

## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2022	Open Outcry JUN 2021	% CHG	ELEC JUN 2022	ELEC JUN 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Interest Rate Futures</b>												
10-YR Eris LIBOR	0	0	0.0%	8,879	2,816	215.31%	0	0	0.0%	30,050	11,543	160.3%
10-YR Eris SOFR	0	0	0.0%	398	30	1,226.67%	0	0	0.0%	498	120	315.0%
10-YR MAC LIBOR	0	0	0.0%	23,063	53,039	-56.52%	0	0	0.0%	118,807	344,324	-65.5%
10-YR NOTE	0	0	0.0%	32,556,373	32,364,912	0.59%	0	0	0.0%	239,996,531	239,966,641	0.0%
10Y YIELD	0	-	-	60,495	-	-	0	-	-	594,787	-	-
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%	47	0	0.00%	0	0	0.0%	274	0	0.0%
1-YR Eris BSBY	0	-	-	300	-	-	0	-	-	1,000	-	-
1-YR Eris SOFR	0	0	0.0%	30,678	35,100	-12.60%	0	0	0.0%	180,617	416,018	-56.6%
20-YR BOND	0	-	-	2,709	-	-	0	-	-	20,595	-	-
20-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
2-YR Eris LIBOR	0	0	0.0%	22,664	5,510	311.32%	0	0	0.0%	74,558	10,306	623.4%
2-YR Eris SOFR	0	0	0.0%	15,231	3,632	319.36%	0	0	0.0%	81,302	17,270	370.8%
2-YR NOTE	0	0	0.0%	11,521,137	6,298,014	82.93%	0	0	0.0%	82,532,945	51,930,212	58.9%
2Y YIELD	0	-	-	9,449	-	-	0	-	-	48,451	-	-
30-YR BOND	0	0	0.0%	7,004,062	7,644,115	-8.37%	0	0	0.0%	50,672,287	58,303,740	-13.1%
30-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	185	0	0.0%
30-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	304	0	0.0%
30Y YIELD	0	-	-	9,053	-	-	0	-	-	66,957	-	-
3-YR Eris BSBY	0	-	-	0	-	-	0	-	-	4	-	-
3-YR Eris LIBOR	0	0	0.0%	6,174	6,574	-6.08%	0	0	0.0%	45,493	15,216	199.0%
3-YR Eris SOFR	0	0	0.0%	3,847	2,453	56.83%	0	0	0.0%	21,370	7,436	187.4%
3-YR NOTE	0	0	0.0%	416,548	187,340	122.35%	0	0	0.0%	2,114,591	1,056,744	100.1%
4-YR Eris LIBOR	0	0	0.0%	2,898	5,047	-42.58%	0	0	0.0%	25,152	10,281	144.6%
4-YR Eris SOFR	0	0	0.0%	1,464	1,220	20.00%	0	0	0.0%	4,565	3,230	41.3%
5-YR Eris LIBOR	0	0	0.0%	33,442	19,940	67.71%	0	0	0.0%	155,533	140,924	10.4%
5-YR Eris SOFR	0	0	0.0%	2,947	100	2,847.00%	0	0	0.0%	14,535	1,425	920.0%
5-YR MAC LIBOR	0	0	0.0%	41,804	57,153	-26.86%	0	0	0.0%	187,373	308,796	-39.3%
5-YR NOTE	0	0	0.0%	21,874,829	18,090,138	20.92%	0	0	0.0%	166,740,129	138,626,143	20.3%
5Y YIELD	0	-	-	3,923	-	-	0	-	-	15,878	-	-
7-YR Eris LIBOR	0	0	0.0%	2,228	2,312	-3.63%	0	0	0.0%	16,657	14,012	18.9%
7-YR Eris SOFR	0	-	-	28	-	-	0	-	-	178	-	-
BSBY 3-MONTH FUTURES	0	-	-	11,625	-	-	0	-	-	434,195	-	-

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<b>Interest Rate Futures</b>												
EURODOLLARS	1,579,832	427,596	269.5%	33,237,161	58,632,635	-43.31%	5,054,671	2,464,971	105.1%	261,808,155	298,106,220	-12.2%
FED FUND	0	0	0.0%	7,891,416	2,431,388	224.56%	0	0	0.0%	43,986,534	11,728,718	275.0%
SOFR	76,245	0	0.0%	41,198,362	2,704,599	1,423.27%	144,832	0	0.0%	173,842,929	13,925,645	1,148.4%
SONIA	0	0	0.0%	190	39,468	-99.52%	0	0	0.0%	1,236	681,687	-99.8%
TIIE	0	0	0.0%	122	3	3,966.67%	0	0	0.0%	588	53	1,009.4%
Ultra 10-Year Note	0	0	0.0%	6,324,371	6,051,445	4.51%	0	0	0.0%	49,326,109	44,935,892	9.8%
ULTRA T-BOND	0	0	0.0%	3,340,292	3,658,647	-8.70%	0	0	0.0%	28,588,794	28,194,209	1.4%
<b>Interest Rate Options</b>												
10-YR NOTE	0	0	0.0%	13,847,049	13,244,200	4.55%	0	0	0.0%	81,370,177	82,888,478	-1.8%
2-YR NOTE	0	0	0.0%	55,307	22,182	149.33%	0	0	0.0%	165,317	91,499	80.7%
30-YR BOND	0	0	0.0%	2,631,565	2,930,776	-10.21%	0	0	0.0%	15,345,000	16,683,492	-8.0%
5-YR NOTE	0	0	0.0%	4,499,916	3,826,385	17.60%	0	0	0.0%	30,660,635	19,278,553	59.0%
EURODOLLARS	8,302,599	2,726,848	204.5%	3,216,672	1,470,332	118.77%	58,058,897	16,624,469	249.2%	23,177,975	8,655,544	167.8%
EURO MIDCURVE	3,356,472	12,256,646	-72.6%	1,865,205	6,226,597	-70.04%	35,354,516	62,970,198	-43.9%	18,056,127	32,528,792	-44.5%
FED FUND	0	0	0.0%	2	0	0.00%	0	0	0.0%	44	0	0.0%
SOFR	4,002,285	3,900	102,522.7%	2,057,636	61	3,373,073.77%	7,563,377	7,000	107,948.2%	2,814,544	1,291	217,912.7%
SOFR MIDCURVE	965,482	0	0.0%	554,871	0	0.00%	2,634,875	0	0.0%	917,356	50	1,834,612.0%
Ultra 10-Year Note	0	0	0.0%	0	0	0.00%	0	0	0.0%	741	0	0.0%
ULTRA T-BOND	0	0	0.0%	1,299	880	47.61%	0	0	0.0%	17,138	3,554	382.2%
<b>Equity Index Futures</b>												
BITCOIN	0	0	0.0%	255,906	181,850	40.72%	0	0	0.0%	1,155,333	1,429,318	-19.2%
DJ US REAL ESTATE	0	0	0.0%	47,485	43,967	8.00%	0	0	0.0%	213,011	194,080	9.8%
E-mini (\$5) Dow	0	0	0.0%	4,376,070	3,430,547	27.56%	0	0	0.0%	27,255,903	22,219,294	22.7%
E-MINI COM SERVICES SELEC	0	0	0.0%	6,204	5,036	23.19%	0	0	0.0%	21,686	18,177	19.3%
E-mini FTSE China 50	0	0	0.0%	577	20	2,785.00%	0	0	0.0%	6,664	20	33,220.0%
E-MINI MIDCAP	0	0	0.0%	444,354	332,033	33.83%	0	0	0.0%	2,121,942	1,543,721	37.5%
E-MINI NASDAQ 100	0	0	0.0%	15,466,734	10,562,346	46.43%	0	0	0.0%	89,162,395	68,312,290	30.5%

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<b>Equity Index Futures</b>												
E-MINI RUSSELL 1000	0	0	0.0%	5,062	10,687	-52.63%	0	0	0.0%	20,531	25,998	-21.0%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	6,102	6,219	-1.88%	0	0	0.0%	32,581	18,227	78.8%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	21,405	14,015	52.73%	0	0	0.0%	55,240	54,627	1.1%
E-MINI RUSSELL 2000	0	0	0.0%	6,061,810	4,297,454	41.06%	0	0	0.0%	31,300,894	24,605,132	27.2%
E-MINI S&P500	0	0	0.0%	47,644,601	32,345,913	47.30%	0	0	0.0%	242,095,508	203,691,940	18.9%
E-MINI S&P500 ESG	0	0	0.0%	28,178	14,834	89.96%	0	0	0.0%	167,675	83,134	101.7%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	9,164	10,447	-12.28%	0	0	0.0%	27,169	26,288	3.4%
ETHER FUTURES	0	0	0.0%	188,487	67,350	179.86%	0	0	0.0%	728,816	264,367	175.7%
FT-SE 100	0	0	0.0%	2	171	-98.83%	0	0	0.0%	1,139	179	536.3%
FTSE Emerging	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	0	0	0.0%	60	118	-49.15%	0	0	0.0%	400	1,161	-65.5%
MICRO BITCOIN	0	0	0.0%	302,541	452,974	-33.21%	0	0	0.0%	2,305,145	1,058,895	117.7%
MICRO E-MINI NASDAQ 100	0	0	0.0%	32,867,206	14,918,829	120.31%	0	0	0.0%	195,551,040	120,818,235	61.9%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	2,754,444	2,132,522	29.16%	0	0	0.0%	19,617,875	19,267,008	1.8%
MICRO E-MINI S&P500	0	0	0.0%	29,603,057	13,958,415	112.08%	0	0	0.0%	170,793,915	113,305,641	50.7%
MICRO ETHER	0	-	-	381,994	-		0	-	-	2,504,109	-	-
MICRO MINI \$5 DOW	0	0	0.0%	3,854,475	2,039,237	89.02%	0	0	0.0%	26,159,926	16,128,699	62.2%
NASDAQ-100 VOLATILITY	0	0	0.0%	758	17	4,358.82%	0	0	0.0%	17,694	49	36,010.2%
NASDAQ BIOTECH	0	0	0.0%	573	1,024	-44.04%	0	0	0.0%	1,204	3,748	-67.9%
Nearby BTIC+	0	0	0.0%	950	202	370.30%	0	0	0.0%	3,550	306	1,060.1%
NIKKEI 225 (\$) STOCK	0	0	0.0%	146,550	132,777	10.37%	0	0	0.0%	779,810	779,319	0.1%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	944,053	646,272	46.08%	0	0	0.0%	5,111,634	3,879,485	31.8%
S&P 500	0	0	0.0%	57	319	-82.13%	0	0	0.0%	1,803	11,698	-84.6%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	28,863	21,063	37.03%	0	0	0.0%	189,465	94,390	100.7%
S&P 500/GI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	1,934	40	4,735.00%	0	0	0.0%	5,205	547	851.6%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	10,176	9,185	10.79%	0	0	0.0%	44,663	64,394	-30.6%
S&P CONSUMER STAPLES SE	0	0	0.0%	28,527	35,370	-19.35%	0	0	0.0%	101,986	106,736	-4.5%
S&P ENERGY SECTOR	0	0	0.0%	83,735	40,978	104.34%	0	0	0.0%	282,360	176,822	59.7%
S&P FINANCIAL SECTOR	0	0	0.0%	47,809	66,218	-27.80%	0	0	0.0%	164,931	219,936	-25.0%
S&P HEALTH CARE SECTOR	0	0	0.0%	34,023	26,485	28.46%	0	0	0.0%	126,147	90,337	39.6%
S&P INDUSTRIAL SECTOR	0	0	0.0%	22,546	23,981	-5.98%	0	0	0.0%	86,878	67,511	28.7%
S&P MATERIALS SECTOR	0	0	0.0%	14,168	15,484	-8.50%	0	0	0.0%	50,583	55,540	-8.9%

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<b>Equity Index Futures</b>												
S&P TECHNOLOGY SECTOR	0	0	0.0%	25,268	20,473	23.42%	0	0	0.0%	122,310	75,316	62.4%
S&P UTILITIES SECTOR	0	0	0.0%	23,590	23,830	-1.01%	0	0	0.0%	108,833	92,810	17.3%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WATER INDEX FUTURES	0	0	0.0%	10	63	-84.13%	0	0	0.0%	556	799	-30.4%
YEN DENOMINATED TOPIX	0	0	0.0%	283	920	-69.24%	0	0	0.0%	15,551	7,723	101.4%
<b>Equity Index Options</b>												
BITCOIN OPTIONS	0	0	0.0%	1,845	984	87.50%	0	0	0.0%	8,346	7,332	13.8%
E-mini (\$5) Dow	0	0	0.0%	2,903	1,323	119.43%	0	0	0.0%	14,507	9,486	52.9%
E-MINI NASDAQ 100	0	0	0.0%	1,177,741	539,072	118.48%	0	0	0.0%	6,095,162	3,129,978	94.7%
E-mini Russell 2000	0	0	0.0%	86,221	66,059	30.52%	0	0	0.0%	704,994	473,049	49.0%
E-MINI RUSSELL 2000	0	0	0.0%	35,680	23,812	49.84%	0	0	0.0%	213,208	175,523	21.5%
E-mini S&P 500	0	0	0.0%	10,133,167	5,854,347	73.09%	0	0	0.0%	68,140,513	38,592,403	76.6%
E-MINI S&P500	0	0	0.0%	11,446,036	5,970,595	91.71%	0	0	0.0%	61,922,839	34,307,189	80.5%
EOM S&P 500	0	0	0.0%	0	224	-100.00%	0	0	0.0%	0	1,564	-100.0%
MICRO BITCOIN	0	-	-	12,802	-		0	-	-	25,009	-	-
Micro E-mini Nasdaq-100	0	0	0.0%	32,916	27,922	17.89%	0	0	0.0%	292,604	144,535	102.4%
MICRO E-MINI NASDAQ 100	0	0	0.0%	15,268	10,155	50.35%	0	0	0.0%	81,925	32,272	153.9%
Micro E-mini S&P 500	0	0	0.0%	240,304	134,235	79.02%	0	0	0.0%	1,491,175	814,191	83.1%
MICRO ETHER	0	-	-	10,813	-		0	-	-	20,037	-	-
S&P 500	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	200	-100.0%

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<b>Metals Futures</b>												
ALUMINUM	0	0	0.0%	32,161	13,314	141.56%	0	0	0.0%	120,444	51,773	132.6%
COBALT METAL FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	11	12	-8.3%
COMEX COPPER	0	0	0.0%	1,999,657	2,556,825	-21.79%	0	0	0.0%	10,301,175	14,193,784	-27.4%
COMEX E-Mini GOLD	0	0	0.0%	26,483	19,447	36.18%	0	0	0.0%	187,631	137,693	36.3%
COMEX E-Mini SILVER	0	0	0.0%	3,245	5,453	-40.49%	0	0	0.0%	24,097	44,763	-46.2%
COMEX GOLD	0	0	0.0%	3,484,734	4,694,680	-25.77%	0	0	0.0%	27,539,365	31,015,469	-11.2%
COMEX MINY COPPER	0	0	0.0%	4,134	5,162	-19.91%	0	0	0.0%	22,287	24,536	-9.2%
COMEX SILVER	0	0	0.0%	1,576,235	1,964,063	-19.75%	0	0	0.0%	8,470,746	11,292,211	-25.0%
COPPER	0	0	0.0%	87,414	0	0.00%	0	0	0.0%	130,331	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	288	925	-68.86%	0	0	0.0%	3,001	5,480	-45.2%
GOLD	0	0	0.0%	1,445	4,460	-67.60%	0	0	0.0%	51,407	23,731	116.6%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	546	71	669.01%	0	0	0.0%	3,883	884	339.3%
IRON ORE 62 CHINA TSI FUTU	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE CHINA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	4	-100.0%
METALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	51	0	0.0%
MICRO GOLD	0	0	0.0%	922,500	1,239,095	-25.55%	0	0	0.0%	6,886,865	7,765,240	-11.3%
NYMEX HOT ROLLED STEEL	0	0	0.0%	5,102	2,651	92.46%	0	0	0.0%	29,286	28,275	3.6%
NYMEX PLATINUM	0	0	0.0%	511,779	481,246	6.34%	0	0	0.0%	2,482,662	2,185,163	13.6%
PALLADIUM	0	0	0.0%	27,555	29,432	-6.38%	0	0	0.0%	277,192	270,085	2.6%
SILVER	0	0	0.0%	127,590	194,898	-34.53%	0	0	0.0%	1,011,438	1,435,316	-29.5%
URANIUM	0	0	0.0%	0	5	-100.00%	0	0	0.0%	24	465	-94.8%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2022	Open Outcry JUN 2021	% CHG	ELEC JUN 2022	ELEC JUN 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Metals Options</b>												
ALUMINUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COMEX COPPER	0	0	0.0%	72,383	52,868	36.91%	0	0	0.0%	348,487	248,160	40.4%
COMEX GOLD	0	0	0.0%	622,088	609,857	2.01%	0	0	0.0%	4,636,098	3,720,819	24.6%
COMEX SILVER	0	0	0.0%	82,065	162,905	-49.62%	0	0	0.0%	614,514	958,091	-35.9%
COPPER	0	0	0.0%	2,099	16	13,018.75%	0	0	0.0%	4,470	106	4,117.0%
GOLD	0	0	0.0%	221,819	185,006	19.90%	0	0	0.0%	1,252,096	980,783	27.7%
HOT ROLLED COIL STEEL CAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL PUT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI CALL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI PUT O	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE CHINA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX HOT ROLLED STEEL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX PLATINUM	0	0	0.0%	652	928	-29.74%	0	0	0.0%	3,560	3,386	5.1%
PALLADIUM	0	0	0.0%	7	20	-65.00%	0	0	0.0%	104	614	-83.1%
SILVER	0	0	0.0%	16,713	14,425	15.86%	0	0	0.0%	108,291	52,526	106.2%
<b>Energy Futures</b>												
3.5% FUEL OIL CID MED SWA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
AEP-DAYTON HUB DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS PROPAN FAR EST IND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS PROPAN(SAUDI ARAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
AUSTRIALIAN COKE COAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BRENT BALMO SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT FINANCIAL FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	1,194,729	1,688,811	-29.26%	0	0	0.0%	9,171,807	12,277,064	-25.3%
CAR VINTAGE	0	0	0.0%	3,371	80	4,113.75%	0	0	0.0%	22,006	241	9,031.1%
CHICAGO ETHANOL SWAP	0	0	0.0%	8	26	-69.23%	0	0	0.0%	913	778	17.4%
CHICAGO ULSD PL VS HO SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Energy Futures</b>												
CIG BASIS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW D AH PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME O P	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
COLUMB GULF MAINLINE NG B	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CONWAY NATURAL GASOLINE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY NORMAL BUTANE (O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY PROPANE 5 DECIMA	0	0	0.0%	60	0	0.00%	0	0	0.0%	60	24	150.0%
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%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	0	0	0.0%	18,230,475	19,805,072	-7.95%	0	0	0.0%	124,746,068	122,802,997	1.6%
CRUDE OIL SPRDS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL TRADE AT MARKE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DAILY PJM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DATED TO FRONTLINE BRENT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DIESEL 10P BRG FOB RDM VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DOMINION TRANSMISSION INC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL BALMO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DUBAI CRUDE OIL CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DUTCH TTF NATURAL GAS CA	0	0	0.0%	167	37,589	-99.56%	0	0	0.0%	10,807	303,140	-96.4%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	0	1	-100.00%	0	0	0.0%	0	1	-100.0%
ELEC FINSETTLED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EMMISSIONS	0	-	-	3,779	-		0	-	-	5,832	-	-
ETHANOL	0	0	0.0%	0	32	-100.00%	0	0	0.0%	0	260	-100.0%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL T2 FOB ROTT INCL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO 3.5% FUEL OIL SPREAD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EURO GASOIL 10PPM VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL NWE CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Energy Futures</b>												
EUROPE 1% FUEL OIL RDAM C	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EUROPE 3.5% FUEL OIL MED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN GASOIL (ICE)	0	0	0.0%	591	24	2,362.50%	0	0	0.0%	2,087	268	678.7%
EUROPEAN NAPHTHA BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN NAPHTHA CRACK S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE DATED BRENT SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE NAPHTHA CALSWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO PROPANE CIF ARA SW	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL CRACK VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CM	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
FUELOIL SWAP:CARGOES VS.	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1CIF MED VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 ROTTERDAM BAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 10PPM VS ICE SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GASOIL CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL CRACK SPREAD CALE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL MINI CALENDAR SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GERMAN POWER BASELOAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	48	-100.0%
GROUP THREE UNLEAD GAS (	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GRP THREE ULSD(PLT)VS HEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GRP THREE UNL GS (PLT) VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST 3% FUEL OIL BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST JET FUEL CLNDF	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST NO.6 FUEL OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CALEND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Energy Futures</b>												
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%	3,061,623	2,613,476	17.15%	0	0	0.0%	20,062,831	17,419,076	15.2%
HENRY HUB BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HENRY HUB FINANCIAL LAST	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HENRY HUB INDEX SWAP FUT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HENRY HUB SWAP	0	0	0.0%	2	0	0.00%	0	0	0.0%	1,240	31	3,900.0%
HOUSTON SHIP CHANNEL BAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HTG OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ICE GASOIL BALMO SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
INDIANA MISO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA CRACK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN NAPHTHA BALMO SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JET CIF NWE VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JET FUEL UP-DOWN BALMO C	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JKM LNG Futures	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA CARBOB GASOLINE(OPIS)S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA JET (OPIS) SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LLS (ARGUS) CALENDAR SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LOS ANGELES CARB GASOLIN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
LTD NAT GAS	0	0	0.0%	273,487	271,870	0.59%	0	0	0.0%	1,556,398	1,269,188	22.6%
MARS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI TRD M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS BLEND CRUDE OIL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	841	1,644	-48.84%	0	0	0.0%	4,925	15,807	-68.8%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	81	-100.0%
MGN1 SWAP FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MICHIGAN BASIS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MINI GAS EUROBOB OXY NWE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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<b>Energy Futures</b>												
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%	8	5	60.00%	0	0	0.0%	46	38	21.1%
MINY NATURAL GAS	0	0	0.0%	391,617	100,875	288.22%	0	0	0.0%	1,928,671	642,611	200.1%
MINY RBOB GAS	0	0	0.0%	7	11	-36.36%	0	0	0.0%	53	55	-3.6%
MINY WTI CRUDE OIL	0	0	0.0%	512,768	423,914	20.96%	0	0	0.0%	3,747,885	2,416,668	55.1%
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	10	-100.00%	0	0	0.0%	235	150	56.7%
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%	39	62	-37.10%	0	0	0.0%	138	119	16.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS	0	0	0.0%	51,735	54,449	-4.98%	0	0	0.0%	301,011	244,006	23.4%
NATURAL GAS PEN SWP	0	0	0.0%	0	11	-100.00%	0	0	0.0%	0	99	-100.0%
NATURAL GAS PHY	0	0	0.0%	7,898,460	8,856,720	-10.82%	0	0	0.0%	46,490,963	46,546,611	-0.1%
NEPOOL INTR HUB 5MW D AH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NEPOOL NE MASS 5MW D AH	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NEW ENGLAND HUB PEAK DAI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE G PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NGPL TEX/OK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
N ILLINOIS HUB DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NORTHWEST ROCKIES BASIS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY1% VS GC SPREAD SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR 1% FUEL OIL BAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	5	0	0.00%	0	0	0.0%	31	16	93.8%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2022	Open Outcry JUN 2021	% CHG	ELEC JUN 2022	ELEC JUN 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Energy Futures</b>												
NY HARBOR LOW SULPUR GA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYH NO 2 CRACK SPREAD CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO CAPACITY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO ZONE G 5MW D AH O P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH O P	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO ZONE J 5MW D AH PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYMEX ALUMINUM FUTURES	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYMEX ULSD VS NYMEX HO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY ULSD (ARGUS) VS HEATIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PANHANDLE BASIS SWAP FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS ASIA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM DAYTON DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM MONTHLY	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM NI HUB 5MW REAL TIME	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK C	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM PSEG DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM PSEG DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM WESTH DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM WESTHDA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM WESTH RT OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2022	Open Outcry JUN 2021	% CHG	ELEC JUN 2022	ELEC JUN 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Energy Futures</b>												
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 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%	3,592,134	3,678,369	-2.34%	0	0	0.0%	22,256,360	22,877,290	-2.7%
RBOB VS HEATING OIL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SAN JUAN BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SINGAPORE 180CST BALMO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SINGAPORE 380CST BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE 380CST FUEL OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL 180CST CAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SINGAPORE FUEL OIL 180 CS	0	-	-	0	-		0	-	-	0	-	-
SINGAPORE FUEL OIL SPREA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALEND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO BALMO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SINGAPORE JET KERO GASOI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET KEROSENE S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Sumas Basis Swap	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TC2 ROTTERDAM TO USAC 37	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TC5 RAS TANURA TO YOKOHA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TCO BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TD3 MEG TO JAPAN 250K MT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAP	-	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 2022	Open Outcry JUN 2021	% CHG	ELEC JUN 2022	ELEC JUN 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Energy Futures</b>												
UK NBP NAT GAS CAL MTH FU	0	0	0.0%	0	50	-100.00%	0	0	0.0%	0	2,535	-100.0%
ULSD UP-DOWN BALMO SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
UP DOWN GC ULSD VS NMX H	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WAHA BASIS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
WTI-BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI MIDLAND CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI TRD MT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
<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%	4,135	2,584	60.02%	0	0	0.0%	12,332	20,528	-39.9%
COAL API2 INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	830	0	0.00%	0	0	0.0%	29,551	42,180	-29.9%
CRUDE OIL APO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL CALNDR STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	0	0	0.0%	1,947,896	2,005,650	-2.88%	0	0	0.0%	13,261,569	10,845,769	22.3%
ELEC FINSETTLED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	0	-	-	0	-		0	-	-	0	-	-
HEATING OIL CRK SPD AVG P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	0	0.0%	1,855	2,041	-9.11%	0	0	0.0%	16,028	9,926	61.5%
HENRY HUB FINANCIAL LAST	0	0	0.0%	20	0	0.00%	0	0	0.0%	86	40	115.0%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LLS CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKEY RCH BAY COAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NATURAL GAS	0	-	-	110	-		0	-	-	3,564	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2022	Open Outcry JUN 2021	% CHG	ELEC JUN 2022	ELEC JUN 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Energy Options</b>												
NATURAL GAS 1 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	4,900	4,250	15.3%
NATURAL GAS 2 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	0	0	0.0%	0	100	-100.00%	0	0	0.0%	400	200	100.0%
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%	1,161,777	1,381,335	-15.89%	0	0	0.0%	6,498,208	7,058,928	-7.9%
NATURAL GAS SUMMER STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS WINTER STRIP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
N ROCKIES PIPE SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	290	95	205.26%	0	0	0.0%	739	480	54.0%
PETROCHEMICALS	0	0	0.0%	0	11	-100.00%	0	0	0.0%	11	55	-80.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	0	-	-	0	-		0	-	-	0	-	-
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%	1,095	2,637	-58.48%	0	0	0.0%	6,578	13,928	-52.8%
SAN JUAN PIPE SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SHORT TERM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	754	1,000	-24.60%	0	0	0.0%	4,355	7,100	-38.7%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	0	0.00%	0	0	0.0%	271	900	-69.9%

### FX Futures

AD/CD CROSS RATES	0	0	0.0%	110	6	1,733.33%	0	0	0.0%	314	134	134.3%
AD/JY CROSS RATES	0	0	0.0%	4,334	2,286	89.59%	0	0	0.0%	32,392	12,913	150.8%
AD/NE CROSS RATES	0	0	0.0%	2,153	196	998.47%	0	0	0.0%	10,677	987	981.8%
AUSTRALIAN DOLLAR	0	0	0.0%	2,464,858	2,420,564	1.83%	0	0	0.0%	12,272,777	12,952,051	-5.2%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2022	Open Outcry JUN 2021	% CHG	ELEC JUN 2022	ELEC JUN 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>FX Futures</b>												
BP/JY CROSS RATES	0	0	0.0%	5,736	3,591	59.73%	0	0	0.0%	23,025	14,291	61.1%
BP/SF CROSS RATES	0	0	0.0%	1,610	927	73.68%	0	0	0.0%	11,837	3,611	227.8%
BRAZIL REAL	0	0	0.0%	287,556	270,979	6.12%	0	0	0.0%	1,762,036	1,364,885	29.1%
BRITISH POUND	0	0	0.0%	2,838,007	2,518,847	12.67%	0	0	0.0%	13,845,375	11,711,528	18.2%
CANADIAN DOLLAR	0	0	0.0%	2,321,132	1,988,595	16.72%	0	0	0.0%	10,647,867	9,877,734	7.8%
CD/JY CROSS RATES	0	0	0.0%	14	9	55.56%	0	0	0.0%	265	561	-52.8%
CHINESE RENMINBI (CNH)	0	0	0.0%	29,585	22,750	30.04%	0	0	0.0%	159,263	98,679	61.4%
CZECK KORUNA (EC)	0	0	0.0%	2	0	0.00%	0	0	0.0%	18	2	800.0%
CZECK KORUNA (US)	0	0	0.0%	3	2	50.00%	0	0	0.0%	18	5	260.0%
EC/AD CROSS RATES	0	0	0.0%	8,005	9,364	-14.51%	0	0	0.0%	32,532	29,695	9.6%
EC/CD CROSS RATES	0	0	0.0%	17,133	15,349	11.62%	0	0	0.0%	51,366	43,326	18.6%
EC/NOK CROSS RATES	0	0	0.0%	1,407	1,237	13.74%	0	0	0.0%	7,569	3,766	101.0%
EC/SEK CROSS RATES	0	0	0.0%	2,309	1,411	63.64%	0	0	0.0%	11,045	4,115	168.4%
EFX/BP CROSS RATES	0	0	0.0%	121,640	106,872	13.82%	0	0	0.0%	562,182	338,563	66.0%
EFX/JY CROSS RATES	0	0	0.0%	76,964	81,630	-5.72%	0	0	0.0%	354,778	230,586	53.9%
EFX/SF CROSS RATES	0	0	0.0%	64,688	40,590	59.37%	0	0	0.0%	269,664	131,428	105.2%
E-MICRO USD/CAD	0	-	-	150	-		0	-	-	1,592	-	-
E-MICRO USD/CHF	0	-	-	209	-		0	-	-	569	-	-
E-MICRO USD/JPY	0	-	-	59,702	-		0	-	-	102,009	-	-
E-MINI EURO FX	0	0	0.0%	159,747	152,287	4.90%	0	0	0.0%	805,873	817,462	-1.4%
E-MINI JAPANESE YEN	0	0	0.0%	14,007	7,834	78.80%	0	0	0.0%	55,117	54,721	0.7%
EURO FX	0	0	0.0%	6,056,634	5,268,632	14.96%	0	0	0.0%	27,763,060	24,832,526	11.8%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	2	51	-96.08%	0	0	0.0%	35	123	-71.5%
INDIAN RUPEE	0	0	0.0%	22,568	12,450	81.27%	0	0	0.0%	120,136	85,583	40.4%
JAPANESE YEN	0	0	0.0%	3,960,987	2,504,706	58.14%	0	0	0.0%	17,382,320	13,078,341	32.9%
KOREAN WON	0	0	0.0%	226	937	-75.88%	0	0	0.0%	2,225	10,084	-77.9%
MEXICAN PESO	0	0	0.0%	1,755,721	1,511,409	16.16%	0	0	0.0%	6,824,881	6,765,668	0.9%
MICRO AUD/USD	0	0	0.0%	263,379	168,689	56.13%	0	0	0.0%	1,621,740	1,346,361	20.5%
MICRO CAD/USD	0	0	0.0%	64,812	62,499	3.70%	0	0	0.0%	352,241	308,737	14.1%
MICRO CHF/USD	0	0	0.0%	26,812	9,854	172.09%	0	0	0.0%	88,785	56,448	57.3%
MICRO EUR/USD	0	0	0.0%	776,924	492,097	57.88%	0	0	0.0%	4,218,483	3,037,310	38.9%
MICRO GBP/USD	0	0	0.0%	126,812	79,008	60.51%	0	0	0.0%	563,901	426,998	32.1%
MICRO INR/USD	0	0	0.0%	821	1,315	-37.57%	0	0	0.0%	4,884	12,224	-60.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2022	Open Outcry JUN 2021	% CHG	ELEC JUN 2022	ELEC JUN 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>FX Futures</b>												
MICRO JPY/USD	0	0	0.0%	0	36,983	-100.00%	0	0	0.0%	101,719	190,162	-46.5%
MICRO USD/CNH	0	0	0.0%	0	16	-100.00%	0	0	0.0%	2	36	-94.4%
NEW ZEALND DOLLAR	0	0	0.0%	724,775	600,476	20.70%	0	0	0.0%	3,570,368	3,573,932	-0.1%
NKR/USD CROSS RATE	0	0	0.0%	4,122	6,875	-40.04%	0	0	0.0%	19,282	28,769	-33.0%
POLISH ZLOTY (EC)	0	0	0.0%	324	315	2.86%	0	0	0.0%	977	901	8.4%
POLISH ZLOTY (US)	0	0	0.0%	1,859	1,326	40.20%	0	0	0.0%	8,420	5,723	47.1%
RMB USD	0	0	0.0%	5	2	150.00%	0	0	0.0%	10	2	400.0%
RUSSIAN RUBLE	0	0	0.0%	644	155,367	-99.59%	0	0	0.0%	576,558	600,394	-4.0%
S.AFRICAN RAND	0	0	0.0%	147,556	75,553	95.30%	0	0	0.0%	564,398	323,441	74.5%
SF/JY CROSS RATES	0	0	0.0%	1,353	14	9,564.29%	0	0	0.0%	3,383	144	2,249.3%
SHEKEL	0	0	0.0%	21	3	600.00%	0	0	0.0%	80	15	433.3%
SKR/USD CROSS RATES	0	0	0.0%	10,661	7,391	44.24%	0	0	0.0%	39,353	27,835	41.4%
SWISS FRANC	0	0	0.0%	742,398	599,346	23.87%	0	0	0.0%	3,134,018	2,909,937	7.7%
TURKISH LIRA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	8	-100.0%
USDZAR	0	0	0.0%	4	11	-63.64%	0	0	0.0%	31	60	-48.3%
<b>FX Options</b>												
AUD/USD MONDAY OPTION W	0	0	0.0%	72	290	-75.17%	0	0	0.0%	1,669	2,326	-28.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	336	50	572.00%	0	0	0.0%	3,053	1,790	70.6%
AUD/USD MONDAY OPTION W	0	0	0.0%	98	442	-77.83%	0	0	0.0%	1,986	2,387	-16.8%
AUD/USD MONDAY OPTION W	0	0	0.0%	128	561	-77.18%	0	0	0.0%	2,301	2,700	-14.8%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	779	23	3,287.0%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	80,192	52,456	52.87%	0	0	0.0%	423,894	267,170	58.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,526	2,658	-42.59%	0	0	0.0%	2,946	3,616	-18.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	308	1,182	-73.94%	0	0	0.0%	10,836	9,742	11.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,223	3,097	-60.51%	0	0	0.0%	13,288	16,013	-17.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,003	2,650	-62.15%	0	0	0.0%	9,163	18,872	-51.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	245	317	-22.71%	0	0	0.0%	1,965	3,386	-42.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	451	799	-43.55%	0	0	0.0%	5,381	7,348	-26.8%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	410	374	9.63%	0	0	0.0%	3,228	4,335	-25.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	843	109	673.39%	0	0	0.0%	1,876	2,441	-23.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	703	767	-8.34%	0	0	0.0%	3,673	6,339	-42.1%

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<b>FX Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	48	844	-94.31%	0	0	0.0%	259	1,408	-81.6%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	122	8	1,425.00%	0	0	0.0%	2,086	1,781	17.1%
CAD/USD MONDAY OPTIONS	0	0	0.0%	95	132	-28.03%	0	0	0.0%	1,094	4,351	-74.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,175	1,769	-33.58%	0	0	0.0%	7,775	6,746	15.3%
CAD/USD MONDAY OPTIONS	0	0	0.0%	349	958	-63.57%	0	0	0.0%	4,819	2,474	94.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	285	3,123	-90.87%	0	0	0.0%	4,985	6,714	-25.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,256	612	105.2%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	55,098	61,506	-10.42%	0	0	0.0%	375,507	322,801	16.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,855	7,720	-75.97%	0	0	0.0%	7,660	14,088	-45.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,826	7,482	-62.23%	0	0	0.0%	22,516	26,684	-15.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,420	8,220	-21.90%	0	0	0.0%	32,553	37,739	-13.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,731	6,970	-46.47%	0	0	0.0%	29,715	39,499	-24.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	45	115	-60.87%	0	0	0.0%	4,326	9,985	-56.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	476	1,021	-53.38%	0	0	0.0%	5,860	6,109	-4.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	758	1,783	-57.49%	0	0	0.0%	6,597	7,964	-17.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	964	1,273	-24.27%	0	0	0.0%	9,260	8,582	7.9%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,509	3,992	-37.15%	0	0	0.0%	11,971	8,809	35.9%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,174	2,020	-41.88%	0	0	0.0%	4,112	3,241	26.9%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	2,103	5,229	-59.78%	0	0	0.0%	29,481	29,078	1.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	43	158	-72.78%	0	0	0.0%	573	214	167.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	42	90	-53.33%	0	0	0.0%	834	1,548	-46.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	51	56	-8.93%	0	0	0.0%	466	1,227	-62.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	142	328	-56.71%	0	0	0.0%	950	2,229	-57.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	50	-100.00%	0	0	0.0%	14	72	-80.6%
EUR/GBP MONTHLY OPTIONS	0	-	-	0	-		0	-	-	204	-	-
EUR/GBP WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	213	430	-50.47%	0	0	0.0%	10,254	6,574	56.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,030	1,304	55.67%	0	0	0.0%	17,509	10,930	60.2%
EUR/USD MONDAY OPTION W	0	0	0.0%	184	2,893	-93.64%	0	0	0.0%	5,778	6,584	-12.2%
EUR/USD MONDAY OPTION W	0	0	0.0%	836	3,308	-74.73%	0	0	0.0%	18,009	12,930	39.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,856	1,587	80.0%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	185,061	241,098	-23.24%	0	0	0.0%	1,342,986	1,229,894	9.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	11,174	16,852	-33.69%	0	0	0.0%	35,686	28,750	24.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	20,459	17,789	15.01%	0	0	0.0%	100,185	86,921	15.3%

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<b>FX Options</b>												
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	15,337	21,456	-28.52%	0	0	0.0%	97,589	118,678	-17.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	11,820	18,767	-37.02%	0	0	0.0%	116,820	105,185	11.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	438	112	291.07%	0	0	0.0%	20,642	33,609	-38.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,269	5,899	-44.58%	0	0	0.0%	34,493	38,917	-11.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,588	6,694	-46.40%	0	0	0.0%	28,683	41,068	-30.2%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,338	8,378	-36.29%	0	0	0.0%	33,213	42,893	-22.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,732	8,886	-46.75%	0	0	0.0%	33,943	49,406	-31.3%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,935	6,997	-0.89%	0	0	0.0%	13,048	12,636	3.3%
GBP/USD MONDAY OPTION W	0	0	0.0%	272	0	0.00%	0	0	0.0%	2,995	1,240	141.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,669	681	145.08%	0	0	0.0%	6,703	3,583	87.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	340	276	23.19%	0	0	0.0%	2,000	1,480	35.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	267	1,145	-76.68%	0	0	0.0%	3,033	1,687	79.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	361	400	-9.8%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	75,472	59,378	27.10%	0	0	0.0%	417,879	434,318	-3.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,456	4,930	-70.47%	0	0	0.0%	4,271	6,698	-36.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	657	2,041	-67.81%	0	0	0.0%	12,826	13,779	-6.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,119	4,408	-51.93%	0	0	0.0%	16,649	16,592	0.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,333	4,746	-71.91%	0	0	0.0%	14,660	19,892	-26.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	334	633	-47.24%	0	0	0.0%	4,108	4,119	-0.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	518	873	-40.66%	0	0	0.0%	7,817	7,487	4.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	466	350	33.14%	0	0	0.0%	3,027	4,079	-25.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	743	965	-23.01%	0	0	0.0%	6,969	4,135	68.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	463	1,235	-62.51%	0	0	0.0%	4,490	6,620	-32.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	151	246	-38.62%	0	0	0.0%	481	1,901	-74.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	25	403	-93.80%	0	0	0.0%	2,130	2,386	-10.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	716	258	177.52%	0	0	0.0%	5,792	2,109	174.6%
JPY/USD MONDAY OPTION WE	0	0	0.0%	116	748	-84.49%	0	0	0.0%	1,648	1,826	-9.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,571	143	998.60%	0	0	0.0%	6,136	1,024	499.2%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.00%	0	0	0.0%	51	313	-83.7%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	153,261	76,766	99.65%	0	0	0.0%	872,715	456,839	91.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	13,144	11,731	12.05%	0	0	0.0%	23,940	19,898	20.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,843	8,268	-5.14%	0	0	0.0%	54,344	34,559	57.2%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	17,996	11,163	61.21%	0	0	0.0%	69,763	53,955	29.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	14,585	8,451	72.58%	0	0	0.0%	62,482	48,754	28.2%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2022	Open Outcry JUN 2021	% CHG	ELEC JUN 2022	ELEC JUN 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>FX Options</b>												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	140	82	70.73%	0	0	0.0%	15,708	16,557	-5.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,226	2,705	56.23%	0	0	0.0%	19,479	14,296	36.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,704	2,847	-40.15%	0	0	0.0%	16,722	17,172	-2.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,075	3,296	-6.71%	0	0	0.0%	14,888	15,721	-5.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	7,016	2,592	170.68%	0	0	0.0%	21,692	16,220	33.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,698	3,048	54.13%	0	0	0.0%	7,555	5,541	36.3%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	422	642	-34.27%	0	0	0.0%	4,336	6,322	-31.4%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	260	-100.00%	0	0	0.0%	17	604	-97.2%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	493	-100.00%	0	0	0.0%	0	552	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	138	-100.00%	0	0	0.0%	0	331	-100.0%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	4	253	-98.42%	0	0	0.0%	503	793	-36.6%
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-		0	-	-	0	-	-
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RUB/USD MONTHLY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	68	-100.0%
<b>Ags Futures</b>												
FERTILIZER PRODUCS	0	0	0.0%	3	0	0.00%	0	0	0.0%	5	4	25.0%
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	-	-	1	-		0	-	-	24	-	-
<b>Foreign Exchange Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	393	92	327.17%	0	0	0.0%	2,898	3,518	-17.6%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2022	Open Outcry JUN 2021	% CHG	ELEC JUN 2022	ELEC JUN 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Ag Products Futures</b>												
BLOCK CHEESE	0	0	0.0%	365	448	-18.53%	0	0	0.0%	1,518	4,000	-62.1%
BUTTER CS	0	0	0.0%	3,874	4,170	-7.10%	0	0	0.0%	26,470	25,006	5.9%
CASH-SETTLED CHEESE	0	0	0.0%	12,749	11,935	6.82%	0	0	0.0%	57,235	70,101	-18.4%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,090,232	1,015,917	7.32%	0	0	0.0%	7,465,704	7,119,489	4.9%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHI WHEAT	0	0	0.0%	2,551,609	3,279,991	-22.21%	0	0	0.0%	14,085,179	16,435,507	-14.3%
CLASS IV MILK	0	0	0.0%	2,136	1,640	30.24%	0	0	0.0%	14,327	4,846	195.6%
COFFEE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2	-100.0%
CORN	0	0	0.0%	7,908,665	9,621,827	-17.80%	0	0	0.0%	41,902,270	49,570,276	-15.5%
COTTON	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	22	-100.0%
DOW-UBS COMMOD INDEX	0	0	0.0%	72,733	107,308	-32.22%	0	0	0.0%	304,161	324,029	-6.1%
DRY WHEY	0	0	0.0%	1,232	2,262	-45.53%	0	0	0.0%	6,177	14,732	-58.1%
FEEDER CATTLE	0	0	0.0%	253,020	217,986	16.07%	0	0	0.0%	1,563,268	1,423,699	9.8%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	2,823	9,385	-69.92%	0	0	0.0%	18,467	68,138	-72.9%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	22	101	-78.2%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	-	-	0	-		0	-	-	0	-	-
HDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	981,624	1,299,729	-24.47%	0	0	0.0%	5,844,496	6,029,975	-3.1%
HOUSING INDEX	0	0	0.0%	17	10	70.00%	0	0	0.0%	111	72	54.2%
Intercommodity Spread	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
KC WHEAT	0	0	0.0%	1,006,083	1,310,051	-23.20%	0	0	0.0%	5,731,801	6,679,705	-14.2%
LUMBER	0	0	0.0%	9,003	13,900	-35.23%	0	0	0.0%	48,260	64,377	-25.0%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	28,481	20,412	39.53%	0	0	0.0%	176,382	139,709	26.2%
MINI CORN	0	0	0.0%	45,155	91,576	-50.69%	0	0	0.0%	375,381	463,214	-19.0%
MINI SOYBEAN	0	0	0.0%	52,012	62,914	-17.33%	0	0	0.0%	373,153	407,504	-8.4%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Ag Products Futures</b>												
MINI WHEAT	0	0	0.0%	22,705	25,061	-9.40%	0	0	0.0%	169,265	126,546	33.8%
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%	5,299	4,644	14.10%	0	0	0.0%	37,433	34,182	9.5%
OATS	0	0	0.0%	9,502	14,596	-34.90%	0	0	0.0%	55,708	61,828	-9.9%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PORK CUTOUT	0	0	0.0%	2,614	1,679	55.69%	0	0	0.0%	15,455	19,329	-20.0%
ROUGH RICE	0	0	0.0%	21,451	20,775	3.25%	0	0	0.0%	112,365	98,797	13.7%
SOYBEAN	0	0	0.0%	4,584,477	5,291,236	-13.36%	0	0	0.0%	25,423,194	28,383,867	-10.4%
SOYBEAN MEAL	0	0	0.0%	2,496,510	2,683,655	-6.97%	0	0	0.0%	12,838,286	12,852,190	-0.1%
SOYBEAN OIL	0	0	0.0%	2,750,688	3,878,770	-29.08%	0	0	0.0%	13,473,443	17,257,637	-21.9%
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SUGAR 11	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
USD CRUDE PALM OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WHEAT	0	0	0.0%	0	4,982	-100.00%	0	0	0.0%	6,012	18,916	-68.2%
<b>Ag Products Options</b>												
AUG-NOV SOYBEAN CAL SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BLOCK CHEESE	0	0	0.0%	1,508	288	423.61%	0	0	0.0%	2,371	2,070	14.5%
BUTTER CS	0	0	0.0%	2,150	2,563	-16.11%	0	0	0.0%	7,941	14,439	-45.0%
CASH-SETTLED CHEESE	0	0	0.0%	6,774	7,295	-7.14%	0	0	0.0%	39,703	48,016	-17.3%
CATTLE	0	0	0.0%	218,137	189,739	14.97%	0	0	0.0%	1,308,167	1,154,631	13.3%
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%	554,244	395,861	40.01%	0	0	0.0%	3,670,735	2,774,040	32.3%
CLASS IV MILK	0	0	0.0%	5,261	3,118	68.73%	0	0	0.0%	38,466	18,586	107.0%
CORN	0	0	0.0%	3,487,752	3,621,640	-3.70%	0	0	0.0%	16,871,200	19,686,946	-14.3%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	32,192	32,457	-0.82%	0	0	0.0%	155,176	82,555	88.0%
DEC-DEC CORN CAL SPRD	0	0	0.0%	0	107	-100.00%	0	0	0.0%	0	1,337	-100.0%
DEC-JULY CORN CAL SPRD	0	0	0.0%	3,767	0	0.00%	0	0	0.0%	7,107	100	7,007.0%
DEC-JULY WHEAT CAL SPRD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DRY WHEY	0	0	0.0%	3	0	0.00%	0	0	0.0%	2,153	1,418	51.8%
FEEDER CATTLE	0	0	0.0%	29,455	22,747	29.49%	0	0	0.0%	206,082	131,374	56.9%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Ag Products Options</b>												
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%	182,097	283,636	-35.80%	0	0	0.0%	1,367,896	1,212,749	12.8%
HOUSING INDEX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
Intercommodity Spread	0	0	0.0%	0	2	-100.00%	0	0	0.0%	0	271	-100.0%
JAN-MAR SOYBEAN CSO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JULY-DEC CORN CAL SPRD	0	0	0.0%	11,876	2,990	297.19%	0	0	0.0%	56,020	28,555	96.2%
JULY-DEC SOYMEAL CAL SPR	0	-	-	435	-		0	-	-	845	-	-
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,200	100	3,100.0%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	1	0	0.00%	0	0	0.0%	2	0	0.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	7,652	945	709.74%	0	0	0.0%	41,528	2,422	1,614.6%
KC WHEAT	0	0	0.0%	68,049	48,455	40.44%	0	0	0.0%	482,942	323,028	49.5%
LUMBER	0	0	0.0%	299	939	-68.16%	0	0	0.0%	2,863	5,165	-44.6%
LV CATL CSO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	9,575	0	0.0%
MAR-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	150	0	0.0%
MILK	0	0	0.0%	15,433	25,303	-39.01%	0	0	0.0%	111,135	157,828	-29.6%
MLK MID OPTIONS	0	0	0.0%	2	0	0.00%	0	0	0.0%	45	11	309.1%
NFD MILK	0	0	0.0%	2,848	4,257	-33.10%	0	0	0.0%	22,001	24,419	-9.9%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	600	0	0.0%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NOV-NOV SOYBEAN CAL SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
OATS	0	0	0.0%	156	376	-58.51%	0	0	0.0%	1,453	1,034	40.5%
PORK CUTOUT	0	0	0.0%	0	19	-100.00%	0	0	0.0%	35	737	-95.3%
ROUGH RICE	0	0	0.0%	1,504	837	79.69%	0	0	0.0%	8,877	3,603	146.4%
SOYBEAN	0	0	0.0%	1,520,644	2,106,954	-27.83%	0	0	0.0%	10,094,601	10,881,148	-7.2%
SOYBEAN CRUSH	0	0	0.0%	30	150	-80.00%	0	0	0.0%	151	1,011	-85.1%
SOYBEAN MEAL	0	0	0.0%	201,341	275,162	-26.83%	0	0	0.0%	1,428,833	1,450,409	-1.5%
SOYBEAN OIL	0	0	0.0%	241,939	391,726	-38.24%	0	0	0.0%	1,433,224	1,988,970	-27.9%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2022	Open Outcry JUN 2021	% CHG	ELEC JUN 2022	ELEC JUN 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Ag Products Options</b>												
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	530	3,080	-82.79%	0	0	0.0%	19,563	10,101	93.7%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,100	0	0.0%
WHEAT	0	0	0.0%	0	1,510	-100.00%	0	0	0.0%	815	5,323	-84.7%
WHEAT-CORN ICSSO	0	0	0.0%	600	0	0.00%	0	0	0.0%	1,720	831	107.0%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	4,901	311	1,475.88%	0	0	0.0%	29,629	1,802	1,544.2%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	1,656,077	427,596	287.3%	165,658,209	138,297,630	19.8%	5,199,503	2,464,971	110.9%	1,101,750,146	888,756,805	24.0%
Equity Index Futures	0	0	0.0%	145,739,791	85,889,685	69.7%	0	0	0.0%	818,514,060	598,793,902	36.7%
Metals Futures	0	0	0.0%	8,810,868	11,211,727	-21.4%	0	0	0.0%	57,541,896	68,474,884	-16.0%
Energy Futures	0	0	0.0%	35,215,906	37,533,101	-6.2%	0	0	0.0%	230,310,367	226,819,202	1.5%
FX Futures	0	0	0.0%	23,170,481	19,240,651	20.4%	0	0	0.0%	107,981,452	95,312,805	13.3%
Ags Futures	0	0	0.0%	3	0	0.0%	0	0	0.0%	5	4	25.0%
Foreign Exchange Futures	0	-	-	1	-	-	0	-	-	24	-	-
Ag Products Futures	0	0	0.0%	23,915,059	28,996,859	-17.5%	0	0	0.0%	130,125,543	147,697,796	-11.9%
<b>TOTAL FUTURES</b>	<b>1,656,077</b>	<b>427,596</b>	<b>287.3%</b>	<b>402,510,318</b>	<b>321,169,653</b>	<b>25.3%</b>	<b>5,199,503</b>	<b>2,464,971</b>	<b>110.9%</b>	<b>2,446,223,493</b>	<b>2,025,855,398</b>	<b>20.8%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	23,195,696	12,628,728	83.7%	0	0	0.0%	139,010,319	77,687,722	78.9%
Interest Rate Options	16,626,838	14,987,394	10.9%	28,729,522	27,721,413	3.6%	103,611,665	79,601,667	30.2%	172,525,054	160,131,253	7.7%
Metals Options	0	0	0.0%	1,017,826	1,026,025	-0.8%	0	0	0.0%	6,967,620	5,964,485	16.8%
Energy Options	0	0	0.0%	3,118,762	3,395,453	-8.1%	0	0	0.0%	19,838,592	18,004,284	10.2%
FX Options	0	0	0.0%	756,065	757,656	-0.2%	0	0	0.0%	4,670,775	3,962,855	17.9%
Ag Products Options	0	0	0.0%	6,601,580	7,422,467	-11.1%	0	0	0.0%	37,427,904	40,015,029	-6.5%
Foreign Exchange Options	0	0	0.0%	393	92	327.2%	0	0	0.0%	2,898	3,518	-17.6%
<b>TOTAL OPTIONS</b>	<b>16,626,838</b>	<b>14,987,394</b>	<b>10.9%</b>	<b>63,419,844</b>	<b>52,951,834</b>	<b>19.8%</b>	<b>103,611,665</b>	<b>79,601,667</b>	<b>30.2%</b>	<b>380,443,162</b>	<b>305,769,146</b>	<b>24.4%</b>

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2022	Open Outcry JUN 2021	% CHG	ELEC JUN 2022	ELEC JUN 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>TOTAL COMBINED</b>												
Interest Rate	18,282,915	15,414,990	18.6%	194,387,731	166,019,043	17.1%	108,811,168	82,066,638	32.6%	1,274,275,200	1,048,888,058	21.5%
Equity Index	0	0	0.0%	168,935,487	98,518,413	71.5%	0	0	0.0%	957,524,379	676,481,624	41.5%
Metals	0	0	0.0%	9,828,694	12,237,752	-19.7%	0	0	0.0%	64,509,516	74,439,369	-13.3%
Energy	0	0	0.0%	38,334,668	40,928,554	-6.3%	0	0	0.0%	250,148,959	244,823,486	2.2%
FX	0	0	0.0%	23,926,546	19,998,307	19.6%	0	0	0.0%	112,652,227	99,275,660	13.5%
Ags	0	0	0.0%	3	0	0.0%	0	0	0.0%	5	4	25.0%
Foreign Exchange	0	0	0.0%	394	92	328.3%	0	0	0.0%	2,922	3,518	-16.9%
Ag Products	0	0	0.0%	30,516,639	36,419,326	-16.2%	0	0	0.0%	167,553,447	187,712,825	-10.7%
<b>GRAND TOTAL</b>	<b>18,282,915</b>	<b>15,414,990</b>	<b>18.6%</b>	<b>465,930,162</b>	<b>374,121,487</b>	<b>24.5%</b>	<b>108,811,168</b>	<b>82,066,638</b>	<b>32.6%</b>	<b>2,826,666,655</b>	<b>2,331,624,544</b>	<b>21.2%</b>

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