

## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2023	Open Outcry JUN 2022	% CHG	ELEC JUN 2023	ELEC JUN 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
<b>Interest Rate Futures</b>												
10-YR Eris LIBOR	0	0	0.0%	0	8,879	-100.00%	0	0	0.0%	4,082	30,050	-86.4%
10-YR Eris SOFR	0	0	0.0%	3,101	398	679.15%	0	0	0.0%	8,101	498	1,526.7%
10-YR MAC LIBOR	0	0	0.0%	1,752	23,063	-92.40%	0	0	0.0%	27,311	118,807	-77.0%
10-YR MAC SOFR	0	-	-	0	-		0	-	-	18	-	-
10-YR NOTE	0	0	0.0%	31,576,737	32,556,373	-3.01%	0	0	0.0%	236,064,508	239,996,531	-1.6%
10Y YIELD	0	0	0.0%	64,066	60,495	5.90%	0	0	0.0%	483,948	594,787	-18.6%
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	47	-100.00%	0	0	0.0%	6	274	-97.8%
1-YR Eris BSBY	0	0	0.0%	0	300	-100.00%	0	0	0.0%	0	1,000	-100.0%
1-YR Eris SOFR	0	0	0.0%	4,389	30,678	-85.69%	0	0	0.0%	26,623	180,617	-85.3%
20-YR BOND	0	0	0.0%	120	2,709	-95.57%	0	0	0.0%	3,298	20,595	-84.0%
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	22,664	-100.00%	0	0	0.0%	4,517	74,558	-93.9%
2-YR Eris SOFR	0	0	0.0%	3,547	15,231	-76.71%	0	0	0.0%	21,099	81,302	-74.0%
2-YR NOTE	0	0	0.0%	10,838,965	11,521,137	-5.92%	0	0	0.0%	89,668,398	82,532,945	8.6%
2Y YIELD	0	0	0.0%	4,893	9,449	-48.22%	0	0	0.0%	43,397	48,451	-10.4%
30-Year UMBS TBA Futures - 2.5	0	-	-	15	-		0	-	-	801	-	-
30-Year UMBS TBA Futures - 3.0	0	-	-	242	-		0	-	-	1,065	-	-
30-Year UMBS TBA Futures - 3.5	0	-	-	250	-		0	-	-	1,769	-	-
30-Year UMBS TBA Futures - 4.0	0	-	-	488	-		0	-	-	1,752	-	-
30-Year UMBS TBA Futures - 4.5	0	-	-	2,433	-		0	-	-	6,121	-	-
30-Year UMBS TBA Futures - 5.0	0	-	-	3,564	-		0	-	-	6,433	-	-
30-Year UMBS TBA Futures - 5.5	0	-	-	560	-		0	-	-	2,008	-	-
30-Year UMBS TBA Futures - 6.0	0	-	-	1,160	-		0	-	-	2,482	-	-
30-YR BOND	0	0	0.0%	6,509,393	7,004,062	-7.06%	0	0	0.0%	46,916,312	50,672,287	-7.4%
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%	616	9,053	-93.20%	0	0	0.0%	6,010	66,957	-91.0%
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	6,174	-100.00%	0	0	0.0%	3,771	45,493	-91.7%
3-YR Eris SOFR	0	0	0.0%	2,514	3,847	-34.65%	0	0	0.0%	12,239	21,370	-42.7%
3-YR NOTE	0	0	0.0%	69,808	416,548	-83.24%	0	0	0.0%	693,854	2,114,591	-67.2%

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<b>Interest Rate Futures</b>												
4-YR Eris LIBOR	0	0	0.0%	0	2,898	-100.00%	0	0	0.0%	1,140	25,152	-95.5%
4-YR Eris SOFR	0	0	0.0%	660	1,464	-54.92%	0	0	0.0%	4,060	4,565	-11.1%
5-YR Eris LIBOR	0	0	0.0%	0	33,442	-100.00%	0	0	0.0%	21,264	155,533	-86.3%
5-YR Eris SOFR	0	0	0.0%	13,253	2,947	349.71%	0	0	0.0%	53,754	14,535	269.8%
5-YR MAC LIBOR	0	0	0.0%	0	41,804	-100.00%	0	0	0.0%	39,600	187,373	-78.9%
5-YR MAC SOFR	0	-	-	0	-	-	0	-	-	92	-	-
5-YR NOTE	0	0	0.0%	22,267,073	21,874,829	1.79%	0	0	0.0%	176,435,884	166,740,129	5.8%
5Y YIELD	0	0	0.0%	27	3,923	-99.31%	0	0	0.0%	933	15,878	-94.1%
7-YR Eris LIBOR	0	0	0.0%	0	2,228	-100.00%	0	0	0.0%	2,242	16,657	-86.5%
7-YR Eris SOFR	0	0	0.0%	854	28	2,950.00%	0	0	0.0%	3,776	178	2,021.3%
BSBY 3-MONTH FUTURES	0	0	0.0%	2,335	11,625	-79.91%	0	0	0.0%	29,747	434,195	-93.1%
ESTR Basis Spread Futures	0	-	-	3,221	-	-	0	-	-	8,067	-	-
ESTR Futures	0	-	-	135,021	-	-	0	-	-	312,505	-	-
EURODOLLARS	1,652	1,579,832	-99.9%	224,258	33,237,161	-99.33%	258,492	5,054,671	-94.9%	27,895,109	261,808,155	-89.3%
FED FUND	0	0	0.0%	10,327,211	7,891,416	30.87%	0	0	0.0%	66,882,455	43,986,534	52.1%
FTIIE	0	0	0.0%	335	122	174.59%	0	0	0.0%	1,518	588	158.2%
SOFR	606,483	76,245	695.4%	67,532,191	41,198,362	63.92%	4,741,838	144,832	3,174.0%	422,012,556	173,842,929	142.8%
SONIA	0	0	0.0%	16	190	-91.58%	0	0	0.0%	194	1,236	-84.3%
Ultra 10-Year Note	0	0	0.0%	7,265,696	6,324,371	14.88%	0	0	0.0%	53,754,574	49,326,109	9.0%
ULTRA T-BOND	0	0	0.0%	3,942,167	3,340,292	18.02%	0	0	0.0%	31,550,781	28,588,794	10.4%

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<b>Interest Rate Options</b>												
10-YR NOTE	0	0	0.0%	10,861,479	13,847,049	-21.56%	0	0	0.0%	82,962,089	81,370,177	2.0%
2-YR NOTE	0	0	0.0%	429,672	55,307	676.89%	0	0	0.0%	2,551,595	165,317	1,443.5%
30-YR BOND	0	0	0.0%	1,920,370	2,631,565	-27.03%	0	0	0.0%	14,575,094	15,345,000	-5.0%
5-YR NOTE	0	0	0.0%	5,182,708	4,499,916	15.17%	0	0	0.0%	38,124,984	30,660,635	24.3%
EURODOLLARS	18,250	8,302,599	-99.8%	380,957	3,216,672	-88.16%	1,894,920	58,058,897	-96.7%	7,456,246	23,177,975	-67.8%
EURO MIDCURVE	0	3,356,472	-100.0%	0	1,865,205	-100.00%	396,228	35,354,516	-98.9%	201,525	18,056,127	-98.9%
FED FUND	0	0	0.0%	1	2	-50.00%	0	0	0.0%	3	44	-93.2%
SOFR	17,699,113	4,002,285	342.2%	7,488,849	2,057,636	263.95%	136,305,659	7,563,377	1,702.2%	53,808,398	2,814,544	1,811.8%
SOFR MIDCURVE	4,009,924	965,482	315.3%	1,268,939	554,871	128.69%	26,704,894	2,634,875	913.5%	9,919,855	917,356	981.4%
SOFR MISCURVE	0	-	-	0	-	-	0	-	-	700	-	-
Ultra 10-Year Note	0	0	0.0%	50	0	0.00%	0	0	0.0%	3,933	741	430.8%
ULTRA T-BOND	0	0	0.0%	1,522	1,299	17.17%	0	0	0.0%	12,126	17,138	-29.2%
<b>Equity Index Futures</b>												
BITCOIN	0	0	0.0%	249,973	255,906	-2.32%	0	0	0.0%	1,256,982	1,155,333	8.8%
DJ US REAL ESTATE SECTOR	0	0	0.0%	47,552	47,485	0.14%	0	0	0.0%	184,849	213,011	-13.2%
E-mini (\$5) Dow	0	0	0.0%	3,728,278	4,376,070	-14.80%	0	0	0.0%	22,204,825	27,255,903	-18.5%
E-mini FTSE China 50	0	0	0.0%	0	577	-100.00%	0	0	0.0%	44	6,664	-99.3%
E-MINI MIDCAP	0	0	0.0%	345,032	444,354	-22.35%	0	0	0.0%	1,712,596	2,121,942	-19.3%
E-MINI NASDAQ 100	0	0	0.0%	14,661,632	15,466,734	-5.21%	0	0	0.0%	83,008,486	89,162,395	-6.9%
E-MINI RUSSELL 1000	0	0	0.0%	7,173	5,062	41.70%	0	0	0.0%	15,545	20,531	-24.3%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	6,056	6,102	-0.75%	0	0	0.0%	15,020	32,581	-53.9%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	12,914	21,405	-39.67%	0	0	0.0%	30,489	55,240	-44.8%
E-MINI RUSSELL 2000	0	0	0.0%	5,827,535	6,061,810	-3.86%	0	0	0.0%	27,979,209	31,300,894	-10.6%
E-MINI S&P500	0	0	0.0%	43,239,329	47,644,601	-9.25%	0	0	0.0%	232,882,183	242,095,508	-3.8%
E-MINI S&P500 ESG	0	0	0.0%	29,129	28,178	3.37%	0	0	0.0%	117,526	167,675	-29.9%
ETHER	0	-	-	0	-	-	0	-	-	0	-	-
ETHER FUTURES	0	0	0.0%	96,762	188,487	-48.66%	0	0	0.0%	654,179	728,816	-10.2%
FT-SE 100	0	0	0.0%	0	2	-100.00%	0	0	0.0%	355	1,139	-68.8%
FTSE Emerging	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IBOVESPA INDEX	0	0	0.0%	36	60	-40.00%	0	0	0.0%	242	400	-39.5%

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<b>Equity Index Futures</b>												
MICRO BITCOIN	0	0	0.0%	245,577	302,541	-18.83%	0	0	0.0%	1,315,518	2,305,145	-42.9%
MICRO E-MINI NASDAQ 100	0	0	0.0%	21,358,976	32,867,206	-35.01%	0	0	0.0%	130,677,925	195,551,040	-33.2%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,783,803	2,754,444	-35.24%	0	0	0.0%	10,342,057	19,617,875	-47.3%
MICRO E-MINI S&P500	0	0	0.0%	19,812,278	29,603,057	-33.07%	0	0	0.0%	137,656,802	170,793,915	-19.4%
MICRO ETHER	0	0	0.0%	167,092	381,994	-56.26%	0	0	0.0%	1,225,314	2,504,109	-51.1%
MICRO MINI \$5 DOW	0	0	0.0%	1,727,526	3,854,475	-55.18%	0	0	0.0%	15,310,540	26,159,926	-41.5%
NASDAQ-100 VOLATILITY	0	0	0.0%	0	758	-100.00%	0	0	0.0%	3,203	17,694	-81.9%
NASDAQ BIOTECH SECTOR	0	0	0.0%	68	573	-88.13%	0	0	0.0%	813	1,204	-32.5%
Nearby BTIC+	0	0	0.0%	0	950	-100.00%	0	0	0.0%	0	3,550	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	249,683	146,550	70.37%	0	0	0.0%	759,250	779,810	-2.6%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	948,708	944,053	0.49%	0	0	0.0%	3,804,125	5,111,634	-25.6%
PHLX SEMICONDUCTOR SECT	0	-	-	161	-		0	-	-	1,941	-	-
S&P 500	0	0	0.0%	4,644	57	8,047.37%	0	0	0.0%	18,903	1,803	948.4%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	35,251	28,863	22.13%	0	0	0.0%	187,417	189,465	-1.1%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	9,349	1,934	383.40%	0	0	0.0%	64,443	5,205	1,138.1%
S&P BIOTECHNOLOGY SECTO	0	-	-	216	-		0	-	-	3,724	-	-
S&P COMMUNICATION SERVIC	0	0	0.0%	9,505	6,204	53.21%	0	0	0.0%	23,549	21,686	8.6%
S&P CONSUMER DISCRETION	0	0	0.0%	10,777	10,176	5.91%	0	0	0.0%	35,424	44,663	-20.7%
S&P CONSUMER STAPLES SE	0	0	0.0%	34,906	28,527	22.36%	0	0	0.0%	105,774	101,986	3.7%
S&P ENERGY SECTOR	0	0	0.0%	35,322	83,735	-57.82%	0	0	0.0%	152,633	282,360	-45.9%
S&P FINANCIAL SECTOR	0	0	0.0%	51,686	47,809	8.11%	0	0	0.0%	142,938	164,931	-13.3%
S&P HEALTH CARE SECTOR	0	0	0.0%	25,316	34,023	-25.59%	0	0	0.0%	82,169	126,147	-34.9%
S&P INDUSTRIAL SECTOR	0	0	0.0%	23,610	22,546	4.72%	0	0	0.0%	71,786	86,878	-17.4%
S&P MATERIALS SECTOR	0	0	0.0%	12,326	14,168	-13.00%	0	0	0.0%	49,912	50,583	-1.3%
S&P OIL & GAS EXPLORATION	0	-	-	144	-		0	-	-	1,197	-	-
S&P REAL ESTATE SECTOR	0	0	0.0%	14,723	9,164	60.66%	0	0	0.0%	36,668	27,169	35.0%
S&P REGIONAL BANKS SECTO	0	-	-	1,019	-		0	-	-	5,844	-	-
S&P RETAIL SECTOR	0	-	-	85	-		0	-	-	1,640	-	-
S&P TECHNOLOGY SECTOR	0	0	0.0%	21,197	25,268	-16.11%	0	0	0.0%	73,152	122,310	-40.2%
S&P UTILITIES SECTOR	0	0	0.0%	26,913	23,590	14.09%	0	0	0.0%	105,680	108,833	-2.9%
S&P VALUE INDEX FUTURES	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TOPIX (USD)	0	-	-	403	-		0	-	-	572	-	-
TOPIX (YEN)	0	0	0.0%	278	283	-1.77%	0	0	0.0%	1,410	15,551	-90.9%
WATER INDEX FUTURES	0	0	0.0%	14	10	40.00%	0	0	0.0%	117	556	-79.0%

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<b>Equity Index Options</b>												
BITCOIN OPTIONS	0	0	0.0%	2,123	1,845	15.07%	0	0	0.0%	15,721	8,346	88.4%
DJIA	0	-	-	4,250	-		0	-	-	44,462	-	-
E-mini (\$5) Dow	0	0	0.0%	117	2,903	-95.97%	0	0	0.0%	4,946	14,507	-65.9%
E-MINI NASDAQ 100	0	0	0.0%	1,707,131	1,177,741	44.95%	0	0	0.0%	7,295,817	6,095,162	19.7%
E-MINI RUSSELL 2000	0	0	0.0%	167,485	121,901	37.39%	0	0	0.0%	913,947	918,202	-0.5%
E-MINI S&P500	0	0	0.0%	23,619,929	21,579,203	9.46%	0	0	0.0%	139,488,807	130,063,352	7.2%
EOM S&P 500	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ETHER OPTIONS	0	-	-	977	-		0	-	-	4,967	-	-
EVENT CONTRACT S&P 500	0	-	-	4,095	-		0	-	-	28,803	-	-
MICRO BITCOIN	0	0	0.0%	14,717	12,802	14.96%	0	0	0.0%	53,057	25,009	112.2%
MICRO E-MINI NASDAQ 100	0	0	0.0%	58,140	48,184	20.66%	0	0	0.0%	327,163	374,529	-12.6%
Micro E-mini S&P 500	0	0	0.0%	207,317	240,304	-13.73%	0	0	0.0%	1,450,876	1,491,175	-2.7%
MICRO ETHER	0	0	0.0%	24,518	10,813	126.75%	0	0	0.0%	106,533	20,037	431.7%
S&P 500	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2023	Open Outcry JUN 2022	% CHG	ELEC JUN 2023	ELEC JUN 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
<b>Metals Futures</b>												
ALUMINUM	0	0	0.0%	81,588	32,161	153.69%	0	0	0.0%	449,348	120,444	273.1%
COBALT METAL FUTURES	0	0	0.0%	14	0	0.00%	0	0	0.0%	328	11	2,881.8%
COMEX COPPER	0	0	0.0%	2,414,009	1,999,657	20.72%	0	0	0.0%	13,171,434	10,301,175	27.9%
COMEX E-Mini GOLD	0	0	0.0%	24,741	26,483	-6.58%	0	0	0.0%	234,560	187,631	25.0%
COMEX E-Mini SILVER	0	0	0.0%	4,568	3,245	40.77%	0	0	0.0%	38,427	24,097	59.5%
COMEX GOLD	0	0	0.0%	3,950,291	3,484,734	13.36%	0	0	0.0%	29,410,078	27,539,365	6.8%
COMEX MINY COPPER	0	0	0.0%	5,878	4,134	42.19%	0	0	0.0%	36,868	22,287	65.4%
COMEX SILVER	0	0	0.0%	1,670,105	1,576,235	5.96%	0	0	0.0%	9,137,851	8,470,746	7.9%
COPPER	0	0	0.0%	109,214	87,414	24.94%	0	0	0.0%	669,243	130,331	413.5%
FERROUS PRODUCTS	0	0	0.0%	616	288	113.89%	0	0	0.0%	2,238	3,001	-25.4%
GOLD	0	0	0.0%	15	1,445	-98.96%	0	0	0.0%	3,840	51,407	-92.5%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	2,084	546	281.68%	0	0	0.0%	9,993	3,883	157.4%
IRON ORE CHINA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
METALS	0	0	0.0%	36	0	0.00%	0	0	0.0%	139	51	172.5%
MICRO GOLD	0	0	0.0%	1,389,027	922,500	50.57%	0	0	0.0%	9,160,381	6,886,865	33.0%
NYMEX HOT ROLLED STEEL	0	0	0.0%	14,078	5,102	175.93%	0	0	0.0%	56,171	29,286	91.8%
NYMEX PLATINUM	0	0	0.0%	604,328	511,779	18.08%	0	0	0.0%	2,770,867	2,482,662	11.6%
PALLADIUM	0	0	0.0%	45,775	27,555	66.12%	0	0	0.0%	364,762	277,192	31.6%
SILVER	0	0	0.0%	185,616	127,590	45.48%	0	0	0.0%	1,340,517	1,011,438	32.5%
URANIUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	24	-100.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Metals Options</b>												
ALUMINUM	0	0	0.0%	2,304	0	0.00%	0	0	0.0%	4,529	0	0.0%
COMEX COPPER	0	0	0.0%	82,130	72,383	13.47%	0	0	0.0%	589,995	348,487	69.3%
COMEX GOLD	0	0	0.0%	721,992	622,088	16.06%	0	0	0.0%	5,552,674	4,636,098	19.8%
COMEX SILVER	0	0	0.0%	118,773	82,065	44.73%	0	0	0.0%	906,322	614,514	47.5%
COPPER	0	0	0.0%	5,389	2,099	156.74%	0	0	0.0%	53,583	4,470	1,098.7%
GOLD	0	0	0.0%	215,093	221,819	-3.03%	0	0	0.0%	1,662,620	1,252,096	32.8%
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%	10	0	0.0%
NYMEX PLATINUM	0	0	0.0%	6,286	652	864.11%	0	0	0.0%	24,370	3,560	584.6%
PALLADIUM	0	0	0.0%	177	7	2,428.57%	0	0	0.0%	3,484	104	3,250.0%
SILVER	0	0	0.0%	36,372	16,713	117.63%	0	0	0.0%	224,725	108,291	107.5%
<b>Energy Futures</b>												
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%	1,218,542	1,194,729	1.99%	0	0	0.0%	6,897,154	9,171,807	-24.8%
CAR VINTAGE	0	0	0.0%	7,695	3,371	128.27%	0	0	0.0%	61,630	22,006	180.1%
CHICAGO ETHANOL SWAP	0	0	0.0%	131	8	1,537.50%	0	0	0.0%	815	913	-10.7%
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	60	-100.00%	0	0	0.0%	0	60	-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%
CRUDE OIL OUTRIGHTS	0	0	0.0%	190	0	0.00%	0	0	0.0%	1,173	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Energy Futures</b>												
CRUDE OIL PHY	0	0	0.0%	19,740,780	18,230,475	8.28%	0	0	0.0%	110,293,160	124,746,068	-11.6%
CRUDE OIL SPRDS	0	0	0.0%	215	0	0.00%	0	0	0.0%	827	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%	26,713	167	15,895.81%	0	0	0.0%	39,644	10,807	266.8%
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	0	0.0%
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%	1,595	3,779	-57.79%	0	0	0.0%	12,793	5,832	119.4%
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	-	-
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%	24	591	-95.94%	0	0	0.0%	261	2,087	-87.5%
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%
FUELOIL SWAP:CARGOES VS.	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2023	Open Outcry JUN 2022	% CHG	ELEC JUN 2023	ELEC JUN 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
<b>Energy Futures</b>												
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%	3,138,529	3,061,623	2.51%	0	0	0.0%	17,993,942	20,062,831	-10.3%
HENRY HUB SWAP	0	0	0.0%	0	2	-100.00%	0	0	0.0%	176	1,240	-85.8%
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%
JKM LNG Futures	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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<b>Energy Futures</b>												
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%	236,169	273,487	-13.65%	0	0	0.0%	1,513,554	1,556,398	-2.8%
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%	365	841	-56.60%	0	0	0.0%	1,925	4,925	-60.9%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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%	13	8	62.50%	0	0	0.0%	67	46	45.7%
MINY NATURAL GAS	0	0	0.0%	183,865	391,617	-53.05%	0	0	0.0%	1,549,838	1,928,671	-19.6%
MINY RBOB GAS	0	0	0.0%	7	7	0.00%	0	0	0.0%	62	53	17.0%
MINY WTI CRUDE OIL	0	0	0.0%	343,919	512,768	-32.93%	0	0	0.0%	2,013,191	3,747,885	-46.3%
MJC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MNC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE 5 DEC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	235	-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%	35	39	-10.26%	0	0	0.0%	158	138	14.5%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	19	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%	56,322	51,735	8.87%	0	0	0.0%	378,958	301,011	25.9%
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%	8,921,247	7,898,460	12.95%	0	0	0.0%	50,625,443	46,490,963	8.9%
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%
NEW YORK ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2023	Open Outcry JUN 2022	% CHG	ELEC JUN 2023	ELEC JUN 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
<b>Energy Futures</b>												
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%	23	5	360.00%	0	0	0.0%	166	31	435.5%
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%
RBOB CRACK SPREAD BALMO	0	-	-	0	-		0	-	-	0	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2023	Open Outcry JUN 2022	% CHG	ELEC JUN 2023	ELEC JUN 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
<b>Energy Futures</b>												
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%	4,171,769	3,592,134	16.14%	0	0	0.0%	20,707,171	22,256,360	-7.0%
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	-	-
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 A	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%

### Energy Options

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2023	Open Outcry JUN 2022	% CHG	ELEC JUN 2023	ELEC JUN 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
<b>Energy Options</b>												
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CRUDE OIL 1 M CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	2,664	4,135	-35.57%	0	0	0.0%	28,357	12,332	129.9%
COAL API2 INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	0	830	-100.00%	0	0	0.0%	3,000	29,551	-89.8%
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	-	-	2,636	-		0	-	-	40,036	-	-
CRUDE OIL PHY	0	0	0.0%	2,274,094	1,947,896	16.75%	0	0	0.0%	12,203,600	13,261,569	-8.0%
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%	821	1,855	-55.74%	0	0	0.0%	5,997	16,028	-62.6%
HENRY HUB FINANCIAL LAST	0	0	0.0%	832	20	4,060.00%	0	0	0.0%	16,315	86	18,870.9%
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%	40	110	-63.64%	0	0	0.0%	53	3,564	-98.5%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	18,403	0	0.00%	0	0	0.0%	23,857	4,900	386.9%
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%	21,100	0	0.00%	0	0	0.0%	74,440	400	18,510.0%
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%	1,818,301	1,161,777	56.51%	0	0	0.0%	8,422,619	6,498,208	29.6%
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%	70	290	-75.86%	0	0	0.0%	620	739	-16.1%
PETROCHEMICALS	0	0	0.0%	7	0	0.00%	0	0	0.0%	15	11	36.4%
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%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Energy Options</b>												
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%	425	1,095	-61.19%	0	0	0.0%	3,479	6,578	-47.1%
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%	175	754	-76.79%	0	0	0.0%	4,050	4,355	-7.0%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	1,400	0	0.00%	0	0	0.0%	1,600	271	490.4%
<b>FX Futures</b>												
AD/CD CROSS RATES	0	0	0.0%	13	110	-88.18%	0	0	0.0%	167	314	-46.8%
AD/JY CROSS RATES	0	0	0.0%	2,214	4,334	-48.92%	0	0	0.0%	9,875	32,392	-69.5%
AD/NE CROSS RATES	0	0	0.0%	4,771	2,153	121.60%	0	0	0.0%	17,663	10,677	65.4%
AUSTRALIAN DOLLAR	0	0	0.0%	2,448,474	2,464,858	-0.66%	0	0	0.0%	11,852,839	12,272,777	-3.4%
BP/JY CROSS RATES	0	0	0.0%	2,206	5,736	-61.54%	0	0	0.0%	14,151	23,025	-38.5%
BP/SF CROSS RATES	0	0	0.0%	2,288	1,610	42.11%	0	0	0.0%	14,389	11,837	21.6%
BRAZIL REAL	0	0	0.0%	220,782	287,556	-23.22%	0	0	0.0%	1,477,718	1,762,036	-16.1%
BRITISH POUND	0	0	0.0%	2,771,489	2,838,007	-2.34%	0	0	0.0%	12,990,953	13,845,375	-6.2%
CANADIAN DOLLAR	0	0	0.0%	2,008,659	2,321,132	-13.46%	0	0	0.0%	10,448,318	10,647,867	-1.9%
CD/JY CROSS RATES	0	0	0.0%	236	14	1,585.71%	0	0	0.0%	246	265	-7.2%
CHILEAN PESO	0	0	0.0%	32	1	3,100.00%	0	0	0.0%	45	24	87.5%
CHINESE RENMINBI (CNH)	0	0	0.0%	40,678	29,585	37.50%	0	0	0.0%	155,610	159,263	-2.3%
CZECK KORUNA (EC)	0	0	0.0%	1	2	-50.00%	0	0	0.0%	5	18	-72.2%
CZECK KORUNA (US)	0	0	0.0%	6	3	100.00%	0	0	0.0%	23	18	27.8%
EC/AD CROSS RATES	0	0	0.0%	9,390	8,005	17.30%	0	0	0.0%	27,986	32,532	-14.0%
EC/CD CROSS RATES	0	0	0.0%	11,546	17,133	-32.61%	0	0	0.0%	36,042	51,366	-29.8%
EC/NOK CROSS RATES	0	0	0.0%	1,815	1,407	29.00%	0	0	0.0%	6,933	7,569	-8.4%
EC/SEK CROSS RATES	0	0	0.0%	2,859	2,309	23.82%	0	0	0.0%	13,671	11,045	23.8%
EFX/BP CROSS RATES	0	0	0.0%	124,826	121,640	2.62%	0	0	0.0%	369,144	562,182	-34.3%
EFX/JY CROSS RATES	0	0	0.0%	76,860	76,964	-0.14%	0	0	0.0%	266,303	354,778	-24.9%
EFX/SF CROSS RATES	0	0	0.0%	38,029	64,688	-41.21%	0	0	0.0%	132,800	269,664	-50.8%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2023	Open Outcry JUN 2022	% CHG	ELEC JUN 2023	ELEC JUN 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
<b>FX Futures</b>												
E-MICRO USD/CAD	0	0	0.0%	87	150	-42.00%	0	0	0.0%	904	1,592	-43.2%
E-MICRO USD/CHF	0	0	0.0%	39	209	-81.34%	0	0	0.0%	1,078	569	89.5%
E-MICRO USD/JPY	0	0	0.0%	2,470	59,702	-95.86%	0	0	0.0%	14,324	102,009	-86.0%
E-MINI EURO FX	0	0	0.0%	112,298	159,747	-29.70%	0	0	0.0%	781,260	805,873	-3.1%
E-MINI JAPANESE YEN	0	0	0.0%	15,820	14,007	12.94%	0	0	0.0%	70,979	55,117	28.8%
EURO FX	0	0	0.0%	5,857,781	6,056,634	-3.28%	0	0	0.0%	28,727,899	27,763,060	3.5%
HUNGARIAN FORINT (EC)	0	0	0.0%	7	0	0.00%	0	0	0.0%	20	2	900.0%
HUNGARIAN FORINT (US)	0	0	0.0%	0	2	-100.00%	0	0	0.0%	76	35	117.1%
INDIAN RUPEE	0	0	0.0%	25,043	22,568	10.97%	0	0	0.0%	174,796	120,136	45.5%
JAPANESE YEN	0	0	0.0%	4,449,731	3,960,987	12.34%	0	0	0.0%	21,141,585	17,382,320	21.6%
KOREAN WON	0	0	0.0%	296	226	30.97%	0	0	0.0%	1,398	2,225	-37.2%
MEXICAN PESO	0	0	0.0%	1,391,385	1,755,721	-20.75%	0	0	0.0%	7,530,644	6,824,881	10.3%
MICRO AUD/USD	0	0	0.0%	238,261	263,379	-9.54%	0	0	0.0%	1,612,729	1,621,740	-0.6%
MICRO CAD/USD	0	0	0.0%	47,465	64,812	-26.77%	0	0	0.0%	335,603	352,241	-4.7%
MICRO CHF/USD	0	0	0.0%	17,607	26,812	-34.33%	0	0	0.0%	91,814	88,785	3.4%
MICRO EUR/USD	0	0	0.0%	528,839	776,924	-31.93%	0	0	0.0%	3,850,508	4,218,483	-8.7%
MICRO GBP/USD	0	0	0.0%	71,914	126,812	-43.29%	0	0	0.0%	416,260	563,901	-26.2%
MICRO INR/USD	0	0	0.0%	304	821	-62.97%	0	0	0.0%	2,974	4,884	-39.1%
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%	692,222	724,775	-4.49%	0	0	0.0%	3,767,506	3,570,368	5.5%
NKR/USD CROSS RATE	0	0	0.0%	5,445	4,122	32.10%	0	0	0.0%	19,724	19,282	2.3%
POLISH ZLOTY (EC)	0	0	0.0%	215	324	-33.64%	0	0	0.0%	316	977	-67.7%
POLISH ZLOTY (US)	0	0	0.0%	2,090	1,859	12.43%	0	0	0.0%	6,252	8,420	-25.7%
RMB USD	0	0	0.0%	0	5	-100.00%	0	0	0.0%	5	10	-50.0%
RUSSIAN RUBLE	0	0	0.0%	0	644	-100.00%	0	0	0.0%	0	576,558	-100.0%
S.AFRICAN RAND	0	0	0.0%	119,895	147,556	-18.75%	0	0	0.0%	433,257	564,398	-23.2%
SF/JY CROSS RATES	0	0	0.0%	974	1,353	-28.01%	0	0	0.0%	3,560	3,383	5.2%
SHEKEL	0	0	0.0%	94	21	347.62%	0	0	0.0%	439	80	448.8%
SKR/USD CROSS RATES	0	0	0.0%	7,082	10,661	-33.57%	0	0	0.0%	28,713	39,353	-27.0%
SWISS FRANC	0	0	0.0%	545,038	742,398	-26.58%	0	0	0.0%	2,707,085	3,134,018	-13.6%
TURKISH LIRA	0	0	0.0%	11	0	0.00%	0	0	0.0%	20	0	0.0%
USDZAR	0	0	0.0%	5	4	25.00%	0	0	0.0%	105	31	238.7%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2023	Open Outcry JUN 2022	% CHG	ELEC JUN 2023	ELEC JUN 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
<b>FX Options</b>												
AUD/USD MONDAY OPTION W	0	0	0.0%	592	72	722.22%	0	0	0.0%	1,278	1,669	-23.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	150	336	-55.36%	0	0	0.0%	2,536	3,053	-16.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	11	98	-88.78%	0	0	0.0%	1,412	1,986	-28.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	292	128	128.13%	0	0	0.0%	1,500	2,301	-34.8%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	315	779	-59.6%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	87,449	80,192	9.05%	0	0	0.0%	327,557	423,894	-22.7%
AUD/USD THURSDAY WKLY O	0	-	-	5	-		0	-	-	160	-	-
AUD/USD THURSDAY WKLY O	0	-	-	16	-		0	-	-	283	-	-
AUD/USD THURSDAY WKLY O	0	-	-	48	-		0	-	-	1,152	-	-
AUD/USD THURSDAY WKLY O	0	-	-	6	-		0	-	-	397	-	-
AUD/USD THURSDAY WKLY O	0	-	-	477	-		0	-	-	488	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	11	-		0	-	-	212	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	6	-		0	-	-	1,097	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	124	-		0	-	-	570	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	3	-		0	-	-	304	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	205	-	-
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	329	1,526	-78.44%	0	0	0.0%	1,393	2,946	-52.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	794	308	157.79%	0	0	0.0%	8,009	10,836	-26.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,401	1,223	14.55%	0	0	0.0%	9,268	13,288	-30.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,613	1,003	60.82%	0	0	0.0%	9,974	9,163	8.9%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	709	245	189.39%	0	0	0.0%	2,092	1,965	6.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	831	451	84.26%	0	0	0.0%	3,054	5,381	-43.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	38	410	-90.73%	0	0	0.0%	1,247	3,228	-61.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	285	1,236	-76.94%	0	0	0.0%	1,472	4,774	-69.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	149	703	-78.81%	0	0	0.0%	1,463	3,673	-60.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	48	-100.00%	0	0	0.0%	522	259	101.5%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	0	122	-100.00%	0	0	0.0%	205	2,086	-90.2%
CAD/USD MONDAY OPTIONS	0	0	0.0%	2,021	95	2,027.37%	0	0	0.0%	5,961	1,094	444.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	376	1,175	-68.00%	0	0	0.0%	8,351	7,775	7.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	349	-100.00%	0	0	0.0%	4,930	4,819	2.3%
CAD/USD MONDAY OPTIONS	0	0	0.0%	140	285	-50.88%	0	0	0.0%	4,646	4,985	-6.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	247	1,256	-80.3%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	62,664	55,098	13.73%	0	0	0.0%	360,876	375,507	-3.9%
CAD/USD THURSDAY WKLY O	0	-	-	387	-		0	-	-	1,957	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2023	Open Outcry JUN 2022	% CHG	ELEC JUN 2023	ELEC JUN 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
<b>FX Options</b>												
CAD/USD THURSDAY WKLY O	0	-	-	1,273	-		0	-	-	2,145	-	-
CAD/USD THURSDAY WKLY O	0	-	-	467	-		0	-	-	2,240	-	-
CAD/USD THURSDAY WKLY O	0	-	-	1,755	-		0	-	-	3,522	-	-
CAD/USD THURSDAY WKLY O	0	-	-	386	-		0	-	-	1,972	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	908	-		0	-	-	2,628	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	864	-		0	-	-	4,468	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	690	-		0	-	-	2,717	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	236	-		0	-	-	844	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	808	-	-
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,806	1,855	51.27%	0	0	0.0%	5,507	7,660	-28.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	366	2,826	-87.05%	0	0	0.0%	12,390	22,516	-45.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,280	6,420	-64.49%	0	0	0.0%	14,370	32,553	-55.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,903	3,731	-22.19%	0	0	0.0%	18,491	29,715	-37.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,434	45	5,308.89%	0	0	0.0%	7,528	4,326	74.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,141	476	349.79%	0	0	0.0%	9,070	5,860	54.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,230	758	194.20%	0	0	0.0%	7,537	6,597	14.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	589	964	-38.90%	0	0	0.0%	5,872	9,260	-36.6%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	384	2,509	-84.70%	0	0	0.0%	7,550	11,971	-36.9%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	1,174	-100.00%	0	0	0.0%	2,131	4,112	-48.2%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	2,185	2,103	3.90%	0	0	0.0%	19,524	29,481	-33.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	2	43	-95.35%	0	0	0.0%	135	573	-76.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	2,619	42	6,135.71%	0	0	0.0%	4,242	834	408.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	751	51	1,372.55%	0	0	0.0%	3,723	466	698.9%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,616	142	1,038.03%	0	0	0.0%	6,984	950	635.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	2,714	0	0.00%	0	0	0.0%	3,057	14	21,735.7%
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%	2,634	213	1,136.62%	0	0	0.0%	13,217	10,254	28.9%
EUR/USD MONDAY OPTION W	0	0	0.0%	865	2,030	-57.39%	0	0	0.0%	11,243	17,509	-35.8%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,519	184	725.54%	0	0	0.0%	7,246	5,778	25.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	3,203	836	283.13%	0	0	0.0%	12,524	18,009	-30.5%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	955	2,856	-66.6%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	198,244	185,061	7.12%	0	0	0.0%	1,353,476	1,342,986	0.8%
EUR/USD THURSDAY WKLY O	0	-	-	1,271	-		0	-	-	5,354	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>FX Options</b>												
EUR/USD THURSDAY WKLY O	0	-	-	157	-		0	-	-	4,199	-	-
EUR/USD THURSDAY WKLY O	0	-	-	2,642	-		0	-	-	4,488	-	-
EUR/USD THURSDAY WKLY O	0	-	-	804	-		0	-	-	6,318	-	-
EUR/USD THURSDAY WKLY O	0	-	-	87	-		0	-	-	99	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	58	-		0	-	-	694	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	4,336	-		0	-	-	4,894	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	1,286	-		0	-	-	4,908	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	126	-		0	-	-	3,337	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	1,419	-	-
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	564	11,174	-94.95%	0	0	0.0%	13,532	35,686	-62.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,913	20,459	-66.21%	0	0	0.0%	99,464	100,185	-0.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	23,603	15,337	53.90%	0	0	0.0%	118,965	97,589	21.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	17,489	11,820	47.96%	0	0	0.0%	175,555	116,820	50.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	10,706	438	2,344.29%	0	0	0.0%	19,227	20,642	-6.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,284	3,269	61.64%	0	0	0.0%	26,622	34,493	-22.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,763	3,588	4.88%	0	0	0.0%	35,734	28,683	24.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,359	5,338	-18.34%	0	0	0.0%	29,612	33,213	-10.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,738	4,732	0.13%	0	0	0.0%	27,631	33,943	-18.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	6,935	-100.00%	0	0	0.0%	10,434	13,048	-20.0%
EVENT CONTRACT EUR/USD	0	-	-	11,588	-		0	-	-	30,704	-	-
GBP/USD MONDAY OPTION W	0	0	0.0%	381	272	40.07%	0	0	0.0%	4,336	2,995	44.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,009	1,669	-39.54%	0	0	0.0%	7,186	6,703	7.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	138	340	-59.41%	0	0	0.0%	2,371	2,000	18.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	335	267	25.47%	0	0	0.0%	3,065	3,033	1.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	400	361	10.8%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	66,628	75,472	-11.72%	0	0	0.0%	351,809	417,879	-15.8%
GBP/USD THURSDAY WKLY O	0	-	-	90	-		0	-	-	1,308	-	-
GBP/USD THURSDAY WKLY O	0	-	-	61	-		0	-	-	716	-	-
GBP/USD THURSDAY WKLY O	0	-	-	257	-		0	-	-	1,783	-	-
GBP/USD THURSDAY WKLY O	0	-	-	211	-		0	-	-	758	-	-
GBP/USD THURSDAY WKLY O	0	-	-	230	-		0	-	-	291	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	67	-		0	-	-	944	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	443	-		0	-	-	2,240	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	335	-		0	-	-	1,591	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2023	Open Outcry JUN 2022	% CHG	ELEC JUN 2023	ELEC JUN 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
<b>FX Options</b>												
GBP/USD TUESDAY WKLY OPT	0	-	-	409	-		0	-	-	1,284	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	341	-	-
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	273	1,456	-81.25%	0	0	0.0%	2,682	4,271	-37.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,084	657	217.20%	0	0	0.0%	17,749	12,826	38.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,054	2,119	-3.07%	0	0	0.0%	23,973	16,649	44.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,319	1,333	148.99%	0	0	0.0%	12,020	14,660	-18.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	879	334	163.17%	0	0	0.0%	4,028	4,108	-1.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	416	518	-19.69%	0	0	0.0%	3,979	7,817	-49.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	801	466	71.89%	0	0	0.0%	7,002	3,027	131.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,147	743	188.96%	0	0	0.0%	6,696	6,969	-3.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	665	463	43.63%	0	0	0.0%	4,712	4,490	4.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	151	-100.00%	0	0	0.0%	665	481	38.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	733	25	2,832.00%	0	0	0.0%	3,503	2,130	64.5%
JPY/USD MONDAY OPTION WE	0	0	0.0%	647	716	-9.64%	0	0	0.0%	10,642	5,792	83.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	45	116	-61.21%	0	0	0.0%	1,980	1,648	20.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	255	1,571	-83.77%	0	0	0.0%	5,674	6,136	-7.5%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,047	51	1,952.9%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	67,641	153,261	-55.87%	0	0	0.0%	527,497	872,715	-39.6%
JPY/USD THURSDAY WKLY OP	0	-	-	51	-		0	-	-	142	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	19	-		0	-	-	110	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	86	-		0	-	-	223	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	40	-		0	-	-	139	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	96	-		0	-	-	253	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	21	-		0	-	-	91	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	1,024	-		0	-	-	3,329	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	1,856	-		0	-	-	1,968	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	51	-		0	-	-	984	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	37	-	-
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	247	13,144	-98.12%	0	0	0.0%	3,232	23,940	-86.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	3,788	7,843	-51.70%	0	0	0.0%	36,665	54,344	-32.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	6,592	17,996	-63.37%	0	0	0.0%	43,776	69,763	-37.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	4,883	14,585	-66.52%	0	0	0.0%	31,841	62,482	-49.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	4,966	140	3,447.14%	0	0	0.0%	9,352	15,708	-40.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,655	4,226	-60.84%	0	0	0.0%	13,582	19,479	-30.3%

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<b>FX Options</b>												
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,163	1,704	26.94%	0	0	0.0%	14,580	16,722	-12.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,227	3,075	-27.58%	0	0	0.0%	19,608	14,888	31.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,872	7,016	-73.32%	0	0	0.0%	13,244	21,692	-38.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	4,698	-100.00%	0	0	0.0%	3,102	7,555	-58.9%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	290	422	-31.28%	0	0	0.0%	1,744	4,336	-59.8%
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%	51	4	1,175.00%	0	0	0.0%	144	503	-71.4%
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	-	-
<b>Ags Futures</b>												
FERTILIZER PRODUCS	0	0	0.0%	0	3	-100.00%	0	0	0.0%	4	5	-20.0%
<b>Ag Products Futures</b>												
BLOCK CHEESE	0	0	0.0%	394	365	7.95%	0	0	0.0%	2,191	1,518	44.3%
BUTTER CS	0	0	0.0%	4,309	3,874	11.23%	0	0	0.0%	21,221	26,470	-19.8%
CASH-SETTLED CHEESE	0	0	0.0%	17,119	12,749	34.28%	0	0	0.0%	80,804	57,235	41.2%
CAT ASIA WEATHER	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CATTLE	0	0	0.0%	1,448,345	1,090,232	32.85%	0	0	0.0%	8,149,570	7,465,704	9.2%
CAT WEATHER EUROPEAN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	100	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%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Ag Products Futures</b>												
CHI WHEAT	0	0	0.0%	3,659,840	2,551,609	43.43%	0	0	0.0%	15,570,714	14,085,179	10.5%
CLASS IV MILK	0	0	0.0%	2,027	2,136	-5.10%	0	0	0.0%	6,080	14,327	-57.6%
COFFEE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CORN	0	0	0.0%	10,595,090	7,908,665	33.97%	0	0	0.0%	44,410,440	41,902,270	6.0%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DOW-UBS COMMOD INDEX	0	0	0.0%	36,450	72,733	-49.89%	0	0	0.0%	167,775	304,161	-44.8%
DOW-UBS COMMOD INDEX SW	0	-	-	0	-		0	-	-	0	-	-
DRY WHEY	0	0	0.0%	771	1,232	-37.42%	0	0	0.0%	7,029	6,177	13.8%
FEEDER CATTLE	0	0	0.0%	343,938	253,020	35.93%	0	0	0.0%	2,055,037	1,563,268	31.5%
FERTILIZER PRODUCS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GOLDMAN SACHS	0	0	0.0%	1,701	2,823	-39.74%	0	0	0.0%	10,463	18,467	-43.3%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	23	22	4.5%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	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%	1,282,633	981,624	30.66%	0	0	0.0%	6,676,905	5,844,496	14.2%
HOUSING INDEX	0	0	0.0%	6	17	-64.71%	0	0	0.0%	88	111	-20.7%
KC WHEAT	0	0	0.0%	1,116,388	1,006,083	10.96%	0	0	0.0%	6,316,565	5,731,801	10.2%
LUMBER	0	0	0.0%	19,506	9,003	116.66%	0	0	0.0%	81,840	48,260	69.6%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	39,260	28,481	37.85%	0	0	0.0%	180,119	176,382	2.1%
MINI CORN	0	0	0.0%	59,525	45,155	31.82%	0	0	0.0%	194,502	375,381	-48.2%
MINI SOYBEAN	0	0	0.0%	56,379	52,012	8.40%	0	0	0.0%	236,595	373,153	-36.6%
MINI WHEAT	0	0	0.0%	38,264	22,705	68.53%	0	0	0.0%	156,139	169,265	-7.8%
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%	4,420	5,299	-16.59%	0	0	0.0%	30,174	37,433	-19.4%
OATS	0	0	0.0%	18,917	9,502	99.08%	0	0	0.0%	79,897	55,708	43.4%
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%	1,875	2,614	-28.27%	0	0	0.0%	9,059	15,455	-41.4%
ROUGH RICE	0	0	0.0%	20,501	21,451	-4.43%	0	0	0.0%	106,717	112,365	-5.0%
SOYBEAN	0	0	0.0%	6,541,312	4,584,477	42.68%	0	0	0.0%	30,143,301	25,423,194	18.6%
SOYBEAN MEAL	0	0	0.0%	3,867,721	2,496,510	54.93%	0	0	0.0%	16,954,498	12,838,286	32.1%

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<b>Ag Products Futures</b>												
SOYBEAN OIL	0	0	0.0%	4,235,649	2,750,688	53.99%	0	0	0.0%	18,480,232	13,473,443	37.2%
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%	10	0	0.00%	0	0	0.0%	30	6,012	-99.5%
<b>Ag Products Options</b>												
AUG-DEC SOYBEAN MEAL CS	0	-	-	1,250	-		0	-	-	1,450	-	-
AUG-NOV SOYBEAN CAL SPR	0	-	-	1,060	-		0	-	-	1,060	-	-
BLOCK CHEESE	0	0	0.0%	572	1,508	-62.07%	0	0	0.0%	1,552	2,371	-34.5%
BUTTER CS	0	0	0.0%	1,400	2,150	-34.88%	0	0	0.0%	11,448	7,941	44.2%
CASH-SETTLED CHEESE	0	0	0.0%	7,695	6,774	13.60%	0	0	0.0%	37,811	39,703	-4.8%
CATTLE	0	0	0.0%	431,505	218,137	97.81%	0	0	0.0%	1,767,200	1,308,167	35.1%
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%	756,993	554,244	36.58%	0	0	0.0%	3,854,475	3,670,735	5.0%
CLASS IV MILK	0	0	0.0%	4,065	5,261	-22.73%	0	0	0.0%	32,929	38,466	-14.4%
CORN	0	0	0.0%	5,353,326	3,487,752	53.49%	0	0	0.0%	15,788,024	16,871,200	-6.4%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	44,807	32,192	39.19%	0	0	0.0%	230,163	155,176	48.3%
DEC-DEC CORN CAL SPRD	0	0	0.0%	4,139	0	0.00%	0	0	0.0%	5,238	0	0.0%
DEC-JULY CORN CAL SPRD	0	0	0.0%	6,917	3,767	83.62%	0	0	0.0%	12,142	7,107	70.8%
DEC-JULY WHEAT CAL SPRD	0	-	-	0	-		0	-	-	350	-	-
DRY WHEY	0	0	0.0%	0	3	-100.00%	0	0	0.0%	73	2,153	-96.6%
FEEDER CATTLE	0	0	0.0%	60,392	29,455	105.03%	0	0	0.0%	344,705	206,082	67.3%
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%	395,430	182,097	117.15%	0	0	0.0%	1,774,996	1,367,896	29.8%
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%	15,968	11,876	34.46%	0	0	0.0%	89,245	56,020	59.3%
JULY-DEC SOYMEAL CAL SPR	0	0	0.0%	245	435	-43.68%	0	0	0.0%	2,270	845	168.6%

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<b>Ag Products Options</b>												
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	500	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	1	-100.00%	0	0	0.0%	10	2	400.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	10,176	7,652	32.98%	0	0	0.0%	69,443	41,528	67.2%
KC WHEAT	0	0	0.0%	83,773	68,049	23.11%	0	0	0.0%	474,748	482,942	-1.7%
LUMBER	0	0	0.0%	366	299	22.41%	0	0	0.0%	1,458	2,863	-49.1%
LV CATL CSO	0	-	-	0	-		0	-	-	60	-	-
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%	2,350	0	0.00%	0	0	0.0%	11,981	9,575	25.1%
MAR-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	30	0	0.0%
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%	18,628	15,433	20.70%	0	0	0.0%	127,035	111,135	14.3%
MLK MID OPTIONS	0	0	0.0%	0	2	-100.00%	0	0	0.0%	15	45	-66.7%
NFD MILK	0	0	0.0%	4,486	2,848	57.51%	0	0	0.0%	22,017	22,001	0.1%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	200	600	-66.7%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	15	0	0.0%
OATS	0	0	0.0%	321	156	105.77%	0	0	0.0%	843	1,453	-42.0%
PORK CUTOUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	7	35	-80.0%
ROUGH RICE	0	0	0.0%	3,377	1,504	124.53%	0	0	0.0%	15,559	8,877	75.3%
SEP-DEC SOYBEAN MEAL CSC	0	-	-	0	-		0	-	-	0	-	-
SOYBEAN	0	0	0.0%	2,249,743	1,520,644	47.95%	0	0	0.0%	9,005,507	10,094,601	-10.8%
SOYBEAN CRUSH	0	0	0.0%	0	30	-100.00%	0	0	0.0%	5	151	-96.7%
SOYBEAN MEAL	0	0	0.0%	415,548	201,341	106.39%	0	0	0.0%	2,171,452	1,428,833	52.0%
SOYBEAN OIL	0	0	0.0%	697,431	241,939	188.27%	0	0	0.0%	2,144,488	1,433,224	49.6%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	24,966	530	4,610.57%	0	0	0.0%	42,488	19,563	117.2%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,230	1,100	102.7%
SOY OIL NEARBY+2 CAL SPRD	0	-	-	0	-		0	-	-	175	-	-
WHEAT	0	0	0.0%	999	0	0.00%	0	0	0.0%	12,937	815	1,487.4%
WHEAT-CORN ICSO	0	0	0.0%	20	600	-96.67%	0	0	0.0%	225	1,720	-86.9%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	107	4,901	-97.82%	0	0	0.0%	3,692	29,629	-87.5%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2023	Open Outcry JUN 2022	% CHG	ELEC JUN 2023	ELEC JUN 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
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	608,135	1,656,077	-63.3%	160,802,931	165,658,209	-2.9%	5,000,330	5,199,503	-3.8%	1,153,020,174	1,101,750,146	4.7%
Equity Index Futures	0	0	0.0%	114,862,957	145,739,791	-21.2%	0	0	0.0%	672,324,970	818,514,060	-17.9%
Metals Futures	0	0	0.0%	10,501,983	8,810,868	19.2%	0	0	0.0%	66,857,045	57,541,896	16.2%
Energy Futures	0	0	0.0%	38,048,148	35,215,906	8.0%	0	0	0.0%	212,092,143	230,310,367	-7.9%
FX Futures	0	0	0.0%	21,899,592	23,170,482	-5.5%	0	0	0.0%	109,556,714	107,981,476	1.5%
Ags Futures	0	0	0.0%	0	3	-100.0%	0	0	0.0%	4	5	-20.0%
Ag Products Futures	0	0	0.0%	33,412,450	23,915,059	39.7%	0	0	0.0%	150,128,158	130,125,543	15.4%
<b>TOTAL FUTURES</b>	<b>608,135</b>	<b>1,656,077</b>	<b>-63.3%</b>	<b>379,528,061</b>	<b>402,510,318</b>	<b>-5.7%</b>	<b>5,000,330</b>	<b>5,199,503</b>	<b>-3.8%</b>	<b>2,363,979,208</b>	<b>2,446,223,493</b>	<b>-3.4%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	25,810,799	23,195,696	11.3%	0	0	0.0%	149,735,099	139,010,319	7.7%
Interest Rate Options	21,727,287	16,626,838	30.7%	27,534,547	28,729,522	-4.2%	165,301,701	103,611,665	59.5%	209,616,548	172,525,054	21.5%
Metals Options	0	0	0.0%	1,188,516	1,017,826	16.8%	0	0	0.0%	9,022,312	6,967,620	29.5%
Energy Options	0	0	0.0%	4,140,968	3,118,762	32.8%	0	0	0.0%	20,828,038	19,838,592	5.0%
FX Options	0	0	0.0%	684,296	756,458	-9.5%	0	0	0.0%	4,148,944	4,673,673	-11.2%
Ag Products Options	0	0	0.0%	10,598,555	6,601,580	60.5%	0	0	0.0%	38,064,311	37,427,904	1.7%
<b>TOTAL OPTIONS</b>	<b>21,727,287</b>	<b>16,626,838</b>	<b>30.7%</b>	<b>69,957,681</b>	<b>63,419,844</b>	<b>10.3%</b>	<b>165,301,701</b>	<b>103,611,665</b>	<b>59.5%</b>	<b>431,415,252</b>	<b>380,443,162</b>	<b>13.4%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	22,335,422	18,282,915	22.2%	188,337,478	194,387,731	-3.1%	170,302,031	108,811,168	56.5%	1,362,636,722	1,274,275,200	6.9%
Equity Index	0	0	0.0%	140,673,756	168,935,487	-16.7%	0	0	0.0%	822,060,069	957,524,379	-14.1%
Metals	0	0	0.0%	11,690,499	9,828,694	18.9%	0	0	0.0%	75,879,357	64,509,516	17.6%
Energy	0	0	0.0%	42,189,116	38,334,668	10.1%	0	0	0.0%	232,920,181	250,148,959	-6.9%
FX	0	0	0.0%	22,583,888	23,926,940	-5.6%	0	0	0.0%	113,705,658	112,655,149	0.9%
Ags	0	0	0.0%	0	3	-100.0%	0	0	0.0%	4	5	-20.0%
Ag Products	0	0	0.0%	44,011,005	30,516,639	44.2%	0	0	0.0%	188,192,469	167,553,447	12.3%
<b>GRAND TOTAL</b>	<b>22,335,422</b>	<b>18,282,915</b>	<b>22.2%</b>	<b>449,485,742</b>	<b>465,930,162</b>	<b>-3.5%</b>	<b>170,302,031</b>	<b>108,811,168</b>	<b>56.5%</b>	<b>2,795,394,460</b>	<b>2,826,666,655</b>	<b>-1.1%</b>

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