



CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Interest Rate Futures												
10-YR Eris LIBOR	0	0	0.0%	0	5,211	-100.00%	0	0	0.0%	4,082	42,063	-90.3%
10-YR Eris SOFR	0	0	0.0%	4,457	138	3,129.71%	0	0	0.0%	17,432	749	2,227.4%
10-YR MAC LIBOR	0	0	0.0%	0	15,394	-100.00%	0	0	0.0%	27,311	145,569	-81.2%
10-YR MAC SOFR	0	-	-	0	-		0	-	-	18	-	-
10-YR NOTE	0	0	0.0%	29,741,842	34,850,320	-14.66%	0	0	0.0%	348,835,376	346,078,730	0.8%
10Y YIELD	0	0	0.0%	128,674	129,061	-0.30%	0	0	0.0%	835,015	916,324	-8.9%
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%	0	8	-100.00%	0	0	0.0%	6	289	-97.9%
1-YR Eris BSBY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	1,600	-100.0%
1-YR Eris SOFR	0	0	0.0%	470	8,155	-94.24%	0	0	0.0%	27,097	200,685	-86.5%
20-YR BOND	0	0	0.0%	160	2,283	-92.99%	0	0	0.0%	3,671	30,282	-87.9%
20-YR Eris LIBOR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
2-YR Eris LIBOR	0	0	0.0%	0	2,238	-100.00%	0	0	0.0%	4,517	80,185	-94.4%
2-YR Eris SOFR	0	0	0.0%	4,268	3,118	36.88%	0	0	0.0%	28,697	92,039	-68.8%
2-YR NOTE	0	0	0.0%	10,350,754	11,416,056	-9.33%	0	0	0.0%	133,226,115	121,716,644	9.5%
2Y YIELD	0	0	0.0%	5,496	9,401	-41.54%	0	0	0.0%	58,907	70,057	-15.9%
30-Year UMBS TBA Futures - 2.5	0	-	-	50	-		0	-	-	1,005	-	-
30-Year UMBS TBA Futures - 3.0	0	-	-	1,075	-		0	-	-	3,577	-	-
30-Year UMBS TBA Futures - 3.5	0	-	-	1,251	-		0	-	-	4,112	-	-
30-Year UMBS TBA Futures - 4.0	0	-	-	1,402	-		0	-	-	5,098	-	-
30-Year UMBS TBA Futures - 4.5	0	-	-	1,486	-		0	-	-	10,156	-	-
30-Year UMBS TBA Futures - 5.0	0	-	-	1,889	-		0	-	-	12,546	-	-
30-Year UMBS TBA Futures - 5.5	0	-	-	2,566	-		0	-	-	9,223	-	-
30-Year UMBS TBA Futures - 6.0	0	-	-	2,596	-		0	-	-	7,143	-	-
30-YR BOND	0	0	0.0%	8,124,656	6,986,955	16.28%	0	0	0.0%	73,732,733	72,951,671	1.1%
30-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	185	-100.0%
30-YR MAC LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	304	-100.0%
30-YR SWAP RATE	0	-	-	0	-		0	-	-	0	-	-
30Y YIELD	0	0	0.0%	1,202	8,818	-86.37%	0	0	0.0%	8,983	90,501	-90.1%
3-YR Eris BSBY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	4	-100.0%
3-YR Eris LIBOR	0	0	0.0%	0	2,273	-100.00%	0	0	0.0%	3,771	51,451	-92.7%
3-YR Eris SOFR	0	0	0.0%	2,450	3,152	-22.27%	0	0	0.0%	18,899	28,839	-34.5%
3-YR NOTE	0	0	0.0%	114,168	320,772	-64.41%	0	0	0.0%	1,058,369	3,113,055	-66.0%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Interest Rate Futures												
4-YR Eris LIBOR	0	0	0.0%	0	1,464	-100.00%	0	0	0.0%	1,140	30,168	-96.2%
4-YR Eris SOFR	0	0	0.0%	918	535	71.59%	0	0	0.0%	6,868	5,484	25.2%
5-YR Eris LIBOR	0	0	0.0%	0	20,332	-100.00%	0	0	0.0%	21,264	212,590	-90.0%
5-YR Eris SOFR	0	0	0.0%	8,383	2,390	250.75%	0	0	0.0%	79,030	20,252	290.2%
5-YR MAC LIBOR	0	0	0.0%	0	41,845	-100.00%	0	0	0.0%	39,600	293,356	-86.5%
5-YR MAC SOFR	0	-	-	0	-	-	0	-	-	92	-	-
5-YR NOTE	0	0	0.0%	20,869,611	22,623,522	-7.75%	0	0	0.0%	265,158,486	242,015,726	9.6%
5Y YIELD	0	0	0.0%	15	483	-96.89%	0	0	0.0%	959	21,261	-95.5%
7-YR Eris LIBOR	0	0	0.0%	0	2,707	-100.00%	0	0	0.0%	2,242	23,513	-90.5%
7-YR Eris SOFR	0	0	0.0%	1,328	112	1,085.71%	0	0	0.0%	7,096	311	2,181.7%
BSBY 3-MONTH FUTURES	0	0	0.0%	441	22,242	-98.02%	0	0	0.0%	31,804	513,723	-93.8%
ESTR Basis Spread Futures	0	-	-	1,816	-	-	0	-	-	12,608	-	-
ESTR Futures	0	-	-	200,796	-	-	0	-	-	796,873	-	-
EURODOLLARS	0	809,604	-100.0%	0	26,337,559	-100.00%	258,492	6,831,929	-96.2%	27,895,109	339,361,109	-91.8%
FED FUND	0	0	0.0%	7,082,503	8,385,696	-15.54%	0	0	0.0%	87,054,427	65,319,897	33.3%
FTIIE	0	0	0.0%	32	124	-74.19%	0	0	0.0%	1,774	881	101.4%
SOFR	322,976	408,389	-20.9%	62,569,439	53,523,997	16.90%	5,868,157	794,234	638.8%	610,032,296	305,889,897	99.4%
SONIA	0	0	0.0%	48	0	0.00%	0	0	0.0%	257	1,293	-80.1%
UBSBM	0	-	-	440	-	-	0	-	-	440	-	-
Ultra 10-Year Note	0	0	0.0%	7,989,898	6,618,363	20.72%	0	0	0.0%	83,261,998	70,206,864	18.6%
ULTRA T-BOND	0	0	0.0%	4,727,745	3,836,252	23.24%	0	0	0.0%	49,956,507	41,987,647	19.0%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Interest Rate Options												
10-YR NOTE	0	0	0.0%	13,008,879	15,117,781	-13.95%	0	0	0.0%	123,783,311	121,626,146	1.8%
2-YR NOTE	0	0	0.0%	685,966	160,034	328.64%	0	0	0.0%	4,033,433	593,007	580.2%
30-YR BOND	0	0	0.0%	3,435,427	3,024,611	13.58%	0	0	0.0%	24,132,288	22,444,342	7.5%
5-YR NOTE	0	0	0.0%	4,884,371	5,457,245	-10.50%	0	0	0.0%	54,153,818	45,686,413	18.5%
EURODOLLARS	0	5,588,862	-100.0%	0	4,546,835	-100.00%	1,894,920	71,231,828	-97.3%	7,456,246	32,790,851	-77.3%
EURO MIDCURVE	0	1,497,258	-100.0%	0	899,079	-100.00%	396,228	40,250,077	-99.0%	201,525	20,885,158	-99.0%
FED FUND	0	0	0.0%	0	0	0.00%	0	0	0.0%	4	45	-91.1%
SOFR	10,187,155	8,989,587	13.3%	6,228,308	2,644,891	135.48%	167,739,164	26,480,285	533.4%	72,680,427	9,757,940	644.8%
SOFR MIDCURVE	4,176,482	2,985,624	39.9%	2,346,686	921,569	154.64%	39,077,342	8,289,961	371.4%	15,592,315	3,021,885	416.0%
SOFR MISCURVE	0	-	-	0	-	-	0	-	-	700	-	-
Ultra 10-Year Note	0	0	0.0%	533	4	13,225.00%	0	0	0.0%	7,959	751	959.8%
ULTRA T-BOND	0	0	0.0%	7,513	2,349	219.84%	0	0	0.0%	35,701	21,755	64.1%
Equity Index Futures												
BITCOIN	0	0	0.0%	180,488	263,861	-31.60%	0	0	0.0%	1,858,120	1,863,007	-0.3%
DJ US REAL ESTATE SECTOR	0	0	0.0%	53,824	51,399	4.72%	0	0	0.0%	287,833	319,444	-9.9%
E-mini (\$5) Dow	0	0	0.0%	3,666,438	4,310,073	-14.93%	0	0	0.0%	32,246,243	38,653,518	-16.6%
E-mini FTSE China 50	0	0	0.0%	0	101	-100.00%	0	0	0.0%	44	7,006	-99.4%
E-MINI MIDCAP	0	0	0.0%	320,701	426,371	-24.78%	0	0	0.0%	2,470,313	3,034,429	-18.6%
E-MINI NASDAQ 100	0	0	0.0%	13,948,359	17,618,900	-20.83%	0	0	0.0%	124,201,884	133,000,014	-6.6%
E-MINI RUSSELL 1000	0	0	0.0%	5,125	5,558	-7.79%	0	0	0.0%	23,596	28,656	-17.7%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	5,722	8,336	-31.36%	0	0	0.0%	23,196	43,895	-47.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	10,136	14,448	-29.84%	0	0	0.0%	44,127	76,420	-42.3%
E-MINI RUSSELL 2000	0	0	0.0%	4,923,481	6,431,639	-23.45%	0	0	0.0%	40,462,625	45,457,791	-11.0%
E-MINI S&P500	0	0	0.0%	38,985,244	59,405,939	-34.37%	0	0	0.0%	335,418,355	373,708,706	-10.2%
E-MINI S&P500 ESG	0	0	0.0%	29,096	41,404	-29.73%	0	0	0.0%	171,661	234,234	-26.7%
ETHER	0	0	0.0%	0	5	-100.00%	0	0	0.0%	0	7	-100.0%
ETHER FUTURES	0	0	0.0%	78,082	161,276	-51.58%	0	0	0.0%	891,400	1,189,864	-25.1%
FT-SE 100	0	0	0.0%	107	75	42.67%	0	0	0.0%	751	1,379	-45.5%
FTSE Emerging	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IBOVESPA INDEX	0	0	0.0%	9	54	-83.33%	0	0	0.0%	298	529	-43.7%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Equity Index Futures												
MICRO BITCOIN	0	0	0.0%	117,844	235,507	-49.96%	0	0	0.0%	1,775,540	3,001,989	-40.9%
MICRO E-MINI NASDAQ 100	0	0	0.0%	23,844,479	33,070,474	-27.90%	0	0	0.0%	201,618,674	284,153,757	-29.0%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,153,149	2,445,573	-52.85%	0	0	0.0%	14,308,647	25,923,270	-44.8%
MICRO E-MINI S&P500	0	0	0.0%	18,645,561	35,111,542	-46.90%	0	0	0.0%	192,247,845	257,412,228	-25.3%
MICRO ETHER	0	0	0.0%	83,356	498,477	-83.28%	0	0	0.0%	1,555,069	3,921,411	-60.3%
MICRO MINI \$5 DOW	0	0	0.0%	1,621,717	3,391,621	-52.18%	0	0	0.0%	20,145,271	35,129,375	-42.7%
NASDAQ-100 VOLATILITY	0	0	0.0%	0	20	-100.00%	0	0	0.0%	3,203	18,449	-82.6%
NASDAQ BIOTECH SECTOR	0	0	0.0%	32	589	-94.57%	0	0	0.0%	1,189	1,958	-39.3%
Nearby BTIC+	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	4,450	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	164,463	137,941	19.23%	0	0	0.0%	1,240,973	1,072,915	15.7%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	674,044	865,701	-22.14%	0	0	0.0%	5,641,863	7,154,702	-21.1%
PHLX SEMICONDUCTOR SECT	0	0	0.0%	166	608	-72.70%	0	0	0.0%	2,143	634	238.0%
S&P 500	0	0	0.0%	2,273	18	12,527.78%	0	0	0.0%	23,783	1,843	1,190.5%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	61,144	22,805	168.12%	0	0	0.0%	310,850	256,618	21.1%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	12,941	3,552	264.33%	0	0	0.0%	88,137	15,339	474.6%
S&P 600 SMALLCAP EMINI	0	-	-	243	-		0	-	-	376	-	-
S&P BIOTECHNOLOGY SECTO	0	0	0.0%	507	1,400	-63.79%	0	0	0.0%	4,888	7,207	-32.2%
S&P COMMUNICATION SERVIC	0	0	0.0%	9,340	6,556	42.46%	0	0	0.0%	35,173	31,556	11.5%
S&P CONSUMER DISCRETION	0	0	0.0%	8,659	11,893	-27.19%	0	0	0.0%	49,609	65,247	-24.0%
S&P CONSUMER STAPLES SE	0	0	0.0%	35,025	36,401	-3.78%	0	0	0.0%	162,143	159,903	1.4%
S&P ENERGY SECTOR	0	0	0.0%	46,277	74,082	-37.53%	0	0	0.0%	221,548	425,494	-47.9%
S&P FINANCIAL SECTOR	0	0	0.0%	41,162	43,286	-4.91%	0	0	0.0%	201,195	227,737	-11.7%
S&P HEALTH CARE SECTOR	0	0	0.0%	25,587	31,136	-17.82%	0	0	0.0%	119,480	172,930	-30.9%
S&P INDUSTRIAL SECTOR	0	0	0.0%	21,285	21,389	-0.49%	0	0	0.0%	104,806	122,802	-14.7%
S&P MATERIALS SECTOR	0	0	0.0%	15,738	16,144	-2.51%	0	0	0.0%	74,725	78,057	-4.3%
S&P OIL & GAS EXPLORATION	0	0	0.0%	99	691	-85.67%	0	0	0.0%	1,593	3,825	-58.4%
S&P REAL ESTATE SECTOR	0	0	0.0%	17,134	9,006	90.25%	0	0	0.0%	57,801	39,281	47.1%
S&P REGIONAL BANKS SECTO	0	0	0.0%	642	1,280	-49.84%	0	0	0.0%	7,193	1,567	359.0%
S&P RETAIL SECTOR	0	0	0.0%	277	872	-68.23%	0	0	0.0%	2,029	2,659	-23.7%
S&P TECHNOLOGY SECTOR	0	0	0.0%	19,133	48,238	-60.34%	0	0	0.0%	101,805	188,836	-46.1%
S&P UTILITIES SECTOR	0	0	0.0%	31,781	32,952	-3.55%	0	0	0.0%	161,182	163,905	-1.7%
S&P VALUE INDEX FUTURES	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TOPIX (USD)	0	-	-	50	-		0	-	-	766	-	-
TOPIX (YEN)	0	0	0.0%	235	1,570	-85.03%	0	0	0.0%	2,238	19,766	-88.7%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Equity Index Futures												
WATER INDEX FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	128	592	-78.4%
Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	2,156	1,611	33.83%	0	0	0.0%	23,945	12,909	85.5%
DJIA	0	0	0.0%	4,565	1,892	141.28%	0	0	0.0%	60,484	1,892	3,096.8%
E-mini (\$5) Dow	0	0	0.0%	256	1,300	-80.31%	0	0	0.0%	5,637	19,252	-70.7%
E-MINI NASDAQ 100	0	0	0.0%	1,476,991	1,151,523	28.26%	0	0	0.0%	12,163,259	9,012,489	35.0%
E-MINI RUSSELL 2000	0	0	0.0%	93,546	109,310	-14.42%	0	0	0.0%	1,224,960	1,231,358	-0.5%
E-MINI S&P500	0	0	0.0%	28,414,854	27,454,717	3.50%	0	0	0.0%	218,167,279	195,727,242	11.5%
EOM S&P 500	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ETHER OPTIONS	0	0	0.0%	2,137	98	2,080.61%	0	0	0.0%	11,236	98	11,365.3%
EVENT CONTRACT S&P 500	0	-	-	11,617	-		0	-	-	54,141	-	-
MICRO BITCOIN	0	0	0.0%	9,664	11,819	-18.23%	0	0	0.0%	95,168	63,960	48.8%
MICRO E-MINI NASDAQ 100	0	0	0.0%	51,731	45,890	12.73%	0	0	0.0%	503,292	498,771	0.9%
Micro E-mini S&P 500	0	0	0.0%	281,117	252,242	11.45%	0	0	0.0%	2,123,847	2,113,911	0.5%
MICRO ETHER	0	0	0.0%	17,176	59,201	-70.99%	0	0	0.0%	156,771	202,615	-22.6%
S&P 500	-	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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Metals Futures												
ALUMINUM	0	0	0.0%	120,548	55,594	116.84%	0	0	0.0%	739,636	271,248	172.7%
COBALT METAL FUTURES	0	0	0.0%	27	0	0.00%	0	0	0.0%	397	14	2,735.7%
COMEX COPPER	0	0	0.0%	1,601,112	1,726,883	-7.28%	0	0	0.0%	19,027,793	15,773,711	20.6%
COMEX E-Mini GOLD	0	0	0.0%	13,846	36,484	-62.05%	0	0	0.0%	292,353	274,456	6.5%
COMEX E-Mini SILVER	0	0	0.0%	5,414	3,252	66.48%	0	0	0.0%	51,748	33,986	52.3%
COMEX GOLD	0	0	0.0%	3,688,033	4,449,442	-17.11%	0	0	0.0%	41,619,859	40,595,775	2.5%
COMEX MINY COPPER	0	0	0.0%	3,767	3,038	24.00%	0	0	0.0%	49,955	32,136	55.4%
COMEX SILVER	0	0	0.0%	1,274,876	1,341,949	-5.00%	0	0	0.0%	13,401,799	12,543,581	6.8%
COPPER	0	0	0.0%	92,390	66,738	38.44%	0	0	0.0%	957,658	345,781	177.0%
FERROUS PRODUCTS	0	0	0.0%	899	184	388.59%	0	0	0.0%	3,582	3,668	-2.3%
GOLD	0	0	0.0%	18	2,906	-99.38%	0	0	0.0%	4,162	59,192	-93.0%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	2,045	1,116	83.24%	0	0	0.0%	14,192	6,298	125.3%
IRON ORE CHINA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LITHIUM CARBONATE FUTURE	0	-	-	0	-		0	-	-	0	-	-
METALS	0	0	0.0%	3	20	-85.00%	0	0	0.0%	145	71	104.2%
MICRO GOLD	0	0	0.0%	870,802	1,047,637	-16.88%	0	0	0.0%	12,347,111	9,739,019	26.8%
MOLYBDENUM OXIDE FUTURE	0	-	-	0	-		0	-	-	0	-	-
NYMEX HOT ROLLED STEEL	0	0	0.0%	10,281	5,456	88.43%	0	0	0.0%	82,979	44,918	84.7%
NYMEX PLATINUM	0	0	0.0%	679,965	544,714	24.83%	0	0	0.0%	4,279,623	3,695,316	15.8%
PALLADIUM	0	0	0.0%	50,486	31,919	58.17%	0	0	0.0%	581,961	395,834	47.0%
SILVER	0	0	0.0%	206,269	170,902	20.69%	0	0	0.0%	1,962,816	1,447,625	35.6%
URANIUM	0	0	0.0%	4	0	0.00%	0	0	0.0%	4	24	-83.3%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Metals Options												
ALUMINUM	0	0	0.0%	1,690	218	675.23%	0	0	0.0%	8,168	218	3,646.8%
COMEX COPPER	0	0	0.0%	73,943	73,182	1.04%	0	0	0.0%	858,998	537,694	59.8%
COMEX GOLD	0	0	0.0%	860,387	743,499	15.72%	0	0	0.0%	7,772,322	6,609,023	17.6%
COMEX SILVER	0	0	0.0%	119,824	125,253	-4.33%	0	0	0.0%	1,298,255	897,420	44.7%
COPPER	0	0	0.0%	8,633	3,882	122.39%	0	0	0.0%	76,760	14,419	432.4%
GOLD	0	0	0.0%	264,338	242,118	9.18%	0	0	0.0%	2,361,802	1,886,062	25.2%
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%	87	0	0.00%	0	0	0.0%	215	0	0.0%
NYMEX PLATINUM	0	0	0.0%	7,725	478	1,516.11%	0	0	0.0%	41,918	4,530	825.3%
PALLADIUM	0	0	0.0%	204	4	5,000.00%	0	0	0.0%	4,064	127	3,100.0%
SILVER	0	0	0.0%	40,510	20,633	96.34%	0	0	0.0%	345,164	163,097	111.6%
Energy Futures												
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%
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%	1,522,766	1,279,520	19.01%	0	0	0.0%	10,717,954	13,070,248	-18.0%
CAR VINTAGE	0	0	0.0%	10,237	6,534	56.67%	0	0	0.0%	85,416	55,149	54.9%
CEU ENERGY	0	-	-	5	-		0	-	-	160	-	-
CHICAGO ETHANOL SWAP	0	0	0.0%	47	108	-56.48%	0	0	0.0%	1,275	1,328	-4.0%
CHICAGO ULSD PL VS HO SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY NORMAL BUTANE (O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY PROPANE 5 DECIMA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	74	-100.0%
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%	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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Futures												
CRUDE OIL OUTRIGHTS	0	0	0.0%	757	0	0.00%	0	0	0.0%	2,682	0	0.0%
CRUDE OIL PHY	0	0	0.0%	21,228,163	17,626,734	20.43%	0	0	0.0%	169,570,285	180,967,966	-6.3%
CRUDE OIL SPRDS	0	0	0.0%	420	0	0.00%	0	0	0.0%	1,947	0	0.0%
CRUDE OIL TRADE AT MARKE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DAILY PJM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DATED TO FRONTLINE BRENT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DIESEL 10P BRG FOB RDM VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DOMINION TRANSMISSION INC	-	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%	56,476	0	0.00%	0	0	0.0%	182,089	10,828	1,581.6%
EAST/WEST FUEL OIL SPREAD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	12	-100.0%
ELEC FINSETTLED	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ELECTRICITY OFF PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EMMISSIONS	0	0	0.0%	2,808	2,654	5.80%	0	0	0.0%	20,199	17,600	14.8%
ETHANOL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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 GASOIL 10 CAL SWAP	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 3.5% FUEL OIL MED	-	0	0.0%	-	0	0.00%	-	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%	32	29	10.34%	0	0	0.0%	293	2,406	-87.8%
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	0.00%	-	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%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Futures												
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	-	-
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	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	0.00%	-	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 CALENDAR	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%	3,648,608	3,433,090	6.28%	0	0	0.0%	28,521,055	29,530,640	-3.4%
HENRY HUB SWAP	0	0	0.0%	0	34	-100.00%	0	0	0.0%	176	1,308	-86.5%
HOUSTON SHIP CHANNEL BAS	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
INDIANA MISO	-	0	0.0%	-	0	0.00%	-	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%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Futures												
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	0.00%	-	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%
LTD NAT GAS	0	0	0.0%	253,648	215,142	17.90%	0	0	0.0%	2,233,670	2,159,247	3.4%
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%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	118	148	-20.27%	0	0	0.0%	2,640	5,994	-56.0%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	140	-100.00%	0	0	0.0%	0	140	-100.0%
MGN1 SWAP FUT	-	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%	10	9	11.11%	0	0	0.0%	94	76	23.7%
MINY NATURAL GAS	0	0	0.0%	172,950	259,456	-33.34%	0	0	0.0%	2,062,815	2,886,707	-28.5%
MINY RBOB GAS	0	0	0.0%	7	9	-22.22%	0	0	0.0%	82	83	-1.2%
MINY WTI CRUDE OIL	0	0	0.0%	261,441	606,717	-56.91%	0	0	0.0%	2,799,392	5,657,503	-50.5%
MJC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MNC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE 5 DEC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	310	-100.0%
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%	27	99	-72.73%	0	0	0.0%	200	329	-39.2%
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	89	-100.00%	0	0	0.0%	19	175	-89.1%
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%	62,872	34,995	79.66%	0	0	0.0%	560,169	396,051	41.4%
NATURAL GAS PEN SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS PHY	0	0	0.0%	7,138,222	5,961,417	19.74%	0	0	0.0%	72,582,002	63,890,652	13.6%
NEPOOL INTR HUB 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%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Futures												
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	0.00%	-	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%
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	0.00%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	8	8	0.00%	0	0	0.0%	179	72	148.6%
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	0.00%	-	0	0.0%	-	0	0.0%
NYISO ZONE G 5MW D AH O P	-	0	0.0%	-	0	0.00%	-	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%
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	0.00%	-	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 NI HUB 5MW REAL TIME	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%
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%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Futures												
RBOB CRACK SPREAD BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB GASOLINE BALMO CLNC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	3,497,885	2,699,704	29.57%	0	0	0.0%	31,960,899	30,958,561	3.2%
RBOB VS HEATING OIL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE 180CST BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE 380CST BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE 380CST FUEL OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL 180CST CAL	0	-	-	0	-		0	-	-	0	-	-
SINGAPORE FUEL OIL 180 CS	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 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%
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%
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	0.00%	-	0	0.0%	-	0	0.0%
UK NBP NAT GAS CAL MTH FU	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ULSD UP-DOWN BALMO SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
UP DOWN GC ULSD VS NMX H	0	0	0.0%	0	0	0.00%	0	0	0.0%	16	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%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
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%	1,961	5,991	-67.27%	0	0	0.0%	36,305	26,979	34.6%
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	0.00%	-	0	0.0%	-	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	1,625	1,045	55.50%	0	0	0.0%	5,250	32,258	-83.7%
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	0.00%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	8,337	1,428	483.82%	0	0	0.0%	59,123	1,428	4,040.3%
CRUDE OIL PHY	0	0	0.0%	2,732,325	1,691,270	61.55%	0	0	0.0%	19,214,134	18,578,312	3.4%
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%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL CRK SPD AVG P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	0	0.0%	1,138	1,033	10.16%	0	0	0.0%	9,711	20,410	-52.4%
HENRY HUB FINANCIAL LAST	0	0	0.0%	1,510	2,807	-46.21%	0	0	0.0%	19,646	2,913	574.4%
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%
NATURAL GAS	0	0	0.0%	2,245	808	177.85%	0	0	0.0%	5,948	4,743	25.4%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	600	500	20.00%	0	0	0.0%	37,757	5,700	562.4%
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%	25	0	0.00%	0	0	0.0%	79,265	800	9,808.1%
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%	1,640,602	752,091	118.14%	0	0	0.0%	13,664,974	9,067,338	50.7%
NATURAL GAS SUMMER STRIF	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	76	325	-76.62%	0	0	0.0%	821	1,655	-50.4%
PETROCHEMICALS	0	0	0.0%	6	0	0.00%	0	0	0.0%	30	12	150.0%
PETRO OUTRIGHT EURO	-	0	0.0%	-	0	0.00%	-	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%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Options												
PJM WES HUB PEAK LMP 50M	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RBOB 1MO CAL SPD OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	236	548	-56.93%	0	0	0.0%	4,619	8,947	-48.4%
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%	487	0	0.00%	0	0	0.0%	4,587	8,145	-43.7%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	200	0	0.00%	0	0	0.0%	4,450	271	1,542.1%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	3	114	-97.37%	0	0	0.0%	170	466	-63.5%
AD/JY CROSS RATES	0	0	0.0%	1,534	3,762	-59.22%	0	0	0.0%	13,253	41,858	-68.3%
AD/NE CROSS RATES	0	0	0.0%	3,926	14,868	-73.59%	0	0	0.0%	28,717	29,694	-3.3%
AUSTRALIAN DOLLAR	0	0	0.0%	2,797,457	2,765,464	1.16%	0	0	0.0%	18,366,001	19,012,791	-3.4%
BP/JY CROSS RATES	0	0	0.0%	1,708	12,524	-86.36%	0	0	0.0%	19,133	40,684	-53.0%
BP/SF CROSS RATES	0	0	0.0%	1,034	4,578	-77.41%	0	0	0.0%	18,142	18,722	-3.1%
BRAZIL REAL	0	0	0.0%	322,712	243,094	32.75%	0	0	0.0%	2,422,164	2,493,859	-2.9%
BRITISH POUND	0	0	0.0%	2,681,318	4,372,787	-38.68%	0	0	0.0%	19,786,153	22,904,102	-13.6%
CANADIAN DOLLAR	0	0	0.0%	2,305,097	2,682,494	-14.07%	0	0	0.0%	15,637,484	16,987,879	-7.9%
CD/JY CROSS RATES	0	0	0.0%	136	15	806.67%	0	0	0.0%	533	287	85.7%
CHILEAN PESO	0	0	0.0%	0	0	0.00%	0	0	0.0%	45	24	87.5%
CHINESE RENMINBI (CNH)	0	0	0.0%	41,908	49,260	-14.92%	0	0	0.0%	262,418	253,135	3.7%
CZECK KORUNA (EC)	0	0	0.0%	1	0	0.00%	0	0	0.0%	6	19	-68.4%
CZECK KORUNA (US)	0	0	0.0%	2	8	-75.00%	0	0	0.0%	35	26	34.6%
EC/AD CROSS RATES	0	0	0.0%	17,865	14,356	24.44%	0	0	0.0%	50,079	54,021	-7.3%
EC/CD CROSS RATES	0	0	0.0%	15,582	13,170	18.31%	0	0	0.0%	57,376	75,914	-24.4%
EC/NOK CROSS RATES	0	0	0.0%	1,046	8,867	-88.20%	0	0	0.0%	9,992	18,288	-45.4%
EC/SEK CROSS RATES	0	0	0.0%	3,048	3,883	-21.50%	0	0	0.0%	18,675	22,361	-16.5%
EFX/BP CROSS RATES	0	0	0.0%	155,819	192,559	-19.08%	0	0	0.0%	613,582	885,095	-30.7%
EFX/JY CROSS RATES	0	0	0.0%	110,680	100,695	9.92%	0	0	0.0%	450,737	521,203	-13.5%
EFX/SF CROSS RATES	0	0	0.0%	52,074	62,490	-16.67%	0	0	0.0%	208,376	374,711	-44.4%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Futures												
E-MICRO USD/CAD	0	0	0.0%	95	83	14.46%	0	0	0.0%	1,069	1,818	-41.2%
E-MICRO USD/CHF	0	0	0.0%	117	63	85.71%	0	0	0.0%	1,319	707	86.6%
E-MICRO USD/JPY	0	0	0.0%	4,873	1,980	146.11%	0	0	0.0%	33,829	150,324	-77.5%
E-MINI EURO FX	0	0	0.0%	111,565	214,527	-47.99%	0	0	0.0%	1,092,959	1,359,912	-19.6%
E-MINI JAPANESE YEN	0	0	0.0%	10,249	22,461	-54.37%	0	0	0.0%	109,754	105,636	3.9%
EURO FX	0	0	0.0%	5,887,099	7,982,950	-26.25%	0	0	0.0%	42,715,899	45,523,622	-6.2%
HUNGARIAN FORINT (EC)	0	0	0.0%	15	0	0.00%	0	0	0.0%	37	2	1,750.0%
HUNGARIAN FORINT (US)	0	0	0.0%	1	4	-75.00%	0	0	0.0%	86	42	104.8%
INDIAN RUPEE	0	0	0.0%	18,904	44,018	-57.05%	0	0	0.0%	238,349	227,451	4.8%
JAPANESE YEN	0	0	0.0%	3,855,812	5,004,873	-22.96%	0	0	0.0%	32,223,149	29,110,455	10.7%
KOREAN WON	0	0	0.0%	857	260	229.62%	0	0	0.0%	3,757	2,883	30.3%
MEXICAN PESO	0	0	0.0%	1,935,477	1,942,344	-0.35%	0	0	0.0%	11,585,338	10,854,922	6.7%
MICRO AUD/USD	0	0	0.0%	250,855	276,759	-9.36%	0	0	0.0%	2,439,074	2,354,409	3.6%
MICRO CAD/USD	0	0	0.0%	43,112	69,404	-37.88%	0	0	0.0%	466,191	527,704	-11.7%
MICRO CHF/USD	0	0	0.0%	16,579	25,467	-34.90%	0	0	0.0%	141,014	157,429	-10.4%
MICRO EUR/USD	0	0	0.0%	522,155	1,023,632	-48.99%	0	0	0.0%	5,553,473	6,998,898	-20.7%
MICRO GBP/USD	0	0	0.0%	62,423	233,213	-73.23%	0	0	0.0%	617,356	1,018,750	-39.4%
MICRO INR/USD	0	0	0.0%	244	592	-58.78%	0	0	0.0%	3,822	6,422	-40.5%
MICRO JPY/USD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	101,719	-100.0%
MICRO USD/CNH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2	-100.0%
NEW ZEALND DOLLAR	0	0	0.0%	825,431	957,366	-13.78%	0	0	0.0%	5,873,244	5,767,515	1.8%
NKR/USD CROSS RATE	0	0	0.0%	5,011	4,212	18.97%	0	0	0.0%	29,543	26,977	9.5%
POLISH ZLOTY (EC)	0	0	0.0%	167	203	-17.73%	0	0	0.0%	537	1,211	-55.7%
POLISH ZLOTY (US)	0	0	0.0%	2,591	2,252	15.05%	0	0	0.0%	10,389	12,223	-15.0%
RMB USD	0	0	0.0%	0	10	-100.00%	0	0	0.0%	5	29	-82.8%
RUSSIAN RUBLE	0	0	0.0%	0	22	-100.00%	0	0	0.0%	0	576,766	-100.0%
S.AFRICAN RAND	0	0	0.0%	90,801	100,283	-9.46%	0	0	0.0%	717,575	827,711	-13.3%
SF/JY CROSS RATES	0	0	0.0%	779	704	10.65%	0	0	0.0%	4,926	5,149	-4.3%
SHEKEL	0	0	0.0%	439	38	1,055.26%	0	0	0.0%	1,203	146	724.0%
SKR/USD CROSS RATES	0	0	0.0%	7,026	11,374	-38.23%	0	0	0.0%	42,251	58,811	-28.2%
SWISS FRANC	0	0	0.0%	564,795	781,371	-27.72%	0	0	0.0%	4,065,905	5,004,921	-18.8%
TURKISH LIRA	0	0	0.0%	0	2	-100.00%	0	0	0.0%	20	2	900.0%
USDZAR	0	0	0.0%	10	0	0.00%	0	0	0.0%	115	31	271.0%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	191	55	247.27%	0	0	0.0%	1,779	1,754	1.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	187	53	252.83%	0	0	0.0%	3,670	3,243	13.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	143	84	70.24%	0	0	0.0%	1,988	2,286	-13.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	135	268	-49.63%	0	0	0.0%	2,674	3,143	-14.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	490	1,218	-59.8%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	67,666	80,112	-15.54%	0	0	0.0%	526,372	629,427	-16.4%
AUD/USD THURSDAY WKLY O	0	-	-	41	-		0	-	-	1,065	-	-
AUD/USD THURSDAY WKLY O	0	-	-	50	-		0	-	-	792	-	-
AUD/USD THURSDAY WKLY O	0	-	-	16	-		0	-	-	1,222	-	-
AUD/USD THURSDAY WKLY O	0	-	-	71	-		0	-	-	1,567	-	-
AUD/USD THURSDAY WKLY O	0	-	-	0	-		0	-	-	498	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	253	-		0	-	-	1,791	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	40	-		0	-	-	1,802	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	39	-		0	-	-	1,204	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	298	-		0	-	-	1,230	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	282	-	-
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	37	177	-79.10%	0	0	0.0%	4,305	4,572	-5.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	804	973	-17.37%	0	0	0.0%	11,777	12,876	-8.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,000	1,344	-25.60%	0	0	0.0%	12,820	18,338	-30.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	897	1,074	-16.48%	0	0	0.0%	14,199	13,571	4.6%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	889	972	-8.54%	0	0	0.0%	3,278	5,196	-36.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	649	82	691.46%	0	0	0.0%	4,336	5,629	-23.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	357	199	79.40%	0	0	0.0%	2,542	4,194	-39.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	282	202	39.60%	0	0	0.0%	2,864	5,318	-46.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	122	114	7.02%	0	0	0.0%	2,239	4,608	-51.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,279	578	121.3%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	0	284	-100.00%	0	0	0.0%	345	3,021	-88.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	654	545	20.00%	0	0	0.0%	7,006	1,833	282.2%
CAD/USD MONDAY OPTIONS	0	0	0.0%	138	928	-85.13%	0	0	0.0%	9,194	10,496	-12.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	392	1,922	-79.60%	0	0	0.0%	6,475	9,622	-32.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	2,473	804	207.59%	0	0	0.0%	8,127	7,006	16.0%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	338	1,535	-78.0%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	29,205	52,919	-44.81%	0	0	0.0%	442,593	539,224	-17.9%
CAD/USD THURSDAY WKLY O	0	-	-	212	-		0	-	-	2,488	-	-

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
CAD/USD THURSDAY WKLY O	0	-	-	561	-		0	-	-	2,864	-	-
CAD/USD THURSDAY WKLY O	0	-	-	247	-		0	-	-	2,852	-	-
CAD/USD THURSDAY WKLY O	0	-	-	937	-		0	-	-	4,851	-	-
CAD/USD THURSDAY WKLY O	0	-	-	0	-		0	-	-	2,323	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	59	-		0	-	-	3,088	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	583	-		0	-	-	5,565	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	500	-		0	-	-	3,264	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	1,680	-		0	-	-	2,986	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	917	-	-
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	209	1,002	-79.14%	0	0	0.0%	11,086	12,919	-14.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,377	1,535	-10.29%	0	0	0.0%	17,311	29,262	-40.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,081	4,764	-35.33%	0	0	0.0%	20,460	49,806	-58.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,215	7,708	-45.32%	0	0	0.0%	26,978	42,119	-35.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,191	2,751	15.99%	0	0	0.0%	10,973	12,620	-13.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	720	1,147	-37.23%	0	0	0.0%	11,442	9,172	24.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	910	404	125.25%	0	0	0.0%	9,757	11,221	-13.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,959	1,750	69.09%	0	0	0.0%	9,397	13,505	-30.4%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,727	564	206.21%	0	0	0.0%	10,594	14,133	-25.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,566	4,474	-20.3%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	3,768	4,237	-11.07%	0	0	0.0%	31,771	39,542	-19.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	56	0	0.00%	0	0	0.0%	2,103	989	112.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	61	8	662.50%	0	0	0.0%	5,542	871	536.3%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	236	38	521.05%	0	0	0.0%	6,919	1,001	591.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	465	181	156.91%	0	0	0.0%	15,761	1,207	1,205.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	473	34	1,291.18%	0	0	0.0%	3,534	117	2,920.5%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	204	-100.0%
EUR/GBP WKLY FRIDAY OPTIC	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,480	4,350	-65.98%	0	0	0.0%	15,014	16,403	-8.5%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,672	3,272	-48.90%	0	0	0.0%	15,397	22,405	-31.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,825	2,124	-14.08%	0	0	0.0%	12,755	9,660	32.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	597	4,943	-87.92%	0	0	0.0%	15,119	24,837	-39.1%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,061	4,256	-51.6%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	331,014	381,662	-13.27%	0	0	0.0%	2,162,534	2,184,478	-1.0%
EUR/USD THURSDAY WKLY O	0	-	-	544	-		0	-	-	6,924	-	-

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
EUR/USD THURSDAY WKLY O	0	-	-	944	-		0	-	-	6,400	-	-
EUR/USD THURSDAY WKLY O	0	-	-	808	-		0	-	-	5,362	-	-
EUR/USD THURSDAY WKLY O	0	-	-	1,313	-		0	-	-	8,160	-	-
EUR/USD THURSDAY WKLY O	0	-	-	0	-		0	-	-	380	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	1,320	-		0	-	-	3,883	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	81	-		0	-	-	5,637	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	473	-		0	-	-	6,080	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	465	-		0	-	-	4,302	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	1,588	-	-
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	755	3,547	-78.71%	0	0	0.0%	29,190	50,401	-42.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	9,486	6,385	48.57%	0	0	0.0%	154,001	119,928	28.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	37,504	16,315	129.87%	0	0	0.0%	224,608	144,580	55.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	20,325	11,452	77.48%	0	0	0.0%	243,619	159,904	52.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	14,932	14,798	0.91%	0	0	0.0%	34,918	58,029	-39.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,386	11,867	-54.61%	0	0	0.0%	42,676	57,256	-25.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	9,166	7,309	25.41%	0	0	0.0%	55,304	48,074	15.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,331	5,079	44.34%	0	0	0.0%	42,690	47,660	-10.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,293	7,733	-5.69%	0	0	0.0%	41,691	55,970	-25.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	14,869	20,237	-26.5%
EVENT CONTRACT EUR/USD	0	0	0.0%	6,812	1,690	303.08%	0	0	0.0%	51,626	1,690	2,954.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,679	771	117.77%	0	0	0.0%	6,194	4,908	26.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	192	1,342	-85.69%	0	0	0.0%	8,959	10,203	-12.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	799	739	8.12%	0	0	0.0%	3,673	2,910	26.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	3,155	860	266.86%	0	0	0.0%	6,907	4,880	41.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	591	1,480	-60.1%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	73,397	112,538	-34.78%	0	0	0.0%	554,017	682,676	-18.8%
GBP/USD THURSDAY WKLY O	0	-	-	595	-		0	-	-	2,253	-	-
GBP/USD THURSDAY WKLY O	0	-	-	88	-		0	-	-	1,720	-	-
GBP/USD THURSDAY WKLY O	0	-	-	115	-		0	-	-	2,310	-	-
GBP/USD THURSDAY WKLY O	0	-	-	361	-		0	-	-	1,326	-	-
GBP/USD THURSDAY WKLY O	0	-	-	0	-		0	-	-	363	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	477	-		0	-	-	1,504	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	158	-		0	-	-	2,917	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	104	-		0	-	-	1,893	-	-

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
GBP/USD TUESDAY WKLY OPT	0	-	-	128	-		0	-	-	1,680	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	448	-	-
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	145	206	-29.61%	0	0	0.0%	6,628	7,507	-11.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,953	653	352.22%	0	0	0.0%	25,252	18,399	37.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,596	2,431	6.79%	0	0	0.0%	34,082	23,909	42.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,226	6,163	-47.66%	0	0	0.0%	21,942	23,673	-7.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,898	2,477	-23.38%	0	0	0.0%	6,641	8,769	-24.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,861	1,605	15.95%	0	0	0.0%	7,293	11,230	-35.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	305	382	-20.16%	0	0	0.0%	8,986	4,293	109.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,653	1,499	10.27%	0	0	0.0%	11,135	8,810	26.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	920	1,152	-20.14%	0	0	0.0%	6,374	8,482	-24.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,449	670	116.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,387	3,640	-61.90%	0	0	0.0%	5,511	6,541	-15.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	593	101	487.13%	0	0	0.0%	11,944	7,427	60.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	593	44	1,247.73%	0	0	0.0%	4,438	2,820	57.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,084	1,389	-21.96%	0	0	0.0%	7,261	9,383	-22.6%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,177	247	781.4%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	86,458	106,010	-18.44%	0	0	0.0%	836,636	1,161,438	-28.0%
JPY/USD THURSDAY WKLY OP	0	-	-	542	-		0	-	-	2,205	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	5	-		0	-	-	746	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	27	-		0	-	-	280	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	523	-		0	-	-	742	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	0	-		0	-	-	277	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	1,288	-		0	-	-	1,459	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	565	-		0	-	-	3,937	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	206	-		0	-	-	2,419	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	1,858	-		0	-	-	3,453	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	140	-	-
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	241	492	-51.02%	0	0	0.0%	10,268	31,828	-67.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	4,044	3,893	3.88%	0	0	0.0%	54,434	69,320	-21.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,421	9,934	-45.43%	0	0	0.0%	62,412	99,138	-37.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,946	13,112	-39.40%	0	0	0.0%	65,644	96,479	-32.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,557	9,027	-5.21%	0	0	0.0%	18,790	37,049	-49.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	5,232	5,226	0.11%	0	0	0.0%	27,305	30,843	-11.5%

*** 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.

CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,538	6,494	-60.92%	0	0	0.0%	23,583	30,447	-22.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,445	5,381	-54.56%	0	0	0.0%	27,663	28,449	-2.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,370	8,037	-70.51%	0	0	0.0%	19,585	39,294	-50.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	6,503	11,330	-42.6%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	453	1,320	-65.68%	0	0	0.0%	4,208	6,512	-35.4%
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-		0	-	-	5	-	-
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	17	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	4	1	300.00%	0	0	0.0%	688	670	2.7%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-		0	-	-	2	-	-
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	0.00%	-	0	0.0%	-	0	0.0%
USD/CNH MONTHLY OPTIONS	0	-	-	0	-		0	-	-	51	-	-
USD/CNH WEEKLY FRIDAY OP	0	-	-	0	-		0	-	-	34	-	-
ZAR/USD MONTHLY OPTIONS	0	-	-	0	-		0	-	-	0	-	-

Ag Products Futures

BLOCK CHEESE	0	0	0.0%	1,272	208	511.54%	0	0	0.0%	4,484	2,283	96.4%
BUTTER CS	0	0	0.0%	3,873	2,369	63.49%	0	0	0.0%	32,347	36,440	-11.2%
CASH-SETTLED CHEESE	0	0	0.0%	11,319	8,345	35.64%	0	0	0.0%	116,611	84,679	37.7%
CAT ASIA WEATHER	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CATTLE	0	0	0.0%	1,382,014	1,326,823	4.16%	0	0	0.0%	12,259,736	10,970,008	11.8%
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%	150	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%	1,828,411	1,825,910	0.14%	0	0	0.0%	23,093,954	20,041,697	15.2%
CLASS IV MILK	0	0	0.0%	3,839	1,816	111.40%	0	0	0.0%	12,048	21,648	-44.3%
COFFEE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CORN	0	0	0.0%	4,165,261	4,589,967	-9.25%	0	0	0.0%	62,430,155	59,066,169	5.7%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	21	0	0.00%	0	0	0.0%	21	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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Ag Products Futures												
DOW-UBS COMMOD INDEX	0	0	0.0%	39,964	59,069	-32.34%	0	0	0.0%	217,923	410,445	-46.9%
DOW-UBS COMMOD INDEX SW	0	-	-	0	-		0	0	0.0%	0	0	0.0%
DRY WHEY	0	0	0.0%	1,024	789	29.78%	0	0	0.0%	9,640	8,501	13.4%
FEEDER CATTLE	0	0	0.0%	432,301	338,861	27.57%	0	0	0.0%	3,252,269	2,517,264	29.2%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	4	7	-42.9%
GOLDMAN SACHS	0	0	0.0%	1,890	2,098	-9.91%	0	0	0.0%	15,874	25,974	-38.9%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	39	-100.00%	0	0	0.0%	23	91	-74.7%
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%	1,032,359	1,048,653	-1.55%	0	0	0.0%	9,811,390	8,738,953	12.3%
HOUSING INDEX	0	0	0.0%	17	7	142.86%	0	0	0.0%	145	141	2.8%
KC WHEAT	0	0	0.0%	748,429	609,930	22.71%	0	0	0.0%	9,237,197	8,069,510	14.5%
LUMBER	0	0	0.0%	13,254	10,145	30.65%	0	0	0.0%	129,471	76,629	69.0%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	33,400	25,451	31.23%	0	0	0.0%	285,834	257,671	10.9%
MINI CORN	0	0	0.0%	19,737	44,046	-55.19%	0	0	0.0%	305,411	516,783	-40.9%
MINI SOYBEAN	0	0	0.0%	31,211	54,033	-42.24%	0	0	0.0%	378,025	546,865	-30.9%
MINI WHEAT	0	0	0.0%	25,272	31,614	-20.06%	0	0	0.0%	279,675	249,011	12.3%
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%	5,550	3,420	62.28%	0	0	0.0%	45,266	50,885	-11.0%
OATS	0	0	0.0%	10,018	7,298	37.27%	0	0	0.0%	117,885	75,222	56.7%
OTC SP GSCI ER SWAP	0	-	-	0	-		0	-	-	0	-	-
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%	1,162	1,206	-3.65%	0	0	0.0%	13,627	19,765	-31.1%
ROUGH RICE	0	0	0.0%	13,305	10,606	25.45%	0	0	0.0%	162,060	159,743	1.5%
SOYBEAN	0	0	0.0%	4,454,448	3,933,024	13.26%	0	0	0.0%	43,158,114	36,141,245	19.4%
SOYBEAN MEAL	0	0	0.0%	2,623,843	2,356,434	11.35%	0	0	0.0%	25,364,272	19,697,172	28.8%
SOYBEAN OIL	0	0	0.0%	2,955,109	2,620,129	12.78%	0	0	0.0%	27,285,603	20,995,315	30.0%
S&P GSCI ENHANCED ER SWA	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%	0	0	0.00%	0	0	0.0%	30	6,012	-99.5%

*** 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.

CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Ag Products Options												
AUG-DEC SOYBEAN MEAL CS	0	-	-	0	-		0	-	-	1,950	-	-
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,410	212	565.1%
BLOCK CHEESE	0	0	0.0%	858	20	4,190.00%	0	0	0.0%	3,786	2,509	50.9%
BUTTER CS	0	0	0.0%	1,069	1,190	-10.17%	0	0	0.0%	15,802	12,093	30.7%
CASH-SETTLED CHEESE	0	0	0.0%	7,742	3,709	108.74%	0	0	0.0%	60,423	56,561	6.8%
CATTLE	0	0	0.0%	350,190	230,958	51.62%	0	0	0.0%	2,742,431	1,934,388	41.8%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHI WHEAT	0	0	0.0%	510,547	613,900	-16.84%	0	0	0.0%	5,801,197	5,417,272	7.1%
CLASS IV MILK	0	0	0.0%	8,652	12,478	-30.66%	0	0	0.0%	58,891	67,852	-13.2%
CORN	0	0	0.0%	1,715,073	2,090,590	-17.96%	0	0	0.0%	24,429,596	24,767,579	-1.4%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	2,968	5,443	-45.47%	0	0	0.0%	253,053	200,439	26.2%
DEC-DEC CORN CAL SPRD	0	0	0.0%	2	0	0.00%	0	0	0.0%	5,666	0	0.0%
DEC-JUL SOYBEAN MEAL CSO	0	-	-	10	-		0	-	-	210	-	-
DEC-JULY CORN CAL SPRD	0	0	0.0%	640	1,725	-62.90%	0	0	0.0%	16,682	15,416	8.2%
DEC-JULY WHEAT CAL SPRD	0	-	-	0	-		0	-	-	350	-	-
DRY WHEY	0	0	0.0%	278	0	0.00%	0	0	0.0%	1,545	2,729	-43.4%
FEEDER CATTLE	0	0	0.0%	77,694	37,296	108.32%	0	0	0.0%	538,831	322,700	67.0%
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%	275,880	242,841	13.61%	0	0	0.0%	2,771,180	2,067,587	34.0%
Intercommodity Spread	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	0	-	-	0	-		0	-	-	0	-	-
JULY-DEC CORN CAL SPRD	0	0	0.0%	100	7,650	-98.69%	0	0	0.0%	100,948	78,270	29.0%
JULY-DEC SOYMEAL CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,270	845	168.6%
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,560	0	0.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	3,200	-100.0%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	10	2	400.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	2,880	1,645	75.08%	0	0	0.0%	75,533	43,173	75.0%
KC WHEAT	0	0	0.0%	43,524	48,791	-10.80%	0	0	0.0%	652,371	650,370	0.3%
LUMBER	0	0	0.0%	1,297	203	538.92%	0	0	0.0%	3,610	3,730	-3.2%
LV CATL CSO	0	-	-	0	-		0	-	-	60	-	-

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Ag Products Options												
MAR-DEC CORN CAL SPRD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MAR-JULY CORN CAL SPRD	0	0	0.0%	4,158	2,440	70.41%	0	0	0.0%	19,899	25,490	-21.9%
MAR-JULY SOYBEAN CAL SPR	0	0	0.0%	100	100	0.00%	0	0	0.0%	130	600	-78.3%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	150	-100.0%
MILK	0	0	0.0%	16,760	28,834	-41.87%	0	0	0.0%	189,367	205,953	-8.1%
MLK MID OPTIONS	0	0	0.0%	3	0	0.00%	0	0	0.0%	22	45	-51.1%
NFD MILK	0	0	0.0%	7,161	2,411	197.01%	0	0	0.0%	38,781	31,001	25.1%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	1,220	25	4,780.00%	0	0	0.0%	1,420	5,160	-72.5%
NOV-MAR SOYBEAN CSO	0	0	0.0%	2,004	0	0.00%	0	0	0.0%	3,844	0	0.0%
OATS	0	0	0.0%	320	36	788.89%	0	0	0.0%	1,654	1,812	-8.7%
PORK CUTOUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	111	35	217.1%
ROUGH RICE	0	0	0.0%	2,328	1,535	51.66%	0	0	0.0%	22,452	14,633	53.4%
SEP-DEC SOYBEAN MEAL CSC	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,350	830	183.1%
SOYBEAN	0	0	0.0%	1,497,149	1,072,372	39.61%	0	0	0.0%	13,718,077	14,105,689	-2.7%
SOYBEAN CRUSH	0	0	0.0%	0	4	-100.00%	0	0	0.0%	5	165	-97.0%
SOYBEAN MEAL	0	0	0.0%	199,893	183,463	8.96%	0	0	0.0%	3,005,227	2,083,417	44.2%
SOYBEAN OIL	0	0	0.0%	367,318	184,884	98.67%	0	0	0.0%	3,387,436	2,127,123	59.2%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	1,370	4,265	-67.88%	0	0	0.0%	61,726	32,048	92.6%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,370	1,250	169.6%
SOY OIL NEARBY+2 CAL SPRD	0	0	0.0%	0	1,100	-100.00%	0	0	0.0%	175	1,100	-84.1%
WHEAT	0	0	0.0%	1,597	277	476.53%	0	0	0.0%	16,703	1,134	1,372.9%
WHEAT-CORN ICSCO	0	0	0.0%	45	2	2,150.00%	0	0	0.0%	270	2,352	-88.5%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	440	410	7.32%	0	0	0.0%	4,992	31,697	-84.3%
TOTAL FUTURES GROUP												
Interest Rate Futures	322,976	1,217,993	-73.5%	151,944,325	175,180,976	-13.3%	6,126,649	7,626,163	-19.7%	1,682,304,729	1,611,515,198	4.4%
Equity Index Futures	0	0	0.0%	108,861,155	164,860,763	-34.0%	0	0	0.0%	978,372,311	1,217,399,201	-19.6%
Metals Futures	0	0	0.0%	8,620,785	9,488,234	-9.1%	0	0	0.0%	95,417,773	85,262,653	11.9%
Energy Futures	0	0	0.0%	37,857,507	32,126,636	17.8%	0	0	0.0%	321,305,708	329,613,459	-2.5%
FX Futures	0	0	0.0%	22,730,432	29,245,455	-22.3%	0	0	0.0%	165,935,259	174,519,738	-4.9%
Ag Products Futures	0	0	0.0%	19,838,303	18,912,290	4.9%	0	0	0.0%	218,019,244	188,786,128	15.5%
TOTAL FUTURES	322,976	1,217,993	-73.5%	349,852,507	429,814,354	-18.6%	6,126,649	7,626,163	-19.7%	3,461,355,024	3,607,096,377	-4.0%

*** 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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	30,365,810	29,089,603	4.4%	0	0	0.0%	234,590,019	208,884,497	12.3%
Interest Rate Options	14,363,637	19,061,331	-24.6%	30,597,683	32,774,398	-6.6%	209,107,654	146,252,151	43.0%	302,077,727	256,828,293	17.6%
Metals Options	0	0	0.0%	1,377,341	1,209,267	13.9%	0	0	0.0%	12,767,666	10,112,590	26.3%
Energy Options	0	0	0.0%	4,391,373	2,457,846	78.7%	0	0	0.0%	33,146,620	27,759,911	19.4%
FX Options	0	0	0.0%	827,967	958,679	-13.6%	0	0	0.0%	6,448,660	7,049,649	-8.5%
Ag Products Options	0	0	0.0%	5,101,270	4,780,597	6.7%	0	0	0.0%	58,018,376	54,318,611	6.8%
TOTAL OPTIONS	14,363,637	19,061,331	-24.6%	72,661,444	71,270,390	2.0%	209,107,654	146,252,151	43.0%	647,049,068	564,953,551	14.5%
TOTAL COMBINED												
Interest Rate	14,686,613	20,279,324	-27.6%	182,542,008	207,955,374	-12.2%	215,234,303	153,878,314	39.9%	1,984,382,456	1,868,343,491	6.2%
Equity Index	0	0	0.0%	139,226,965	193,950,366	-28.2%	0	0	0.0%	1,212,962,330	1,426,283,698	-15.0%
Metals	0	0	0.0%	9,998,126	10,697,501	-6.5%	0	0	0.0%	108,185,439	95,375,243	13.4%
Energy	0	0	0.0%	42,248,880	34,584,482	22.2%	0	0	0.0%	354,452,328	357,373,370	-0.8%
FX	0	0	0.0%	23,558,399	30,204,134	-22.0%	0	0	0.0%	172,383,919	181,569,387	-5.1%
Ag Products	0	0	0.0%	24,939,573	23,692,887	5.3%	0	0	0.0%	276,037,620	243,104,739	13.5%
GRAND TOTAL	14,686,613	20,279,324	-27.6%	422,513,951	501,084,744	-15.7%	215,234,303	153,878,314	39.9%	4,108,404,092	4,172,049,928	-1.5%

*** 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.