150	276.7%
10-YR MAC LIBOR	0	0	0.0%	5,498	43,016	-87.22%	0	0	0.0%	124,305	387,340	-67.9%
10-YR NOTE	0	0	0.0%	28,949,983	31,448,977	-7.95%	0	0	0.0%	268,946,514	271,415,618	-0.9%
10Y YIELD	0	-	-	97,723	-	-	0	-	-	692,510	-	-
15-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
1-MONTH EURODOLLAR	0	0	0.0%	7	0	0.00%	0	0	0.0%	281	0	0.0%
1-YR Eris BSBY	0	-	-	300	-	-	0	-	-	1,300	-	-
1-YR Eris SOFR	0	0	0.0%	7,711	69,260	-88.87%	0	0	0.0%	188,328	485,278	-61.2%
20-YR BOND	0	-	-	3,470	-	-	0	-	-	24,065	-	-
20-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
2-YR Eris LIBOR	0	0	0.0%	2,033	2,200	-7.59%	0	0	0.0%	76,591	12,506	512.4%
2-YR Eris SOFR	0	0	0.0%	4,387	4,350	0.85%	0	0	0.0%	85,689	21,620	296.3%
2-YR NOTE	0	0	0.0%	9,240,642	5,828,905	58.53%	0	0	0.0%	91,773,587	57,759,117	58.9%
2Y YIELD	0	-	-	6,345	-	-	0	-	-	54,796	-	-
30-YR BOND	0	0	0.0%	6,063,370	7,279,222	-16.70%	0	0	0.0%	56,735,657	65,582,962	-13.5%
30-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	185	0	0.0%
30-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	304	0	0.0%
30Y YIELD	0	-	-	7,835	-	-	0	-	-	74,792	-	-
3-YR Eris BSBY	0	-	-	0	-	-	0	-	-	4	-	-
3-YR Eris LIBOR	0	0	0.0%	1,403	1,025	36.88%	0	0	0.0%	46,896	16,241	188.8%
3-YR Eris SOFR	0	0	0.0%	2,342	1,487	57.50%	0	0	0.0%	23,712	8,923	165.7%
3-YR NOTE	0	0	0.0%	335,607	139,943	139.82%	0	0	0.0%	2,450,198	1,196,687	104.7%
4-YR Eris LIBOR	0	0	0.0%	1,896	5,200	-63.54%	0	0	0.0%	27,048	15,481	74.7%
4-YR Eris SOFR	0	0	0.0%	104	420	-75.24%	0	0	0.0%	4,669	3,650	27.9%
5-YR Eris LIBOR	0	0	0.0%	17,087	20,354	-16.05%	0	0	0.0%	172,620	161,278	7.0%
5-YR Eris SOFR	0	0	0.0%	1,891	430	339.77%	0	0	0.0%	16,426	1,855	785.5%
5-YR MAC LIBOR	0	0	0.0%	32,844	48,036	-31.63%	0	0	0.0%	220,217	356,832	-38.3%
5-YR NOTE	0	0	0.0%	19,159,722	16,698,051	14.74%	0	0	0.0%	185,899,851	155,324,194	19.7%
5Y YIELD	0	-	-	4,575	-	-	0	-	-	20,453	-	-
7-YR Eris LIBOR	0	0	0.0%	1,574	1,558	1.03%	0	0	0.0%	18,231	15,570	17.1%
7-YR Eris SOFR	0	-	-	21	-	-	0	-	-	199	-	-
BSBY 3-MONTH FUTURES	0	-	-	23,037	-	-	0	-	-	457,232	-	-

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Interest Rate Futures												
EURODOLLARS	640,248	458,766	39.6%	24,752,682	47,236,655	-47.60%	5,694,919	2,923,737	94.8%	286,560,837	345,342,875	-17.0%
FED FUND	0	0	0.0%	6,822,486	1,425,046	378.76%	0	0	0.0%	50,809,020	13,153,764	286.3%
SOFR	102,323	0	0.0%	35,035,620	2,227,725	1,472.71%	247,155	0	0.0%	208,878,549	16,153,370	1,193.1%
SONIA	0	0	0.0%	57	39,416	-99.86%	0	0	0.0%	1,293	721,103	-99.8%
TIIE	0	0	0.0%	69	30	130.00%	0	0	0.0%	657	83	691.6%
Ultra 10-Year Note	0	0	0.0%	5,086,634	5,917,131	-14.04%	0	0	0.0%	54,412,743	50,853,023	7.0%
ULTRA T-BOND	0	0	0.0%	2,753,648	3,163,075	-12.94%	0	0	0.0%	31,342,442	31,357,284	0.0%
Interest Rate Options												
10-YR NOTE	0	0	0.0%	12,574,897	11,075,779	13.54%	0	0	0.0%	93,945,074	93,964,257	0.0%
2-YR NOTE	0	0	0.0%	133,141	329	40,368.39%	0	0	0.0%	298,458	91,828	225.0%
30-YR BOND	0	0	0.0%	1,945,456	2,788,342	-30.23%	0	0	0.0%	17,290,456	19,471,834	-11.2%
5-YR NOTE	0	0	0.0%	5,148,042	3,210,283	60.36%	0	0	0.0%	35,808,677	22,488,836	59.2%
EURODOLLARS	4,115,267	1,968,851	109.0%	2,024,872	900,231	124.93%	62,174,164	18,593,320	234.4%	25,202,847	9,555,775	163.7%
EURO MIDCURVE	1,793,909	11,625,643	-84.6%	985,794	5,097,688	-80.66%	37,148,425	74,595,841	-50.2%	19,041,921	37,626,480	-49.4%
FED FUND	0	0	0.0%	1	0	0.00%	0	0	0.0%	45	0	0.0%
SOFR	4,029,357	0	0.0%	1,887,479	1	188,747,800.00%	11,592,734	7,000	165,510.5%	4,702,023	1,292	363,833.7%
SOFR MIDCURVE	868,663	0	0.0%	331,395	10	3,313,850.00%	3,503,538	0	0.0%	1,248,751	60	2,081,151.7%
Ultra 10-Year Note	0	0	0.0%	6	46	-86.96%	0	0	0.0%	747	46	1,523.9%
ULTRA T-BOND	0	0	0.0%	1,074	520	106.54%	0	0	0.0%	18,212	4,074	347.0%
Equity Index Futures												
BITCOIN	0	0	0.0%	232,248	149,982	54.85%	0	0	0.0%	1,387,581	1,579,300	-12.1%
DJ US REAL ESTATE	0	0	0.0%	29,322	23,138	26.73%	0	0	0.0%	242,333	217,218	11.6%
E-mini (\$5) Dow	0	0	0.0%	3,315,716	3,238,884	2.37%	0	0	0.0%	30,571,619	25,458,178	20.1%
E-MINI COM SERVICES SELEC	0	0	0.0%	1,589	1,042	52.50%	0	0	0.0%	23,275	19,219	21.1%
E-mini FTSE China 50	0	0	0.0%	177	116	52.59%	0	0	0.0%	6,841	136	4,930.1%
E-MINI MIDCAP	0	0	0.0%	236,287	214,019	10.40%	0	0	0.0%	2,358,229	1,757,740	34.2%
E-MINI NASDAQ 100	0	0	0.0%	12,248,436	10,489,739	16.77%	0	0	0.0%	101,410,831	78,802,029	28.7%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Equity Index Futures												
E-MINI RUSSELL 1000	0	0	0.0%	1,556	2,470	-37.00%	0	0	0.0%	22,087	28,468	-22.4%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,400	1,392	0.57%	0	0	0.0%	33,981	19,619	73.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	2,523	3,263	-22.68%	0	0	0.0%	57,763	57,890	-0.2%
E-MINI RUSSELL 2000	0	0	0.0%	3,584,594	3,709,654	-3.37%	0	0	0.0%	34,885,488	28,314,786	23.2%
E-MINI S&P500	0	0	0.0%	33,869,951	28,529,756	18.72%	0	0	0.0%	275,965,459	232,221,696	18.8%
E-MINI S&P500 ESG	0	0	0.0%	10,235	8,799	16.32%	0	0	0.0%	177,910	91,933	93.5%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	1,971	1,643	19.96%	0	0	0.0%	29,140	27,931	4.3%
ETHER FUTURES	0	0	0.0%	157,971	70,265	124.82%	0	0	0.0%	886,787	334,632	165.0%
FT-SE 100	0	0	0.0%	105	12	775.00%	0	0	0.0%	1,244	191	551.3%
FTSE Emerging	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	0	0	0.0%	45	87	-48.28%	0	0	0.0%	445	1,248	-64.3%
MICRO BITCOIN	0	0	0.0%	258,348	368,866	-29.96%	0	0	0.0%	2,563,493	1,427,761	79.5%
MICRO E-MINI NASDAQ 100	0	0	0.0%	26,864,939	17,548,126	53.09%	0	0	0.0%	222,415,979	138,366,361	60.7%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,933,174	2,807,815	-31.15%	0	0	0.0%	21,551,049	22,074,823	-2.4%
MICRO E-MINI S&P500	0	0	0.0%	25,310,520	14,690,072	72.30%	0	0	0.0%	196,104,435	127,995,713	53.2%
MICRO ETHER	0	-	-	513,186	-	-	0	-	-	3,017,295	-	-
MICRO MINI \$5 DOW	0	0	0.0%	3,031,530	2,370,760	27.87%	0	0	0.0%	29,191,456	18,499,459	57.8%
NASDAQ-100 VOLATILITY	0	0	0.0%	647	7	9,142.86%	0	0	0.0%	18,341	56	32,651.8%
NASDAQ BIOTECH	0	0	0.0%	65	599	-89.15%	0	0	0.0%	1,269	4,347	-70.8%
Nearby BTIC+	0	0	0.0%	600	50	1,100.00%	0	0	0.0%	4,150	356	1,065.7%
NIKKEI 225 (\$) STOCK	0	0	0.0%	72,299	93,655	-22.80%	0	0	0.0%	852,109	872,974	-2.4%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	598,710	597,165	0.26%	0	0	0.0%	5,710,344	4,476,650	27.6%
S&P 500	0	0	0.0%	14	53	-73.58%	0	0	0.0%	1,817	11,751	-84.5%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	28,071	14,901	88.38%	0	0	0.0%	217,536	109,291	99.0%
S&P 500/GI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	4,656	177	2,530.51%	0	0	0.0%	9,861	724	1,262.0%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	5,474	5,654	-3.18%	0	0	0.0%	50,137	70,048	-28.4%
S&P CONSUMER STAPLES SE	0	0	0.0%	8,014	11,400	-29.70%	0	0	0.0%	110,000	118,136	-6.9%
S&P ENERGY SECTOR	0	0	0.0%	38,824	15,448	151.32%	0	0	0.0%	321,184	192,270	67.0%
S&P FINANCIAL SECTOR	0	0	0.0%	10,661	18,068	-41.00%	0	0	0.0%	175,592	238,004	-26.2%
S&P HEALTH CARE SECTOR	0	0	0.0%	8,976	9,353	-4.03%	0	0	0.0%	135,123	99,690	35.5%
S&P INDUSTRIAL SECTOR	0	0	0.0%	7,889	8,528	-7.49%	0	0	0.0%	94,767	76,039	24.6%
S&P MATERIALS SECTOR	0	0	0.0%	5,675	6,115	-7.20%	0	0	0.0%	56,258	61,655	-8.8%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Equity Index Futures												
S&P TECHNOLOGY SECTOR	0	0	0.0%	9,019	6,055	48.95%	0	0	0.0%	131,329	81,371	61.4%
S&P UTILITIES SECTOR	0	0	0.0%	10,132	8,591	17.94%	0	0	0.0%	118,965	101,401	17.3%
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	0	0.0%	11	59	-81.36%	0	0	0.0%	567	858	-33.9%
YEN DENOMINATED TOPIX	0	0	0.0%	87	2,114	-95.88%	0	0	0.0%	15,638	9,837	59.0%
Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	1,205	876	37.56%	0	0	0.0%	9,551	8,208	16.4%
E-mini (\$5) Dow	0	0	0.0%	1,739	659	163.88%	0	0	0.0%	16,246	10,145	60.1%
E-MINI NASDAQ 100	0	0	0.0%	873,401	638,607	36.77%	0	0	0.0%	6,968,563	3,768,585	84.9%
E-mini Russell 2000	0	0	0.0%	79,903	124,637	-35.89%	0	0	0.0%	784,897	597,686	31.3%
E-MINI RUSSELL 2000	0	0	0.0%	13,435	18,850	-28.73%	0	0	0.0%	226,643	194,373	16.6%
E-mini S&P 500	0	0	0.0%	8,952,544	7,738,345	15.69%	0	0	0.0%	77,093,057	46,330,748	66.4%
E-MINI S&P500	0	0	0.0%	8,654,843	5,448,176	58.86%	0	0	0.0%	70,577,682	39,755,365	77.5%
EOM S&P 500	0	0	0.0%	0	592	-100.00%	0	0	0.0%	0	2,156	-100.0%
MICRO BITCOIN	0	-	-	14,300	-		0	-	-	39,309	-	-
Micro E-mini Nasdaq-100	0	0	0.0%	29,548	33,444	-11.65%	0	0	0.0%	322,152	177,979	81.0%
MICRO E-MINI NASDAQ 100	0	0	0.0%	5,547	3,731	48.67%	0	0	0.0%	87,472	36,003	143.0%
Micro E-mini S&P 500	0	0	0.0%	176,738	163,542	8.07%	0	0	0.0%	1,667,913	977,733	70.6%
MICRO ETHER	0	-	-	27,582	-		0	-	-	47,619	-	-
S&P 500	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	200	-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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Metals Futures												
ALUMINUM	0	0	0.0%	53,282	15,311	248.00%	0	0	0.0%	173,726	67,084	159.0%
COBALT METAL FUTURES	0	0	0.0%	2	0	0.00%	0	0	0.0%	13	12	8.3%
COMEX COPPER	0	0	0.0%	1,646,696	1,810,301	-9.04%	0	0	0.0%	11,947,871	16,004,085	-25.3%
COMEX E-Mini GOLD	0	0	0.0%	27,969	23,068	21.25%	0	0	0.0%	215,600	160,761	34.1%
COMEX E-Mini SILVER	0	0	0.0%	3,132	3,938	-20.47%	0	0	0.0%	27,229	48,701	-44.1%
COMEX GOLD	0	0	0.0%	5,247,565	5,512,929	-4.81%	0	0	0.0%	32,786,930	36,528,398	-10.2%
COMEX MINY COPPER	0	0	0.0%	3,019	3,970	-23.95%	0	0	0.0%	25,306	28,506	-11.2%
COMEX SILVER	0	0	0.0%	1,184,290	1,245,296	-4.90%	0	0	0.0%	9,655,036	12,537,507	-23.0%
COPPER	0	0	0.0%	76,805	0	0.00%	0	0	0.0%	207,136	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	79	407	-80.59%	0	0	0.0%	3,080	5,887	-47.7%
GOLD	0	0	0.0%	1,159	9,578	-87.90%	0	0	0.0%	52,566	33,309	57.8%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	403	207	94.69%	0	0	0.0%	4,286	1,091	292.9%
IRON ORE 62 CHINA TSI FUTU	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE CHINA	0	0	0.0%	0	10	-100.00%	0	0	0.0%	0	14	-100.0%
METALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	51	0	0.0%
MICRO GOLD	0	0	0.0%	881,738	1,107,149	-20.36%	0	0	0.0%	7,768,603	8,872,389	-12.4%
NYMEX HOT ROLLED STEEL	0	0	0.0%	3,854	2,924	31.81%	0	0	0.0%	33,140	31,199	6.2%
NYMEX PLATINUM	0	0	0.0%	303,383	289,021	4.97%	0	0	0.0%	2,786,045	2,474,184	12.6%
PALLADIUM	0	0	0.0%	31,966	33,322	-4.07%	0	0	0.0%	309,158	303,407	1.9%
SILVER	0	0	0.0%	122,752	152,383	-19.45%	0	0	0.0%	1,134,190	1,587,699	-28.6%
URANIUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	24	465	-94.8%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Metals Options												
ALUMINUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COMEX COPPER	0	0	0.0%	56,020	44,067	27.12%	0	0	0.0%	404,507	292,227	38.4%
COMEX GOLD	0	0	0.0%	709,604	451,202	57.27%	0	0	0.0%	5,345,702	4,172,021	28.1%
COMEX SILVER	0	0	0.0%	82,024	113,666	-27.84%	0	0	0.0%	696,538	1,071,757	-35.0%
COPPER	0	0	0.0%	3,722	18	20,577.78%	0	0	0.0%	8,192	124	6,506.5%
GOLD	0	0	0.0%	209,195	144,584	44.69%	0	0	0.0%	1,461,291	1,125,367	29.9%
HOT ROLLED COIL STEEL CAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL PUT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI CALL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI PUT O	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE CHINA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX HOT ROLLED STEEL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX PLATINUM	0	0	0.0%	242	372	-34.95%	0	0	0.0%	3,802	3,758	1.2%
PALLADIUM	0	0	0.0%	7	40	-82.50%	0	0	0.0%	111	654	-83.0%
SILVER	0	0	0.0%	15,489	12,315	25.77%	0	0	0.0%	123,780	64,841	90.9%
Energy Futures												
3.5% FUEL OIL CID MED SWA	-	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%
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	0.00%	-	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%	1,303,384	1,938,981	-32.78%	0	0	0.0%	10,475,191	14,216,045	-26.3%
CAR VINTAGE	0	0	0.0%	15,332	99	15,386.87%	0	0	0.0%	37,338	340	10,881.8%
CHICAGO ETHANOL SWAP	0	0	0.0%	139	2	6,850.00%	0	0	0.0%	1,052	780	34.9%
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%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Energy Futures												
CIG BASIS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW D AH PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME O P	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
COLUMB GULF MAINLINE NG B	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CONWAY NATURAL GASOLINE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY NORMAL BUTANE (O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY PROPANE 5 DECIMA	0	0	0.0%	14	0	0.00%	0	0	0.0%	74	24	208.3%
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%	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%	18,395,482	20,631,097	-10.84%	0	0	0.0%	143,141,550	143,434,094	-0.2%
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	0.00%	-	0	0.0%	-	0	0.0%
DATED TO FRONTLINE BRENT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DIESEL 10P BRG FOB RDM VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DOMINION TRANSMISSION INC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL BALMO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DUBAI CRUDE OIL CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DUTCH TTF NATURAL GAS CA	0	0	0.0%	21	30,032	-99.93%	0	0	0.0%	10,828	333,172	-96.8%
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	1	-100.0%
ELEC FINSETTLED	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%
EMMISSIONS	0	-	-	3,695	-		0	-	-	9,527	-	-
ETHANOL	0	0	0.0%	0	2	-100.00%	0	0	0.0%	0	262	-100.0%
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 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	0.00%	-	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%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Energy Futures												
EUROPE 1% FUEL OIL RDAM C	-	0	0.0%	-	0	0.00%	-	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%	280	74	278.38%	0	0	0.0%	2,367	342	592.1%
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	0.00%	-	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 0.1CIF MED VS ICE	0	0	0.0%	0	0	0.00%	0	0	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	0.00%	-	0	0.0%	-	0	0.0%
GASOIL CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL CRACK SPREAD CALE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL MINI CALENDAR SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GERMAN POWER BASELOAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	48	-100.0%
GROUP THREE UNLEAD GAS (-	0	0.0%	-	0	0.00%	-	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	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%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Energy Futures												
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%	2,818,153	2,517,669	11.94%	0	0	0.0%	22,880,984	19,936,745	14.8%
HENRY HUB BASIS SWAP	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
HENRY HUB SWAP	0	0	0.0%	2	0	0.00%	0	0	0.0%	1,242	31	3,906.5%
HOUSTON SHIP CHANNEL BAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HTG OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ICE GASOIL BALMO SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
INDIANA MISO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL 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 CIF NWE VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JET FUEL UP-DOWN BALMO C	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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	0.00%	-	0	0.0%	-	0	0.0%
LTD NAT GAS	0	0	0.0%	185,557	233,769	-20.62%	0	0	0.0%	1,741,955	1,502,957	15.9%
MARS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI TRD M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS BLEND CRUDE OIL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	692	868	-20.28%	0	0	0.0%	5,617	16,675	-66.3%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	81	-100.0%
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	0.00%	-	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%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Energy Futures												
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%	11	6	83.33%	0	0	0.0%	57	44	29.5%
MINY NATURAL GAS	0	0	0.0%	314,192	118,892	164.27%	0	0	0.0%	2,242,863	761,503	194.5%
MINY RBOB GAS	0	0	0.0%	7	8	-12.50%	0	0	0.0%	60	63	-4.8%
MINY WTI CRUDE OIL	0	0	0.0%	654,834	482,048	35.84%	0	0	0.0%	4,402,719	2,898,716	51.9%
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	70	-57.14%	0	0	0.0%	265	220	20.5%
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%	29	53	-45.28%	0	0	0.0%	167	172	-2.9%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	43	0	0.00%	0	0	0.0%	43	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%
NATURAL GAS	0	0	0.0%	31,543	70,603	-55.32%	0	0	0.0%	332,554	314,609	5.7%
NATURAL GAS PEN SWP	0	0	0.0%	0	7	-100.00%	0	0	0.0%	0	106	-100.0%
NATURAL GAS PHY	0	0	0.0%	5,707,518	7,075,061	-19.33%	0	0	0.0%	52,198,481	53,621,672	-2.7%
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	0.00%	-	0	0.0%	-	0	0.0%
NEPOOL NE MASS 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	0.00%	-	0	0.0%	-	0	0.0%
NGPL TEX/OK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
N ILLINOIS HUB DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NORTHWEST ROCKIES BASIS	-	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 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	5	-100.00%	0	0	0.0%	31	21	47.6%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Energy Futures												
NY HARBOR LOW SULPUR GA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYH NO 2 CRACK SPREAD CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
NYISO ZONE J 5MW D AH PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYMEX ALUMINUM FUTURES	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYMEX ULSD VS NYMEX HO	-	0	0.0%	-	0	0.00%	-	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%
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	0.00%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO 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 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	0.00%	-	0	0.0%	-	0	0.0%
PJM DAYTON DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM MONTHLY	-	0	0.0%	-	0	0.00%	-	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 PECO ZONE5MW PEAK C	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM PSEG DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM PSEG DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM WESTH DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM WESTHDA PEAK	-	0	0.0%	-	0	0.00%	-	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%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Energy Futures												
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%
PROPANE NON-LDH MB (OPIS)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MT. BEL (0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CRACK SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CRACK SPREAD BALMO	0	-	-	0	-		0	-	-	0	-	-
RBOB GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB GASOLINE BALMO CLNC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	2,850,417	3,405,214	-16.29%	0	0	0.0%	25,106,777	26,282,504	-4.5%
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	0.00%	-	0	0.0%	-	0	0.0%
SINGAPORE 180CST BALMO	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
SINGAPORE FUEL OIL 180 CS	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	0.00%	-	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%
Sumas Basis Swap	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TC2 ROTTERDAM TO USAC 37	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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	0.00%	-	0	0.0%	-	0	0.0%
TD3 MEG TO JAPAN 250K MT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Energy Futures												
TRANSCO ZONE4 BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
UK NBP NAT GAS CAL MTH FU	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2,535	-100.0%
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	0.00%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP	-	0	0.0%	-	0	0.00%	-	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%
Energy Options												
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%	4,823	2,655	81.66%	0	0	0.0%	17,155	23,183	-26.0%
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%	1,160	0	0.00%	0	0	0.0%	30,711	42,180	-27.2%
CRUDE OIL APO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL CALNDR STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	0	0	0.0%	1,685,108	2,302,534	-26.82%	0	0	0.0%	14,946,677	13,148,303	13.7%
ELEC FINSETTLED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	0	-	-	0	-	-	0	-	-	0	-	-
HEATING OIL CRK SPD AVG P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	0	0.0%	1,468	2,697	-45.57%	0	0	0.0%	17,496	12,623	38.6%
HENRY HUB FINANCIAL LAST	0	0	0.0%	20	0	0.00%	0	0	0.0%	106	40	165.0%
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	0.00%	-	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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Energy Options												
NATURAL GAS	0	-	-	17	-		0	-	-	3,581	-	-
NATURAL GAS 1 M CSO FIN	0	0	0.0%	300	0	0.00%	0	0	0.0%	5,200	4,250	22.4%
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%	400	0	0.00%	0	0	0.0%	800	200	300.0%
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%	885,033	1,316,343	-32.77%	0	0	0.0%	7,383,241	8,375,271	-11.8%
NATURAL GAS SUMMER STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS WINTER STRIP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
N ROCKIES PIPE SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	211	80	163.75%	0	0	0.0%	950	560	69.6%
PETROCHEMICALS	0	0	0.0%	0	5	-100.00%	0	0	0.0%	11	60	-81.7%
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	-	-
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	938	2,245	-58.22%	0	0	0.0%	7,516	16,173	-53.5%
SAN JUAN PIPE SWAP	-	0	0.0%	-	0	0.00%	-	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%	3,615	0	0.00%	0	0	0.0%	7,970	7,100	12.3%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	0	0.00%	0	0	0.0%	271	900	-69.9%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	21	12	75.00%	0	0	0.0%	335	146	129.5%
AD/JY CROSS RATES	0	0	0.0%	2,944	2,185	34.74%	0	0	0.0%	35,336	15,098	134.0%
AD/NE CROSS RATES	0	0	0.0%	1,843	299	516.39%	0	0	0.0%	12,520	1,286	873.6%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
FX Futures												
AUSTRALIAN DOLLAR	0	0	0.0%	1,974,111	1,714,171	15.16%	0	0	0.0%	14,246,888	14,666,222	-2.9%
BP/JY CROSS RATES	0	0	0.0%	2,344	2,856	-17.93%	0	0	0.0%	25,369	17,147	48.0%
BP/SF CROSS RATES	0	0	0.0%	644	628	2.55%	0	0	0.0%	12,481	4,239	194.4%
BRAZIL REAL	0	0	0.0%	239,413	285,946	-16.27%	0	0	0.0%	2,001,449	1,650,831	21.2%
BRITISH POUND	0	0	0.0%	2,270,450	2,095,599	8.34%	0	0	0.0%	16,115,825	13,807,127	16.7%
CANADIAN DOLLAR	0	0	0.0%	1,881,790	1,677,630	12.17%	0	0	0.0%	12,529,657	11,555,364	8.4%
CD/JY CROSS RATES	0	0	0.0%	4	550	-99.27%	0	0	0.0%	269	1,111	-75.8%
CHINESE RENMINBI (CNH)	0	0	0.0%	19,787	15,752	25.62%	0	0	0.0%	179,050	114,431	56.5%
CZECK KORUNA (EC)	0	0	0.0%	1	0	0.00%	0	0	0.0%	19	2	850.0%
CZECK KORUNA (US)	0	0	0.0%	0	0	0.00%	0	0	0.0%	18	5	260.0%
EC/AD CROSS RATES	0	0	0.0%	3,075	2,085	47.48%	0	0	0.0%	35,607	31,780	12.0%
EC/CD CROSS RATES	0	0	0.0%	7,080	3,340	111.98%	0	0	0.0%	58,446	46,666	25.2%
EC/NOK CROSS RATES	0	0	0.0%	893	204	337.75%	0	0	0.0%	8,462	3,970	113.1%
EC/SEK CROSS RATES	0	0	0.0%	3,799	158	2,304.43%	0	0	0.0%	14,844	4,273	247.4%
EFX/BP CROSS RATES	0	0	0.0%	68,235	34,001	100.69%	0	0	0.0%	630,417	372,564	69.2%
EFX/JY CROSS RATES	0	0	0.0%	37,738	30,890	22.17%	0	0	0.0%	392,516	261,476	50.1%
EFX/SF CROSS RATES	0	0	0.0%	21,903	15,255	43.58%	0	0	0.0%	291,567	146,683	98.8%
E-MICRO USD/CAD	0	0	0.0%	93	152	-38.82%	0	0	0.0%	1,685	152	1,008.6%
E-MICRO USD/CHF	0	0	0.0%	42	12	250.00%	0	0	0.0%	611	12	4,991.7%
E-MICRO USD/JPY	0	-	-	43,924	-		0	-	-	145,933	-	-
E-MINI EURO FX	0	0	0.0%	170,072	98,475	72.71%	0	0	0.0%	975,945	915,937	6.6%
E-MINI JAPANESE YEN	0	0	0.0%	10,410	8,093	28.63%	0	0	0.0%	65,527	62,814	4.3%
EURO FX	0	0	0.0%	4,778,238	3,518,937	35.79%	0	0	0.0%	32,541,298	28,351,463	14.8%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	1	3	-66.67%	0	0	0.0%	36	126	-71.4%
INDIAN RUPEE	0	0	0.0%	32,225	12,248	163.10%	0	0	0.0%	152,361	97,831	55.7%
JAPANESE YEN	0	0	0.0%	3,067,665	2,026,412	51.38%	0	0	0.0%	20,449,985	15,104,753	35.4%
KOREAN WON	0	0	0.0%	198	484	-59.09%	0	0	0.0%	2,423	10,568	-77.1%
MEXICAN PESO	0	0	0.0%	1,042,225	919,563	13.34%	0	0	0.0%	7,867,106	7,685,231	2.4%
MICRO AUD/USD	0	0	0.0%	214,442	173,153	23.85%	0	0	0.0%	1,836,182	1,519,514	20.8%
MICRO CAD/USD	0	0	0.0%	56,198	68,287	-17.70%	0	0	0.0%	408,439	377,024	8.3%
MICRO CHF/USD	0	0	0.0%	25,519	6,375	300.30%	0	0	0.0%	114,304	62,823	81.9%
MICRO EUR/USD	0	0	0.0%	922,829	500,309	84.45%	0	0	0.0%	5,141,312	3,537,619	45.3%
MICRO GBP/USD	0	0	0.0%	111,230	86,051	29.26%	0	0	0.0%	675,131	513,049	31.6%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
FX Futures												
MICRO INR/USD	0	0	0.0%	513	1,427	-64.05%	0	0	0.0%	5,397	13,651	-60.5%
MICRO JPY/USD	0	0	0.0%	0	38,550	-100.00%	0	0	0.0%	101,719	228,712	-55.5%
MICRO USD/CNH	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	36	-94.4%
NEW ZEALND DOLLAR	0	0	0.0%	568,138	588,728	-3.50%	0	0	0.0%	4,138,506	4,162,660	-0.6%
NKR/USD CROSS RATE	0	0	0.0%	1,473	4,527	-67.46%	0	0	0.0%	20,755	33,296	-37.7%
POLISH ZLOTY (EC)	0	0	0.0%	13	35	-62.86%	0	0	0.0%	990	936	5.8%
POLISH ZLOTY (US)	0	0	0.0%	1,122	498	125.30%	0	0	0.0%	9,542	6,221	53.4%
RMB USD	0	0	0.0%	5	0	0.00%	0	0	0.0%	15	2	650.0%
RUSSIAN RUBLE	0	0	0.0%	108	83,005	-99.87%	0	0	0.0%	576,666	683,399	-15.6%
S.AFRICAN RAND	0	0	0.0%	92,034	38,625	138.28%	0	0	0.0%	656,432	362,066	81.3%
SF/JY CROSS RATES	0	0	0.0%	732	33	2,118.18%	0	0	0.0%	4,115	177	2,224.9%
SHEKEL	0	0	0.0%	18	0	0.00%	0	0	0.0%	98	15	553.3%
SKR/USD CROSS RATES	0	0	0.0%	3,809	2,915	30.67%	0	0	0.0%	43,162	30,750	40.4%
SWISS FRANC	0	0	0.0%	547,475	472,960	15.76%	0	0	0.0%	3,681,493	3,382,897	8.8%
TURKISH LIRA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	8	-100.0%
USDZAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	31	60	-48.3%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	29	99	-70.71%	0	0	0.0%	1,698	2,425	-30.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	38	839	-95.47%	0	0	0.0%	3,091	2,629	17.6%
AUD/USD MONDAY OPTION W	0	0	0.0%	8	298	-97.32%	0	0	0.0%	1,994	2,685	-25.7%
AUD/USD MONDAY OPTION W	0	0	0.0%	488	312	56.41%	0	0	0.0%	2,789	3,012	-7.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	779	23	3,287.0%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	64,682	56,178	15.14%	0	0	0.0%	488,576	323,348	51.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	33	381	-91.34%	0	0	0.0%	2,979	3,997	-25.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	378	917	-58.78%	0	0	0.0%	11,214	10,659	5.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,350	2,076	13.20%	0	0	0.0%	15,638	18,089	-13.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,153	1,891	-39.03%	0	0	0.0%	10,316	20,763	-50.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,952	1,471	32.70%	0	0	0.0%	3,917	4,857	-19.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	35	878	-96.01%	0	0	0.0%	5,416	8,226	-34.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	284	1,057	-73.13%	0	0	0.0%	3,512	5,392	-34.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	111	236	-52.97%	0	0	0.0%	1,987	2,677	-25.8%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
FX Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	474	991	-52.17%	0	0	0.0%	4,147	7,330	-43.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	259	1,408	-81.6%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	286	477	-40.04%	0	0	0.0%	2,372	2,258	5.0%
CAD/USD MONDAY OPTIONS	0	0	0.0%	194	1,610	-87.95%	0	0	0.0%	1,288	5,961	-78.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	715	2,678	-73.30%	0	0	0.0%	8,490	9,424	-9.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,198	564	112.41%	0	0	0.0%	6,017	3,038	98.1%
CAD/USD MONDAY OPTIONS	0	0	0.0%	318	3,499	-90.91%	0	0	0.0%	5,303	10,213	-48.1%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,256	612	105.2%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	55,018	103,682	-46.94%	0	0	0.0%	430,525	426,483	0.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	14	889	-98.43%	0	0	0.0%	7,674	14,977	-48.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,703	3,889	-56.21%	0	0	0.0%	24,219	30,573	-20.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	7,347	9,367	-21.57%	0	0	0.0%	39,900	47,106	-15.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,207	8,889	-75.17%	0	0	0.0%	31,922	48,388	-34.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,541	5,593	-0.93%	0	0	0.0%	9,867	15,578	-36.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	370	3,218	-88.50%	0	0	0.0%	6,230	9,327	-33.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,990	4,096	-51.42%	0	0	0.0%	8,587	12,060	-28.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	887	2,234	-60.30%	0	0	0.0%	10,147	10,816	-6.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,191	2,554	-53.37%	0	0	0.0%	13,162	11,363	15.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	4,112	3,241	26.9%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	4,228	3,720	13.66%	0	0	0.0%	33,709	32,798	2.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	2	4	-50.00%	0	0	0.0%	575	218	163.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1	227	-99.56%	0	0	0.0%	835	1,775	-53.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	393	186	111.29%	0	0	0.0%	859	1,413	-39.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	47	65	-27.69%	0	0	0.0%	997	2,294	-56.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	68	166	-59.04%	0	0	0.0%	82	238	-65.5%
EUR/GBP MONTHLY OPTIONS	0	-	-	0	-		0	-	-	204	-	-
EUR/GBP WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,184	8,475	-86.03%	0	0	0.0%	11,438	15,049	-24.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	855	699	22.32%	0	0	0.0%	18,364	11,629	57.9%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,634	1,616	1.11%	0	0	0.0%	7,412	8,200	-9.6%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,417	5,007	-71.70%	0	0	0.0%	19,426	17,937	8.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,856	1,587	80.0%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	262,664	203,019	29.38%	0	0	0.0%	1,605,650	1,432,913	12.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	321	1,584	-79.73%	0	0	0.0%	36,007	30,334	18.7%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
FX Options												
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,298	4,437	-3.13%	0	0	0.0%	104,483	91,358	14.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	13,093	20,276	-35.43%	0	0	0.0%	110,682	138,954	-20.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	15,353	20,412	-24.78%	0	0	0.0%	132,173	125,597	5.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	22,562	24,596	-8.27%	0	0	0.0%	43,204	58,205	-25.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,755	7,693	-12.19%	0	0	0.0%	41,248	46,610	-11.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,579	11,823	-35.90%	0	0	0.0%	36,262	52,891	-31.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,632	6,927	-33.13%	0	0	0.0%	37,845	49,820	-24.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,215	14,255	-49.39%	0	0	0.0%	41,158	63,661	-35.3%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	13,048	12,636	3.3%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,141	1,887	-39.53%	0	0	0.0%	4,136	3,127	32.3%
GBP/USD MONDAY OPTION W	0	0	0.0%	620	799	-22.40%	0	0	0.0%	7,323	4,382	67.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	82	227	-63.88%	0	0	0.0%	2,082	1,707	22.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	848	1,088	-22.06%	0	0	0.0%	3,881	2,775	39.9%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	361	400	-9.8%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	75,740	88,791	-14.70%	0	0	0.0%	493,619	523,109	-5.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	15	1,408	-98.93%	0	0	0.0%	4,286	8,106	-47.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,567	2,867	-45.34%	0	0	0.0%	14,393	16,646	-13.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,615	4,233	-38.22%	0	0	0.0%	19,264	20,825	-7.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	787	5,630	-86.02%	0	0	0.0%	15,447	25,522	-39.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,458	3,793	-61.56%	0	0	0.0%	5,566	7,912	-29.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,389	1,250	11.12%	0	0	0.0%	9,206	8,737	5.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	483	1,083	-55.40%	0	0	0.0%	3,510	5,162	-32.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	244	653	-62.63%	0	0	0.0%	7,213	4,788	50.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,881	894	110.40%	0	0	0.0%	6,371	7,514	-15.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	481	1,901	-74.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	767	710	8.03%	0	0	0.0%	2,897	3,096	-6.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	238	805	-70.43%	0	0	0.0%	6,030	2,914	106.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	352	776	-54.64%	0	0	0.0%	2,000	2,602	-23.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,005	269	273.61%	0	0	0.0%	7,141	1,293	452.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.00%	0	0	0.0%	51	313	-83.7%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	95,115	93,792	1.41%	0	0	0.0%	967,830	550,631	75.8%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	16	1,019	-98.43%	0	0	0.0%	23,956	20,917	14.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	2,669	1,287	107.38%	0	0	0.0%	57,013	35,846	59.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	10,954	13,305	-17.67%	0	0	0.0%	80,717	67,260	20.0%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
FX Options												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	12,294	9,076	35.46%	0	0	0.0%	74,776	57,830	29.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	12,191	8,447	44.32%	0	0	0.0%	27,899	25,004	11.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,094	3,004	36.28%	0	0	0.0%	23,573	17,300	36.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,191	6,684	-37.30%	0	0	0.0%	20,913	23,856	-12.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,766	6,640	-43.28%	0	0	0.0%	18,654	22,361	-16.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	7,037	3,319	112.02%	0	0	0.0%	28,729	19,539	47.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	7,555	5,541	36.3%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	89	636	-86.01%	0	0	0.0%	4,425	6,958	-36.4%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	17	604	-97.2%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	552	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	331	-100.0%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	3	494	-99.39%	0	0	0.0%	506	1,287	-60.7%
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-		0	-	-	0	-	-
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RUB/USD MONTHLY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	68	-100.0%
Ags Futures												
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	5	4	25.0%
Foreign Exchange Futures												
CHILEAN PESO	0	-	-	0	-		0	-	-	24	-	-
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	47	516	-90.89%	0	0	0.0%	2,945	4,034	-27.0%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	390	803	-51.43%	0	0	0.0%	1,908	4,803	-60.3%
BUTTER CS	0	0	0.0%	3,920	3,407	15.06%	0	0	0.0%	30,390	28,413	7.0%
CASH-SETTLED CHEESE	0	0	0.0%	10,256	11,765	-12.83%	0	0	0.0%	67,491	81,866	-17.6%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,143,406	1,200,957	-4.79%	0	0	0.0%	8,609,110	8,320,446	3.5%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	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%	1,786,428	2,262,045	-21.03%	0	0	0.0%	15,871,607	18,697,552	-15.1%
CLASS IV MILK	0	0	0.0%	3,122	787	296.70%	0	0	0.0%	17,449	5,633	209.8%
COFFEE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2	-100.0%
CORN	0	0	0.0%	5,799,842	5,373,284	7.94%	0	0	0.0%	47,702,112	54,943,560	-13.2%
COTTON	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	22	-100.0%
DOW-UBS COMMOD INDEX	0	0	0.0%	32,241	44,268	-27.17%	0	0	0.0%	336,402	368,297	-8.7%
DOW-UBS COMMOD INDEX SW	0	-	-	0	-		0	-	-	0	-	-
DRY WHEY	0	0	0.0%	820	1,346	-39.08%	0	0	0.0%	6,997	16,078	-56.5%
FEEDER CATTLE	0	0	0.0%	296,538	260,875	13.67%	0	0	0.0%	1,859,806	1,684,574	10.4%
FERTILIZER PRODUCS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	2,349	4,741	-50.45%	0	0	0.0%	20,816	72,879	-71.4%
GSCI EXCESS RETURN FUT	0	0	0.0%	30	0	0.00%	0	0	0.0%	52	101	-48.5%
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	-	-
HDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	970,407	1,017,114	-4.59%	0	0	0.0%	6,814,903	7,047,089	-3.3%
HOUSING INDEX	0	0	0.0%	7	4	75.00%	0	0	0.0%	118	76	55.3%
Intercommodity Spread	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
KC WHEAT	0	0	0.0%	740,018	947,961	-21.94%	0	0	0.0%	6,471,819	7,627,666	-15.2%
LUMBER	0	0	0.0%	6,270	10,789	-41.89%	0	0	0.0%	54,530	75,166	-27.5%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	27,986	24,560	13.95%	0	0	0.0%	204,368	164,269	24.4%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Ag Products Futures												
MINI CORN	0	0	0.0%	48,794	53,188	-8.26%	0	0	0.0%	424,175	516,402	-17.9%
MINI SOYBEAN	0	0	0.0%	57,009	43,942	29.74%	0	0	0.0%	430,162	451,446	-4.7%
MINI WHEAT	0	0	0.0%	22,435	23,231	-3.43%	0	0	0.0%	191,700	149,777	28.0%
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%	5,012	4,455	12.50%	0	0	0.0%	42,445	38,637	9.9%
OATS	0	0	0.0%	5,083	11,307	-55.05%	0	0	0.0%	60,791	73,135	-16.9%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PORK CUTOUT	0	0	0.0%	1,761	1,484	18.67%	0	0	0.0%	17,216	20,813	-17.3%
ROUGH RICE	0	0	0.0%	10,009	8,912	12.31%	0	0	0.0%	122,374	107,709	13.6%
SOYBEAN	0	0	0.0%	3,283,177	3,171,718	3.51%	0	0	0.0%	28,706,371	31,555,585	-9.0%
SOYBEAN MEAL	0	0	0.0%	2,110,982	1,748,334	20.74%	0	0	0.0%	14,949,268	14,600,524	2.4%
SOYBEAN OIL	0	0	0.0%	2,301,255	2,232,228	3.09%	0	0	0.0%	15,774,698	19,489,865	-19.1%
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	0.00%	-	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%	0	3,245	-100.00%	0	0	0.0%	6,012	22,161	-72.9%
Ag Products Options												
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	212	0	0.00%	0	0	0.0%	212	0	0.0%
BLOCK CHEESE	0	0	0.0%	86	240	-64.17%	0	0	0.0%	2,457	2,310	6.4%
BUTTER CS	0	0	0.0%	1,243	761	63.34%	0	0	0.0%	9,184	15,200	-39.6%
CASH-SETTLED CHEESE	0	0	0.0%	4,960	4,691	5.73%	0	0	0.0%	44,663	52,707	-15.3%
CATTLE	0	0	0.0%	164,974	149,711	10.19%	0	0	0.0%	1,473,141	1,304,342	12.9%
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%	634,928	450,454	40.95%	0	0	0.0%	4,305,663	3,224,494	33.5%
CLASS IV MILK	0	0	0.0%	6,211	4,040	53.74%	0	0	0.0%	44,677	22,626	97.5%
CORN	0	0	0.0%	3,277,639	2,320,559	41.24%	0	0	0.0%	20,148,839	22,007,505	-8.4%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	14,652	18,260	-19.76%	0	0	0.0%	169,828	100,815	68.5%
DEC-DEC CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	1,337	-100.0%
DEC-JULY CORN CAL SPRD	0	0	0.0%	725	2,300	-68.48%	0	0	0.0%	7,832	2,400	226.3%
DEC-JULY WHEAT CAL SPRD	-	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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Ag Products Options												
DRY WHEY	0	0	0.0%	392	167	134.73%	0	0	0.0%	2,545	1,585	60.6%
FEEDER CATTLE	0	0	0.0%	37,123	18,130	104.76%	0	0	0.0%	243,205	149,504	62.7%
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%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	212,690	213,252	-0.26%	0	0	0.0%	1,580,586	1,426,001	10.8%
HOUSING INDEX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
Intercommodity Spread	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	271	-100.0%
JAN-MAR SOYBEAN CSO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JULY-DEC CORN CAL SPRD	0	0	0.0%	6,675	0	0.00%	0	0	0.0%	62,695	28,555	119.6%
JULY-DEC SOYMEAL CAL SPR	0	-	-	0	-		0	-	-	845	-	-
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,200	100	3,100.0%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	0	0.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	41,528	2,422	1,614.6%
KC WHEAT	0	0	0.0%	64,741	66,338	-2.41%	0	0	0.0%	547,683	389,366	40.7%
LUMBER	0	0	0.0%	291	585	-50.26%	0	0	0.0%	3,154	5,750	-45.1%
LV CATL CSO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	9,575	0	0.0%
MAR-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	150	0	0.0%
MILK	0	0	0.0%	33,800	19,618	72.29%	0	0	0.0%	144,935	177,446	-18.3%
MLK MID OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	45	11	309.1%
NFD MILK	0	0	0.0%	3,028	2,990	1.27%	0	0	0.0%	25,029	27,409	-8.7%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	600	0	0.0%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NOV-NOV SOYBEAN CAL SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
OATS	0	0	0.0%	142	943	-84.94%	0	0	0.0%	1,595	1,977	-19.3%
PORK CUTOUT	0	0	0.0%	0	1	-100.00%	0	0	0.0%	35	738	-95.3%
ROUGH RICE	0	0	0.0%	1,777	340	422.65%	0	0	0.0%	10,654	3,943	170.2%
SOYBEAN	0	0	0.0%	1,586,009	1,241,875	27.71%	0	0	0.0%	11,680,610	12,123,023	-3.6%
SOYBEAN CRUSH	0	0	0.0%	0	60	-100.00%	0	0	0.0%	151	1,071	-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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Ag Products Options												
SOYBEAN MEAL	0	0	0.0%	218,285	163,182	33.77%	0	0	0.0%	1,647,118	1,613,591	2.1%
SOYBEAN OIL	0	0	0.0%	293,746	209,323	40.33%	0	0	0.0%	1,726,970	2,198,293	-21.4%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	10	7,020	-99.86%	0	0	0.0%	19,573	17,121	14.3%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,100	0	0.0%
WHEAT	0	0	0.0%	6	599	-99.00%	0	0	0.0%	821	5,922	-86.1%
WHEAT-CORN ICSCO	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,720	831	107.0%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	845	1,758	-51.93%	0	0	0.0%	30,474	3,560	756.0%
TOTAL FUTURES GROUP												
Interest Rate Futures	742,571	458,766	61.9%	138,425,725	121,603,074	13.8%	5,942,074	2,923,737	103.2%	1,240,175,871	1,010,359,879	22.7%
Equity Index Futures	0	0	0.0%	112,415,647	85,027,892	32.2%	0	0	0.0%	930,929,707	683,821,794	36.1%
Metals Futures	0	0	0.0%	9,588,094	10,209,814	-6.1%	0	0	0.0%	67,129,990	78,684,698	-14.7%
Energy Futures	0	0	0.0%	32,281,375	36,504,560	-11.6%	0	0	0.0%	262,591,742	263,323,762	-0.3%
FX Futures	0	0	0.0%	18,226,826	14,531,418	25.4%	0	0	0.0%	126,208,278	109,844,223	14.9%
Ags Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	4	25.0%
Foreign Exchange Futures	0	-	-	0	-		0	-	-	24	-	-
Ag Products Futures	0	0	0.0%	18,669,547	18,466,750	1.1%	0	0	0.0%	148,795,090	166,164,546	-10.5%
TOTAL FUTURES	742,571	458,766	61.9%	329,607,214	286,343,508	15.1%	5,942,074	2,923,737	103.2%	2,775,830,707	2,312,198,906	20.1%
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	18,830,785	14,171,459	32.9%	0	0	0.0%	157,841,104	91,859,181	71.8%
Interest Rate Options	10,807,196	13,594,494	-20.5%	25,032,157	23,073,229	8.5%	114,418,861	93,196,161	22.8%	197,557,211	183,204,482	7.8%
Metals Options	0	0	0.0%	1,076,303	766,264	40.5%	0	0	0.0%	8,043,923	6,730,749	19.5%
Energy Options	0	0	0.0%	2,583,093	3,626,559	-28.8%	0	0	0.0%	22,421,685	21,630,843	3.7%
FX Options	0	0	0.0%	748,946	820,916	-8.8%	0	0	0.0%	5,419,721	4,783,771	13.3%
Ag Products Options	0	0	0.0%	6,565,190	4,897,197	34.1%	0	0	0.0%	43,993,094	44,912,226	-2.0%
Foreign Exchange Options	0	0	0.0%	47	516	-90.9%	0	0	0.0%	2,945	4,034	-27.0%
TOTAL OPTIONS	10,807,196	13,594,494	-20.5%	54,836,521	47,356,140	15.8%	114,418,861	93,196,161	22.8%	435,279,683	353,125,286	23.3%

*** 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 JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
TOTAL COMBINED												
Interest Rate	11,549,767	14,053,260	-17.8%	163,457,882	144,676,303	13.0%	120,360,935	96,119,898	25.2%	1,437,733,082	1,193,564,361	20.5%
Equity Index	0	0	0.0%	131,246,432	99,199,351	32.3%	0	0	0.0%	1,088,770,811	775,680,975	40.4%
Metals	0	0	0.0%	10,664,397	10,976,078	-2.8%	0	0	0.0%	75,173,913	85,415,447	-12.0%
Energy	0	0	0.0%	34,864,468	40,131,119	-13.1%	0	0	0.0%	285,013,427	284,954,605	0.0%
FX	0	0	0.0%	18,975,772	15,352,334	23.6%	0	0	0.0%	131,627,999	114,627,994	14.8%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	4	25.0%
Foreign Exchange	0	0	0.0%	47	516	-90.9%	0	0	0.0%	2,969	4,034	-26.4%
Ag Products	0	0	0.0%	25,234,737	23,363,947	8.0%	0	0	0.0%	192,788,184	211,076,772	-8.7%
GRAND TOTAL	11,549,767	14,053,260	-17.8%	384,443,735	333,699,648	15.2%	120,360,935	96,119,898	25.2%	3,211,110,390	2,665,324,192	20.5%

*** 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.