



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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 NOTE	0	0	0.0%	33,041,201	30,315,556	8.99%	0	0	0.0%	161,298,732	160,700,734	0.4%
10-YR SWAP RATE	0	0	0.0%	12,017	58,143	-79.33%	0	0	0.0%	106,684	266,397	-60.0%
15-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
1-MONTH EURODOLLAR	0	0	0.0%	33	0	0.00%	0	0	0.0%	57	0	0.0%
20-YR BOND	0	-	-	3,933	-	-	0	-	-	13,687	-	-
20-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
2-YR NOTE	0	0	0.0%	11,386,955	5,016,290	127.00%	0	0	0.0%	51,783,395	32,507,279	59.3%
2-YR SWAP RATE	0	0	0.0%	52,234	84,576	-38.24%	0	0	0.0%	263,109	327,137	-19.6%
30-YR BOND	0	0	0.0%	6,624,401	7,322,568	-9.53%	0	0	0.0%	33,014,230	39,144,143	-15.7%
30-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	489	0	0.0%
3-YR NOTE	0	0	0.0%	296,501	144,301	105.47%	0	0	0.0%	1,378,555	688,908	100.1%
3-YR SWAP RATE	0	0	0.0%	5,685	2,497	127.67%	0	0	0.0%	37,189	7,267	411.8%
4-YR SWAP RATE	0	0	0.0%	2,894	451	541.69%	0	0	0.0%	20,520	3,706	453.7%
5-YR NOTE	0	0	0.0%	21,907,146	14,938,064	46.65%	0	0	0.0%	108,795,271	91,179,356	19.3%
5-YR SWAP RATE	0	0	0.0%	36,627	40,080	-8.62%	0	0	0.0%	241,023	334,058	-27.8%
7-YR SWAP RATE	0	0	0.0%	2,076	1,936	7.23%	0	0	0.0%	12,316	9,265	32.9%
BSBY 3-MONTH FUTURES	0	-	-	66,049	-	-	0	-	-	362,704	-	-
EURODOLLARS	542,998	396,121	37.1%	34,013,679	37,355,676	-8.95%	3,156,001	1,713,253	84.2%	198,098,017	199,158,460	-0.5%
FED FUND	0	0	0.0%	5,269,040	1,685,441	212.62%	0	0	0.0%	30,732,182	7,708,608	298.7%
SOFR	23,744	0	0.0%	27,888,536	2,322,470	1,100.81%	50,700	0	0.0%	101,824,483	8,937,780	1,039.3%
SONIA	0	0	0.0%	12	92,264	-99.99%	0	0	0.0%	1,046	554,379	-99.8%
TIE	0	-	-	60	-	-	0	-	-	443	-	-
Ultra 10-Year Note	0	0	0.0%	6,386,046	5,033,905	26.86%	0	0	0.0%	33,206,696	29,040,028	14.3%
ULTRA T-BOND	0	0	0.0%	3,103,110	3,265,631	-4.98%	0	0	0.0%	17,906,785	18,059,411	-0.8%

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<b>Interest Rate Options</b>												
10-YR NOTE	0	0	0.0%	10,624,825	12,648,385	-16.00%	0	0	0.0%	55,361,181	55,676,516	-0.6%
2-YR NOTE	0	0	0.0%	13,045	15,445	-15.54%	0	0	0.0%	91,832	66,901	37.3%
30-YR BOND	0	0	0.0%	2,612,072	2,220,091	17.66%	0	0	0.0%	10,016,447	11,656,749	-14.1%
5-YR NOTE	0	0	0.0%	5,305,649	2,635,980	101.28%	0	0	0.0%	21,830,348	12,937,948	68.7%
EURODOLLARS	6,675,501	2,230,270	199.3%	2,062,114	727,139	183.59%	42,837,882	11,290,421	279.4%	17,306,275	5,788,250	199.0%
EURO MIDCURVE	4,119,939	10,036,046	-58.9%	1,921,876	4,577,373	-58.01%	27,722,503	41,007,727	-32.4%	13,977,557	22,105,058	-36.8%
FED FUND	0	0	0.0%	0	0	0.00%	0	0	0.0%	42	0	0.0%
SOFR	822,626	0	0.0%	94,773	10	947,630.00%	1,543,466	2,000	77,073.3%	230,989	730	31,542.3%
SOFR MIDCURVE	366,258	0	0.0%	65,524	0	0.00%	1,119,541	0	0.0%	272,074	50	544,048.0%
Ultra 10-Year Note	0	0	0.0%	110	0	0.00%	0	0	0.0%	548	0	0.0%
ULTRA T-BOND	0	0	0.0%	1,682	541	210.91%	0	0	0.0%	13,674	2,157	533.9%
<b>Equity Index Futures</b>												
BITCOIN	0	0	0.0%	142,178	195,747	-27.37%	0	0	0.0%	659,053	1,016,188	-35.1%
DJ US REAL ESTATE	0	0	0.0%	26,544	31,276	-15.13%	0	0	0.0%	136,634	130,425	4.8%
E-mini (\$5) Dow	0	0	0.0%	3,694,386	2,922,004	26.43%	0	0	0.0%	18,614,518	15,355,458	21.2%
E-MINI COM SERVICES SELEC	0	0	0.0%	2,463	2,157	14.19%	0	0	0.0%	12,114	10,731	12.9%
E-mini FTSE China 50	0	0	0.0%	2,286	0	0.00%	0	0	0.0%	5,670	0	0.0%
E-MINI MIDCAP	0	0	0.0%	275,672	192,084	43.52%	0	0	0.0%	1,402,541	1,000,377	40.2%
E-MINI NASDAQ 100	0	0	0.0%	12,833,213	10,498,141	22.24%	0	0	0.0%	58,050,177	47,248,203	22.9%
E-MINI RUSSELL 1000	0	0	0.0%	2,572	1,129	127.81%	0	0	0.0%	12,959	11,503	12.7%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	2,236	900	148.44%	0	0	0.0%	23,536	10,876	116.4%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	2,947	2,965	-0.61%	0	0	0.0%	29,302	37,377	-21.6%
E-MINI RUSSELL 2000	0	0	0.0%	4,093,448	3,512,212	16.55%	0	0	0.0%	20,313,787	16,809,336	20.8%
E-MINI S&P500	0	0	0.0%	31,985,854	28,360,747	12.78%	0	0	0.0%	152,272,869	138,971,369	9.6%
E-MINI S&P500 ESG	0	0	0.0%	8,328	8,434	-1.26%	0	0	0.0%	127,591	56,476	125.9%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	1,564	2,515	-37.81%	0	0	0.0%	15,556	13,052	19.2%
ETHER FUTURES	0	0	0.0%	83,556	50,063	66.90%	0	0	0.0%	404,271	79,200	410.4%
FT-SE 100	0	0	0.0%	0	0	0.00%	0	0	0.0%	892	4	22,200.0%
FTSE Emerging	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	0	0	0.0%	152	97	56.70%	0	0	0.0%	286	955	-70.1%

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<b>Equity Index Futures</b>												
MICRO BITCOIN	0	-	-	301,663	-		0	-	-	1,529,151	-	-
MICRO E-MINI NASDAQ 100	0	0	0.0%	26,355,938	18,490,117	42.54%	0	0	0.0%	125,785,378	85,115,957	47.8%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	2,143,263	2,807,886	-23.67%	0	0	0.0%	13,103,467	14,194,591	-7.7%
MICRO E-MINI S&P500	0	0	0.0%	23,566,020	16,440,689	43.34%	0	0	0.0%	108,288,349	80,727,088	34.1%
MICRO ETHER	0	-	-	393,063	-		0	-	-	1,575,884	-	-
MICRO MINI \$5 DOW	0	0	0.0%	3,204,629	1,941,679	65.04%	0	0	0.0%	17,722,234	11,656,598	52.0%
NASDAQ-100 VOLATILITY	0	0	0.0%	1,999	8	24,887.50%	0	0	0.0%	14,145	10	141,350.0%
NASDAQ BIOTECH	0	0	0.0%	165	93	77.42%	0	0	0.0%	578	2,286	-74.7%
Nearby BTIC+	0	0	0.0%	1,600	50	3,100.00%	0	0	0.0%	2,350	104	2,159.6%
NIKKEI 225 (\$) STOCK	0	0	0.0%	93,197	98,978	-5.84%	0	0	0.0%	518,742	545,006	-4.8%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	605,313	510,293	18.62%	0	0	0.0%	3,416,975	2,645,944	29.1%
S&P 500	0	0	0.0%	201	2,140	-90.61%	0	0	0.0%	410	9,554	-95.7%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	20,463	15,558	31.53%	0	0	0.0%	118,908	55,963	112.5%
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%	501	0	0.00%	0	0	0.0%	927	447	107.4%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
S&P CONSUMER DSCRTRNY S	0	0	0.0%	4,734	4,067	16.40%	0	0	0.0%	30,427	47,863	-36.4%
S&P CONSUMER STAPLES SE	0	0	0.0%	11,117	10,815	2.79%	0	0	0.0%	55,248	62,735	-11.9%
S&P ENERGY SECTOR	0	0	0.0%	22,987	16,303	41.00%	0	0	0.0%	164,600	114,967	43.2%
S&P FINANCIAL SECTOR	0	0	0.0%	13,622	13,371	1.88%	0	0	0.0%	95,299	136,484	-30.2%
S&P HEALTH CARE SECTOR	0	0	0.0%	11,638	7,742	50.32%	0	0	0.0%	72,014	54,362	32.5%
S&P INDUSTRIAL SECTOR	0	0	0.0%	8,168	4,071	100.64%	0	0	0.0%	52,465	36,846	42.4%
S&P MATERIALS SECTOR	0	0	0.0%	4,190	2,819	48.63%	0	0	0.0%	27,912	34,668	-19.5%
S&P TECHNOLOGY SECTOR	0	0	0.0%	10,429	6,029	72.98%	0	0	0.0%	81,983	46,909	74.8%
S&P UTILITIES SECTOR	0	0	0.0%	12,194	10,088	20.88%	0	0	0.0%	68,116	57,296	18.9%
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%	89	221	-59.73%	0	0	0.0%	480	668	-28.1%
YEN DENOMINATED TOPIX	0	0	0.0%	2,756	1,415	94.77%	0	0	0.0%	15,168	5,839	159.8%

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<b>Equity Index Options</b>												
BITCOIN OPTIONS	0	0	0.0%	898	1,249	-28.10%	0	0	0.0%	4,044	5,195	-22.2%
E-mini (\$5) Dow	0	0	0.0%	2,083	997	108.93%	0	0	0.0%	9,704	6,355	52.7%
E-MINI NASDAQ 100	0	0	0.0%	944,959	447,608	111.11%	0	0	0.0%	3,404,253	2,007,250	69.6%
E-mini Russell 2000	0	0	0.0%	120,721	76,738	57.32%	0	0	0.0%	509,876	336,862	51.4%
E-MINI RUSSELL 2000	0	0	0.0%	21,406	18,162	17.86%	0	0	0.0%	133,055	122,927	8.2%
E-mini S&P 500	0	0	0.0%	10,201,216	6,020,467	69.44%	0	0	0.0%	46,451,513	25,610,597	81.4%
E-MINI S&P500	0	0	0.0%	9,131,791	4,390,217	108.00%	0	0	0.0%	38,948,906	21,896,375	77.9%
EOM S&P 500	0	0	0.0%	0	1,260	-100.00%	0	0	0.0%	0	1,300	-100.0%
MICRO BITCOIN	0	-	-	3,576	-		0	-	-	3,673	-	-
Micro E-mini Nasdaq-100	0	0	0.0%	49,261	29,384	67.65%	0	0	0.0%	213,662	73,508	190.7%
MICRO E-MINI NASDAQ 100	0	0	0.0%	7,529	2,553	194.91%	0	0	0.0%	53,557	13,785	288.5%
Micro E-mini S&P 500	0	0	0.0%	165,994	121,877	36.20%	0	0	0.0%	1,022,396	519,505	96.8%
MICRO ETHER	0	-	-	2,570	-		0	-	-	2,670	-	-
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%	18,562	10,767	72.40%	0	0	0.0%	53,237	24,038	121.5%
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%	1,708,311	2,386,379	-28.41%	0	0	0.0%	6,963,669	9,454,531	-26.3%
COMEX E-Mini GOLD	0	0	0.0%	24,719	17,937	37.81%	0	0	0.0%	126,702	97,883	29.4%
COMEX E-Mini SILVER	0	0	0.0%	4,048	4,519	-10.42%	0	0	0.0%	17,143	33,980	-49.5%
COMEX GOLD	0	0	0.0%	3,313,118	3,509,529	-5.60%	0	0	0.0%	19,244,060	20,142,129	-4.5%
COMEX MINY COPPER	0	0	0.0%	4,219	4,089	3.18%	0	0	0.0%	15,139	14,474	4.6%
COMEX SILVER	0	0	0.0%	1,461,704	1,742,749	-16.13%	0	0	0.0%	5,711,660	7,843,392	-27.2%
COPPER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	617	577	6.93%	0	0	0.0%	2,370	3,935	-39.8%
GOLD	0	0	0.0%	9,565	2,219	331.05%	0	0	0.0%	49,244	16,121	205.5%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	614	166	269.88%	0	0	0.0%	2,574	696	269.8%
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%	27	0	0.0%
MICRO GOLD	0	0	0.0%	1,009,552	914,872	10.35%	0	0	0.0%	4,975,930	5,340,454	-6.8%
NYMEX HOT ROLLED STEEL	0	0	0.0%	3,409	3,294	3.49%	0	0	0.0%	20,221	21,958	-7.9%
NYMEX PLATINUM	0	0	0.0%	314,661	267,678	17.55%	0	0	0.0%	1,640,034	1,410,909	16.2%
PALLADIUM	0	0	0.0%	27,025	31,438	-14.04%	0	0	0.0%	198,355	177,791	11.6%
SILVER	0	0	0.0%	155,403	134,515	15.53%	0	0	0.0%	718,776	1,039,166	-30.8%
URANIUM	0	0	0.0%	6	0	0.00%	0	0	0.0%	24	0	0.0%

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<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%	56,633	45,244	25.17%	0	0	0.0%	218,635	142,464	53.5%
COMEX GOLD	0	0	0.0%	681,713	473,495	43.97%	0	0	0.0%	3,251,207	2,535,679	28.2%
COMEX SILVER	0	0	0.0%	90,336	100,526	-10.14%	0	0	0.0%	410,348	668,959	-38.7%
COPPER	0	0	0.0%	450	19	2,268.42%	0	0	0.0%	1,706	67	2,446.3%
GOLD	0	0	0.0%	189,412	130,264	45.41%	0	0	0.0%	849,787	631,405	34.6%
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%	515	89	478.65%	0	0	0.0%	2,213	1,991	11.2%
PALLADIUM	0	0	0.0%	42	228	-81.58%	0	0	0.0%	90	448	-79.9%
SILVER	0	0	0.0%	11,301	6,126	84.48%	0	0	0.0%	76,135	29,702	156.3%
<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%	990,416	1,954,328	-49.32%	0	0	0.0%	6,788,138	8,991,917	-24.5%
CAR VINTAGE	0	0	0.0%	2,880	70	4,014.29%	0	0	0.0%	13,459	124	10,754.0%
CHICAGO ETHANOL SWAP	0	0	0.0%	10	18	-44.44%	0	0	0.0%	892	625	42.7%
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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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>												
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%	0	0	0.00%	0	0	0.0%	0	24	-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%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	0	0	0.0%	16,215,844	18,480,724	-12.26%	0	0	0.0%	90,674,472	84,279,402	7.6%
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%	236	72,358	-99.67%	0	0	0.0%	10,153	204,547	-95.0%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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	-	-	1,051	-	-	0	-	-	1,211	-	-
ETHANOL	0	0	0.0%	0	53	-100.00%	0	0	0.0%	0	144	-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

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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>												
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%	472	10	4,620.00%	0	0	0.0%	832	146	469.9%
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	-	-
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

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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>												
HEATING OIL BALMO CLNDR S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL CRCK SPRD BAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	0	0.0%	2,397,109	2,384,542	0.53%	0	0	0.0%	14,144,440	12,110,818	16.8%
HENRY HUB BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HENRY HUB FINANCIAL LAST	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HENRY HUB INDEX SWAP FUT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HENRY HUB SWAP	0	0	0.0%	272	31	777.42%	0	0	0.0%	1,236	31	3,887.1%
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%	300,709	174,081	72.74%	0	0	0.0%	1,033,768	804,866	28.4%
MARS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI TRD M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS BLEND CRUDE OIL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	753	1,983	-62.03%	0	0	0.0%	3,424	12,391	-72.4%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	30	-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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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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>												
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%	12	9	33.33%	0	0	0.0%	33	28	17.9%
MINY NATURAL GAS	0	0	0.0%	483,192	65,886	633.38%	0	0	0.0%	1,104,496	478,223	131.0%
MINY RBOB GAS	0	0	0.0%	12	13	-7.69%	0	0	0.0%	38	36	5.6%
MINY WTI CRUDE OIL	0	0	0.0%	537,340	439,802	22.18%	0	0	0.0%	2,721,526	1,593,997	70.7%
MJC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MNC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE 5 DEC	0	0	0.0%	30	30	0.00%	0	0	0.0%	145	115	26.1%
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%	23	0	0.00%	0	0	0.0%	58	36	61.1%
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%	60,702	28,261	114.79%	0	0	0.0%	202,575	158,412	27.9%
NATURAL GAS PEN SWP	0	0	0.0%	0	7	-100.00%	0	0	0.0%	0	48	-100.0%
NATURAL GAS PHY	0	0	0.0%	8,783,737	6,757,545	29.98%	0	0	0.0%	32,019,538	31,868,884	0.5%
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%	4	0	0.00%	0	0	0.0%	15	16	-6.3%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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 APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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%	3,014,705	3,565,329	-15.44%	0	0	0.0%	14,826,497	15,431,276	-3.9%
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 SWAF	-	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 APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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	0	0.00%	0	0	0.0%	0	2,485	-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%	2,671	2,436	9.65%	0	0	0.0%	5,412	14,995	-63.9%
COAL API2 INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	7,082	7,100	-0.25%	0	0	0.0%	22,251	39,980	-44.3%
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%	1,658,106	1,559,614	6.32%	0	0	0.0%	9,649,029	7,290,619	32.3%
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%	1,468	1,661	-11.62%	0	0	0.0%	12,438	6,255	98.8%
HENRY HUB FINANCIAL LAST	0	0	0.0%	6	16	-62.50%	0	0	0.0%	66	40	65.0%
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	-	-	9	-	-	0	-	-	3,317	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 5 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 6 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS OPTION ON CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS PHY	0	0	0.0%	1,214,642	823,902	47.43%	0	0	0.0%	4,444,078	4,771,362	-6.9%
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%	94	61	54.10%	0	0	0.0%	240	288	-16.7%
PETROCHEMICALS	0	0	0.0%	0	14	-100.00%	0	0	0.0%	5	29	-82.8%
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 CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	218	2,025	-89.23%	0	0	0.0%	4,848	8,984	-46.0%
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%	1,400	2,150	-34.88%	0	0	0.0%	2,950	5,900	-50.0%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	900	-100.00%	0	0	0.0%	271	900	-69.9%
<b>FX Futures</b>												
AD/CD CROSS RATES	0	0	0.0%	18	20	-10.00%	0	0	0.0%	136	44	209.1%
AD/JY CROSS RATES	0	0	0.0%	6,354	1,391	356.79%	0	0	0.0%	23,015	8,912	158.2%
AD/NE CROSS RATES	0	0	0.0%	2,758	153	1,702.61%	0	0	0.0%	6,830	674	913.4%
AUSTRALIAN DOLLAR	0	0	0.0%	1,703,463	1,735,122	-1.82%	0	0	0.0%	7,614,371	8,788,816	-13.4%
BP/JY CROSS RATES	0	0	0.0%	3,578	1,795	99.33%	0	0	0.0%	14,086	8,714	61.6%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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/SF CROSS RATES	0	0	0.0%	1,766	417	323.50%	0	0	0.0%	8,625	2,363	265.0%
BRAZIL REAL	0	0	0.0%	279,548	205,668	35.92%	0	0	0.0%	1,159,596	872,110	33.0%
BRITISH POUND	0	0	0.0%	1,964,282	1,624,503	20.92%	0	0	0.0%	8,837,275	7,407,509	19.3%
CANADIAN DOLLAR	0	0	0.0%	1,457,861	1,497,971	-2.68%	0	0	0.0%	6,605,931	6,465,772	2.2%
CD/JY CROSS RATES	0	0	0.0%	2	11	-81.82%	0	0	0.0%	245	544	-55.0%
CHINESE RENMINBI (CNH)	0	0	0.0%	31,385	9,491	230.68%	0	0	0.0%	89,414	58,826	52.0%
CZECK KORUNA (EC)	0	0	0.0%	2	0	0.00%	0	0	0.0%	13	2	550.0%
CZECK KORUNA (US)	0	0	0.0%	1	1	0.00%	0	0	0.0%	11	3	266.7%
EC/AD CROSS RATES	0	0	0.0%	3,353	2,097	59.90%	0	0	0.0%	20,220	18,018	12.2%
EC/CD CROSS RATES	0	0	0.0%	5,133	3,883	32.19%	0	0	0.0%	31,181	24,558	27.0%
EC/NOK CROSS RATES	0	0	0.0%	1,058	141	650.35%	0	0	0.0%	4,571	2,355	94.1%
EC/SEK CROSS RATES	0	0	0.0%	779	261	198.47%	0	0	0.0%	8,148	2,383	241.9%
EFX/BP CROSS RATES	0	0	0.0%	55,552	23,624	135.15%	0	0	0.0%	366,383	209,282	75.1%
EFX/JY CROSS RATES	0	0	0.0%	31,099	19,784	57.19%	0	0	0.0%	247,108	129,471	90.9%
EFX/SF CROSS RATES	0	0	0.0%	20,739	11,613	78.58%	0	0	0.0%	162,402	79,406	104.5%
E-MICRO USD/CAD	0	-	-	111	-	-	0	-	-	1,290	-	-
E-MICRO USD/CHF	0	-	-	24	-	-	0	-	-	264	-	-
E-MICRO USD/JPY	0	-	-	14,206	-	-	0	-	-	26,331	-	-
E-MINI EURO FX	0	0	0.0%	101,541	91,207	11.33%	0	0	0.0%	518,987	568,393	-8.7%
E-MINI JAPANESE YEN	0	0	0.0%	11,266	7,023	60.42%	0	0	0.0%	31,599	40,416	-21.8%
EURO FX	0	0	0.0%	3,565,524	3,357,827	6.19%	0	0	0.0%	17,671,971	16,298,674	8.4%
HUNGARIAN FORINT (EC)	0	0	0.0%	1	0	0.00%	0	0	0.0%	1	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	2	1	100.00%	0	0	0.0%	29	61	-52.5%
INDIAN RUPEE	0	0	0.0%	22,258	12,237	81.89%	0	0	0.0%	79,768	63,765	25.1%
JAPANESE YEN	0	0	0.0%	2,851,796	2,203,850	29.40%	0	0	0.0%	10,478,256	8,613,350	21.7%
KOREAN WON	0	0	0.0%	285	1,723	-83.46%	0	0	0.0%	1,746	7,732	-77.4%
MEXICAN PESO	0	0	0.0%	812,434	756,929	7.33%	0	0	0.0%	3,997,047	4,387,568	-8.9%
MICRO AUD/USD	0	0	0.0%	259,561	198,181	30.97%	0	0	0.0%	1,042,965	994,518	4.9%
MICRO CAD/USD	0	0	0.0%	47,269	49,130	-3.79%	0	0	0.0%	212,370	189,814	11.9%
MICRO CHF/USD	0	0	0.0%	10,437	6,733	55.01%	0	0	0.0%	43,174	38,704	11.5%
MICRO EUR/USD	0	0	0.0%	664,143	407,013	63.17%	0	0	0.0%	2,751,023	2,143,973	28.3%
MICRO GBP/USD	0	0	0.0%	75,259	69,348	8.52%	0	0	0.0%	324,304	280,531	15.6%
MICRO INR/USD	0	0	0.0%	744	2,094	-64.47%	0	0	0.0%	3,318	9,250	-64.1%
MICRO JPY/USD	0	0	0.0%	0	30,782	-100.00%	0	0	0.0%	101,719	121,749	-16.5%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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 USD/CNH	0	0	0.0%	0	3	-100.00%	0	0	0.0%	2	7	-71.4%
NEW ZEALND DOLLAR	0	0	0.0%	519,176	458,788	13.16%	0	0	0.0%	2,229,431	2,480,668	-10.1%
NKR/USD CROSS RATE	0	0	0.0%	2,257	3,968	-43.12%	0	0	0.0%	13,013	18,612	-30.1%
POLISH ZLOTY (EC)	0	0	0.0%	66	47	40.43%	0	0	0.0%	608	562	8.2%
POLISH ZLOTY (US)	0	0	0.0%	608	380	60.00%	0	0	0.0%	5,754	4,223	36.3%
RMB USD	0	0	0.0%	1	0	0.00%	0	0	0.0%	5	0	0.0%
RUSSIAN RUBLE	0	0	0.0%	1,023	83,722	-98.78%	0	0	0.0%	574,649	388,683	47.8%
S.AFRICAN RAND	0	0	0.0%	72,531	32,603	122.47%	0	0	0.0%	335,842	199,566	68.3%
SF/JY CROSS RATES	0	0	0.0%	829	40	1,972.50%	0	0	0.0%	1,489	114	1,206.1%
SHEKEL	0	0	0.0%	5	1	400.00%	0	0	0.0%	44	11	300.0%
SKR/USD CROSS RATES	0	0	0.0%	4,055	3,872	4.73%	0	0	0.0%	23,715	17,038	39.2%
SWISS FRANC	0	0	0.0%	381,453	397,325	-3.99%	0	0	0.0%	1,862,739	1,900,096	-2.0%
TURKISH LIRA	0	0	0.0%	0	4	-100.00%	0	0	0.0%	0	8	-100.0%
USDZAR	0	0	0.0%	0	4	-100.00%	0	0	0.0%	27	49	-44.9%
<b>FX Options</b>												
AUD/USD MONDAY OPTION W	0	0	0.0%	85	657	-87.06%	0	0	0.0%	1,449	1,939	-25.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	83	99	-16.16%	0	0	0.0%	2,329	1,531	52.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	607	204	197.55%	0	0	0.0%	1,497	1,842	-18.7%
AUD/USD MONDAY OPTION W	0	0	0.0%	820	661	24.05%	0	0	0.0%	1,613	1,852	-12.9%
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%	94,994	44,003	115.88%	0	0	0.0%	265,848	180,520	47.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	20	136	-85.29%	0	0	0.0%	1,420	958	48.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	782	1,219	-35.85%	0	0	0.0%	7,828	6,592	18.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,311	1,831	-28.40%	0	0	0.0%	9,714	10,120	-4.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	961	3,287	-70.76%	0	0	0.0%	6,236	14,211	-56.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,463	1,482	-1.28%	0	0	0.0%	1,720	3,069	-44.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	268	1,077	-75.12%	0	0	0.0%	3,108	4,084	-23.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	571	517	10.44%	0	0	0.0%	2,657	3,194	-16.8%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	62	133	-53.38%	0	0	0.0%	936	2,122	-55.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	615	541	13.68%	0	0	0.0%	1,876	4,498	-58.3%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	211	564	-62.6%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>FX Options</b>												
BRL/USD MONTHLY OPTIONS	0	0	0.0%	184	640	-71.25%	0	0	0.0%	1,781	1,626	-9.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	261	692	-62.28%	0	0	0.0%	861	3,524	-75.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,339	674	98.66%	0	0	0.0%	5,844	2,639	121.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	2,885	305	845.90%	0	0	0.0%	3,460	1,261	174.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,477	343	330.61%	0	0	0.0%	4,446	2,028	119.2%
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%	57,831	52,852	9.42%	0	0	0.0%	242,216	198,332	22.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	165	13	1,169.23%	0	0	0.0%	5,805	6,368	-8.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	431	1,257	-65.71%	0	0	0.0%	15,166	11,770	28.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,753	5,233	9.94%	0	0	0.0%	22,220	23,057	-3.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,989	5,908	18.30%	0	0	0.0%	21,961	26,737	-17.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,629	3,968	-8.54%	0	0	0.0%	4,281	9,870	-56.6%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,448	564	156.74%	0	0	0.0%	4,638	3,913	18.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,258	661	90.32%	0	0	0.0%	5,286	4,910	7.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,887	599	381.97%	0	0	0.0%	6,819	4,298	58.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,045	2,078	-49.71%	0	0	0.0%	7,587	3,629	109.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,938	1,221	140.6%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	5,068	7,136	-28.98%	0	0	0.0%	24,193	17,358	39.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	20	-100.00%	0	0	0.0%	520	56	828.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	89	18	394.44%	0	0	0.0%	720	672	7.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	35	678	-94.84%	0	0	0.0%	398	1,154	-65.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	29	420	-93.10%	0	0	0.0%	742	1,877	-60.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	14	17	-17.65%	0	0	0.0%	14	22	-36.4%
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%	2,155	1,693	27.29%	0	0	0.0%	9,118	5,520	65.2%
EUR/USD MONDAY OPTION W	0	0	0.0%	970	1,717	-43.51%	0	0	0.0%	13,408	4,800	179.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,628	572	184.62%	0	0	0.0%	4,306	1,234	248.9%
EUR/USD MONDAY OPTION W	0	0	0.0%	9,666	1,540	527.66%	0	0	0.0%	15,917	8,210	93.9%
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%	241,842	194,950	24.05%	0	0	0.0%	944,182	821,848	14.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,815	200	807.50%	0	0	0.0%	24,510	11,898	106.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,440	2,103	111.13%	0	0	0.0%	66,400	38,363	73.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	16,796	17,337	-3.12%	0	0	0.0%	67,245	79,841	-15.8%

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<b>FX Options</b>												
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	21,050	14,365	46.54%	0	0	0.0%	89,868	63,616	41.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	18,300	17,252	6.07%	0	0	0.0%	20,204	33,497	-39.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,904	10,706	-44.85%	0	0	0.0%	26,808	25,806	3.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,158	6,190	-32.83%	0	0	0.0%	21,805	27,196	-19.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,808	9,597	-49.90%	0	0	0.0%	22,551	29,516	-23.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	9,198	7,651	20.22%	0	0	0.0%	24,509	33,837	-27.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	6,113	5,639	8.4%
GBP/USD MONDAY OPTION W	0	0	0.0%	612	495	23.64%	0	0	0.0%	2,506	1,188	110.9%
GBP/USD MONDAY OPTION W	0	0	0.0%	797	1,305	-38.93%	0	0	0.0%	3,535	1,681	110.3%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,056	126	738.10%	0	0	0.0%	1,545	1,103	40.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	152	0	0.00%	0	0	0.0%	2,596	492	427.6%
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%	85,498	59,984	42.53%	0	0	0.0%	267,841	294,985	-9.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	24	21	14.29%	0	0	0.0%	2,814	1,768	59.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,784	1,335	33.63%	0	0	0.0%	8,261	8,483	-2.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,621	2,156	21.57%	0	0	0.0%	12,456	10,169	22.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,147	2,625	-18.21%	0	0	0.0%	11,838	11,427	3.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,892	2,138	35.27%	0	0	0.0%	3,774	3,486	8.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,760	2,343	-24.88%	0	0	0.0%	6,996	4,450	57.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	314	480	-34.58%	0	0	0.0%	2,300	3,385	-32.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	808	965	-16.27%	0	0	0.0%	5,068	2,720	86.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	993	2,556	-61.15%	0	0	0.0%	3,589	4,497	-20.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	330	1,655	-80.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	732	276	165.22%	0	0	0.0%	2,016	1,637	23.2%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,095	168	551.79%	0	0	0.0%	4,230	1,075	293.5%
JPY/USD MONDAY OPTION WE	0	0	0.0%	419	108	287.96%	0	0	0.0%	552	837	-34.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,360	0	0.00%	0	0	0.0%	3,578	517	592.1%
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%	201,937	60,374	234.48%	0	0	0.0%	562,414	311,907	80.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	159	3	5,200.00%	0	0	0.0%	10,796	8,167	32.2%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,958	1,613	21.39%	0	0	0.0%	34,511	17,094	101.9%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	10,103	6,216	62.53%	0	0	0.0%	41,132	36,914	11.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,481	6,951	7.62%	0	0	0.0%	39,888	30,549	30.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	15,414	8,219	87.54%	0	0	0.0%	15,568	16,475	-5.5%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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 WED OPTIONS	0	0	0.0%	4,109	3,210	28.01%	0	0	0.0%	13,276	9,566	38.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,406	3,024	-20.44%	0	0	0.0%	11,597	11,199	3.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,696	2,489	-31.86%	0	0	0.0%	8,892	8,977	-0.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,556	2,443	45.56%	0	0	0.0%	10,783	10,692	0.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,857	2,493	14.6%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	496	294	68.71%	0	0	0.0%	3,306	3,010	9.8%
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%	17	0	0.00%	0	0	0.0%	17	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	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%	421	27	1,459.26%	0	0	0.0%	481	292	64.7%
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-		0	-	-	0	-	-
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RUB/USD MONTHLY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	68	-100.0%
<b>Ags Futures</b>												
FERTILIZER PRODUCS	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	4	-50.0%
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	-	-	0	-		0	-	-	23	-	-
<b>Foreign Exchange Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	87	146	-40.41%	0	0	0.0%	2,012	2,793	-28.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Ag Products Futures</b>												
BLOCK CHEESE	0	0	0.0%	195	1,308	-85.09%	0	0	0.0%	1,042	2,828	-63.2%
BUTTER CS	0	0	0.0%	3,543	3,728	-4.96%	0	0	0.0%	18,534	17,134	8.2%
CASH-SETTLED CHEESE	0	0	0.0%	7,523	11,284	-33.33%	0	0	0.0%	35,969	47,661	-24.5%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,013,251	1,138,635	-11.01%	0	0	0.0%	5,078,463	4,928,557	3.0%
CAT WEATHER EUROPEAN	0	-	-	0	-		0	-	-	0	-	-
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHI WHEAT	0	0	0.0%	1,766,914	3,618,888	-51.18%	0	0	0.0%	9,725,990	10,983,773	-11.5%
CLASS IV MILK	0	0	0.0%	1,464	724	102.21%	0	0	0.0%	9,429	2,442	286.1%
COFFEE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2	-100.0%
CORN	0	0	0.0%	6,869,120	9,626,481	-28.64%	0	0	0.0%	28,776,451	32,247,797	-10.8%
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%	17,852	16,254	9.83%	0	0	0.0%	191,875	177,975	7.8%
DRY WHEY	0	0	0.0%	1,028	3,090	-66.73%	0	0	0.0%	3,934	9,768	-59.7%
FEEDER CATTLE	0	0	0.0%	282,185	286,364	-1.46%	0	0	0.0%	1,091,656	1,004,328	8.7%
FERTILIZER PROUDCS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	2,501	9,364	-73.29%	0	0	0.0%	12,903	49,308	-73.8%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	75	-100.0%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	-	-	0	-		0	-	-	0	-	-
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%	733,783	867,015	-15.37%	0	0	0.0%	3,827,747	3,686,747	3.8%
HOUSING INDEX	0	0	0.0%	3	21	-85.71%	0	0	0.0%	45	51	-11.8%
Intercommodity Spread	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
KC WHEAT	0	0	0.0%	753,855	1,351,615	-44.23%	0	0	0.0%	4,053,917	4,404,470	-8.0%
LUMBER	0	0	0.0%	6,825	11,803	-42.18%	0	0	0.0%	32,816	37,876	-13.4%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	27,453	24,403	12.50%	0	0	0.0%	121,472	97,079	25.1%
MINI CORN	0	0	0.0%	53,492	83,753	-36.13%	0	0	0.0%	279,503	257,023	8.7%
MINI SOYBEAN	0	0	0.0%	40,890	59,330	-31.08%	0	0	0.0%	276,295	282,292	-2.1%
MINI WHEAT	0	0	0.0%	16,391	23,436	-30.06%	0	0	0.0%	119,770	78,286	53.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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>												
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%	6,177	5,377	14.88%	0	0	0.0%	28,126	24,115	16.6%
OATS	0	0	0.0%	8,388	11,763	-28.69%	0	0	0.0%	39,293	37,605	4.5%
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%	1,716	1,919	-10.58%	0	0	0.0%	10,029	15,688	-36.1%
ROUGH RICE	0	0	0.0%	24,859	23,845	4.25%	0	0	0.0%	76,692	64,938	18.1%
SOYBEAN	0	0	0.0%	3,908,572	5,236,472	-25.36%	0	0	0.0%	17,671,457	19,468,082	-9.2%
SOYBEAN MEAL	0	0	0.0%	2,005,618	2,521,276	-20.45%	0	0	0.0%	8,686,318	8,320,406	4.4%
SOYBEAN OIL	0	0	0.0%	2,204,107	2,989,772	-26.28%	0	0	0.0%	8,993,123	11,143,114	-19.3%
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%	56	1,671	-96.65%	0	0	0.0%	5,956	10,313	-42.2%
<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%	253	597	-57.62%	0	0	0.0%	863	1,607	-46.3%
BUTTER CS	0	0	0.0%	780	2,484	-68.60%	0	0	0.0%	4,706	10,763	-56.3%
CASH-SETTLED CHEESE	0	0	0.0%	2,621	5,084	-48.45%	0	0	0.0%	28,078	35,077	-20.0%
CATTLE	0	0	0.0%	255,626	210,393	21.50%	0	0	0.0%	866,136	804,587	7.6%
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%	346,725	615,547	-43.67%	0	0	0.0%	2,553,526	1,916,853	33.2%
CLASS IV MILK	0	0	0.0%	5,843	3,306	76.74%	0	0	0.0%	26,352	12,165	116.6%
CORN	0	0	0.0%	2,786,220	3,771,920	-26.13%	0	0	0.0%	10,690,792	11,973,329	-10.7%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	21,928	10,206	114.85%	0	0	0.0%	114,799	31,295	266.8%
DEC-DEC CORN CAL SPRD	0	0	0.0%	0	200	-100.00%	0	0	0.0%	0	200	-100.0%
DEC-JULY CORN CAL SPRD	0	0	0.0%	1,040	0	0.00%	0	0	0.0%	3,340	0	0.0%
DEC-JULY WHEAT CAL SPRD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DRY WHEY	0	0	0.0%	22	744	-97.04%	0	0	0.0%	2,089	1,234	69.3%
FEEDER CATTLE	0	0	0.0%	40,294	27,214	48.06%	0	0	0.0%	142,680	84,840	68.2%
HDD EURO SEASONAL STRIP	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 APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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>												
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%	171,292	157,997	8.41%	0	0	0.0%	948,413	718,015	32.1%
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	268	-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%	8,707	5,510	58.02%	0	0	0.0%	38,844	19,485	99.4%
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%	200	50	300.00%	0	0	0.0%	3,200	100	3,100.0%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	1	0	0.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	10,241	853	1,100.59%	0	0	0.0%	24,210	1,427	1,596.6%
KC WHEAT	0	0	0.0%	55,047	66,312	-16.99%	0	0	0.0%	323,891	222,234	45.7%
LUMBER	0	0	0.0%	491	883	-44.39%	0	0	0.0%	2,220	3,152	-29.6%
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%	18,269	25,424	-28.14%	0	0	0.0%	75,866	116,874	-35.1%
MLK MID OPTIONS	0	0	0.0%	6	6	0.00%	0	0	0.0%	43	9	377.8%
NFD MILK	0	0	0.0%	3,881	3,464	12.04%	0	0	0.0%	16,532	15,589	6.0%
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%	170	100	70.00%	0	0	0.0%	1,022	455	124.6%
PORK CUTOUT	0	0	0.0%	5	76	-93.42%	0	0	0.0%	35	630	-94.4%
ROUGH RICE	0	0	0.0%	2,282	192	1,088.54%	0	0	0.0%	5,576	1,525	265.6%
SOYBEAN	0	0	0.0%	1,284,289	1,691,834	-24.09%	0	0	0.0%	7,114,092	6,972,301	2.0%
SOYBEAN CRUSH	0	0	0.0%	55	326	-83.13%	0	0	0.0%	96	861	-88.9%
SOYBEAN MEAL	0	0	0.0%	172,684	225,618	-23.46%	0	0	0.0%	1,048,294	920,236	13.9%
SOYBEAN OIL	0	0	0.0%	261,426	337,691	-22.58%	0	0	0.0%	1,006,008	1,318,512	-23.7%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	9,013	1,093	724.61%	0	0	0.0%	18,203	6,821	166.9%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	400	0	0.00%	0	0	0.0%	1,100	0	0.0%

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	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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>												
WHEAT	0	0	0.0%	0	625	-100.00%	0	0	0.0%	805	3,287	-75.5%
WHEAT-CORN ICSCO	0	0	0.0%	0	100	-100.00%	0	0	0.0%	1,020	613	66.4%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	1,915	74	2,487.84%	0	0	0.0%	24,648	1,491	1,553.1%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	566,742	396,121	43.1%	150,098,235	107,679,849	39.4%	3,206,701	1,713,253	87.2%	739,097,613	588,626,916	25.6%
Equity Index Futures	0	0	0.0%	109,947,338	86,164,903	27.6%	0	0	0.0%	524,822,966	416,303,720	26.1%
Metals Futures	0	0	0.0%	8,055,533	9,030,728	-10.8%	0	0	0.0%	39,739,176	45,621,473	-12.9%
Energy Futures	0	0	0.0%	32,789,509	33,925,080	-3.3%	0	0	0.0%	163,546,946	155,938,669	4.9%
FX Futures	0	0	0.0%	14,987,596	13,312,781	12.6%	0	0	0.0%	67,533,041	62,847,897	7.5%
Ags Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	4	-50.0%
Foreign Exchange Futures	0	-	-	0	-	-	0	-	-	23	-	-
Ag Products Futures	0	0	0.0%	19,757,761	27,929,591	-29.3%	0	0	0.0%	89,168,805	97,399,755	-8.5%
<b>TOTAL FUTURES</b>	<b>566,742</b>	<b>396,121</b>	<b>43.1%</b>	<b>335,635,972</b>	<b>278,042,932</b>	<b>20.7%</b>	<b>3,206,701</b>	<b>1,713,253</b>	<b>87.2%</b>	<b>1,623,908,572</b>	<b>1,366,738,434</b>	<b>18.8%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	20,652,004	11,110,512	85.9%	0	0	0.0%	90,757,309	50,593,859	79.4%
Interest Rate Options	11,984,324	12,266,316	-2.3%	22,701,670	22,824,964	-0.5%	73,223,392	52,300,148	40.0%	119,100,967	108,234,359	10.0%
Metals Options	0	0	0.0%	1,030,402	755,991	36.3%	0	0	0.0%	4,810,121	4,010,715	19.9%
Energy Options	0	0	0.0%	2,885,696	2,399,879	20.2%	0	0	0.0%	14,149,805	12,143,602	16.5%
FX Options	0	0	0.0%	893,006	597,740	49.4%	0	0	0.0%	3,154,132	2,580,132	22.2%
Ag Products Options	0	0	0.0%	5,461,725	7,165,925	-23.8%	0	0	0.0%	25,097,805	25,195,835	-0.4%
Foreign Exchange Options	0	0	0.0%	87	146	-40.4%	0	0	0.0%	2,012	2,793	-28.0%
<b>TOTAL OPTIONS</b>	<b>11,984,324</b>	<b>12,266,316</b>	<b>-2.3%</b>	<b>53,624,590</b>	<b>44,855,157</b>	<b>19.6%</b>	<b>73,223,392</b>	<b>52,300,148</b>	<b>40.0%</b>	<b>257,072,151</b>	<b>202,761,295</b>	<b>26.8%</b>

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

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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	12,551,066	12,662,437	-0.9%	172,799,905	130,504,813	32.4%	76,430,093	54,013,401	41.5%	858,198,580	696,861,275	23.2%
Equity Index	0	0	0.0%	130,599,342	97,275,415	34.3%	0	0	0.0%	615,580,275	466,897,579	31.8%
Metals	0	0	0.0%	9,085,935	9,786,719	-7.2%	0	0	0.0%	44,549,297	49,632,188	-10.2%
Energy	0	0	0.0%	35,675,205	36,324,959	-1.8%	0	0	0.0%	177,696,751	168,082,271	5.7%
FX	0	0	0.0%	15,880,602	13,910,521	14.2%	0	0	0.0%	70,687,173	65,428,029	8.0%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	4	-50.0%
Foreign Exchange	0	0	0.0%	87	146	-40.4%	0	0	0.0%	2,035	2,793	-27.1%
Ag Products	0	0	0.0%	25,219,486	35,095,516	-28.1%	0	0	0.0%	114,266,610	122,595,590	-6.8%
<b>GRAND TOTAL</b>	<b>12,551,066</b>	<b>12,662,437</b>	<b>-0.9%</b>	<b>389,260,562</b>	<b>322,898,089</b>	<b>20.6%</b>	<b>76,430,093</b>	<b>54,013,401</b>	<b>41.5%</b>	<b>1,880,980,723</b>	<b>1,569,499,729</b>	<b>19.8%</b>

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