



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2022	Open Outcry FEB 2021	% CHG	ELEC FEB 2022	ELEC FEB 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%	52,727,554	54,826,304	-3.83%	0	0	0.0%	88,059,552	86,379,838	1.9%
10-YR SWAP RATE	0	0	0.0%	22,113	45,572	-51.48%	0	0	0.0%	51,589	85,931	-40.0%
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%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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%	19,158,226	14,452,853	32.56%	0	0	0.0%	28,254,826	19,673,784	43.6%
2-YR SWAP RATE	0	0	0.0%	78,786	130,921	-39.82%	0	0	0.0%	108,844	173,572	-37.3%
30-YR BOND	0	0	0.0%	10,777,741	13,215,618	-18.45%	0	0	0.0%	18,351,335	21,016,262	-12.7%
30-YR SWAP RATE	0	0	0.0%	113	0	0.00%	0	0	0.0%	417	0	0.0%
3-YR NOTE	0	0	0.0%	402,294	213,356	88.56%	0	0	0.0%	764,570	362,186	111.1%
3-YR SWAP RATE	0	0	0.0%	8,122	120	6,668.33%	0	0	0.0%	20,241	2,200	820.0%
4-YR SWAP RATE	0	0	0.0%	5,073	1,134	347.35%	0	0	0.0%	12,786	1,279	899.7%
5-YR NOTE	0	0	0.0%	38,890,035	35,869,731	8.42%	0	0	0.0%	60,409,321	52,526,281	15.0%
5-YR SWAP RATE	0	0	0.0%	60,167	95,462	-36.97%	0	0	0.0%	123,008	163,462	-24.7%
7-YR SWAP RATE	0	0	0.0%	3,452	2,586	33.49%	0	0	0.0%	8,205	4,809	70.6%
EURODOLLARS	850,268	494,047	72.1%	55,094,493	56,677,281	-2.79%	1,527,831	742,900	105.7%	106,793,835	97,530,312	9.5%
FED FUND	0	0	0.0%	8,981,892	2,045,869	339.03%	0	0	0.0%	16,131,565	3,788,552	325.8%
SOFR	8,722	0	0.0%	22,875,751	2,271,323	907.16%	9,632	0	0.0%	37,396,610	4,069,613	818.9%
SONIA	0	0	0.0%	650	148,730	-99.56%	0	0	0.0%	990	295,985	-99.7%
TIIE	0	-	-	187	-	-	0	-	-	270	-	-
Ultra 10-Year Note	0	0	0.0%	11,670,379	10,884,871	7.22%	0	0	0.0%	19,034,937	16,325,462	16.6%
ULTRA T-BOND	0	0	0.0%	7,355,887	7,062,265	4.16%	0	0	0.0%	10,805,690	10,285,038	5.1%

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<b>Interest Rate Options</b>												
10-YR NOTE	0	0	0.0%	13,193,887	14,476,172	-8.86%	0	0	0.0%	27,450,213	28,309,945	-3.0%
2-YR NOTE	0	0	0.0%	30,599	9,353	227.16%	0	0	0.0%	60,256	19,041	216.5%
30-YR BOND	0	0	0.0%	2,014,907	3,455,127	-41.68%	0	0	0.0%	4,492,958	6,361,514	-29.4%
5-YR NOTE	0	0	0.0%	4,614,880	4,173,846	10.57%	0	0	0.0%	9,444,460	5,821,142	62.2%
EURODOLLARS	11,528,190	3,029,497	280.5%	4,633,148	2,056,104	125.34%	23,289,975	5,811,550	300.8%	10,780,397	3,504,252	207.6%
EURO MIDCURVE	6,489,533	11,742,748	-44.7%	3,728,311	6,105,778	-38.94%	13,983,777	18,942,554	-26.2%	7,855,577	10,166,662	-22.7%
FED FUND	0	0	0.0%	21	0	0.00%	0	0	0.0%	42	0	0.0%
SOFR	214,835	0	0.0%	66,832	100	66,732.00%	307,985	0	0.0%	73,190	100	73,090.0%
SOFR MIDCURVE	216,573	0	0.0%	153,984	0	0.00%	271,523	0	0.0%	160,463	50	320,826.0%
Ultra 10-Year Note	0	0	0.0%	0	0	0.00%	0	0	0.0%	438	0	0.0%
ULTRA T-BOND	0	0	0.0%	1,765	351	402.85%	0	0	0.0%	4,038	647	524.1%
<b>Equity Index Futures</b>												
BITCOIN FUTURES	0	0	0.0%	164,890	254,281	-35.15%	0	0	0.0%	344,375	587,193	-41.4%
DJ US REAL ESTATE	0	0	0.0%	22,808	18,428	23.77%	0	0	0.0%	53,996	41,880	28.9%
E-mini (\$5) Dow	0	0	0.0%	4,883,659	3,485,507	40.11%	0	0	0.0%	10,309,693	7,240,336	42.4%
E-MINI COM SERVICES SELEC	0	0	0.0%	1,665	1,835	-9.26%	0	0	0.0%	4,011	3,337	20.2%
E-mini FTSE China 50	0	0	0.0%	1,363	0	0.00%	0	0	0.0%	1,494	0	0.0%
E-MINI MIDCAP	0	0	0.0%	274,638	186,557	47.21%	0	0	0.0%	652,204	456,465	42.9%
E-MINI NASDAQ 100	0	0	0.0%	13,834,185	10,762,003	28.55%	0	0	0.0%	30,111,300	20,924,064	43.9%
E-MINI RUSSELL 1000	0	0	0.0%	2,036	3,524	-42.22%	0	0	0.0%	4,961	5,848	-15.2%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	6,881	1,443	376.85%	0	0	0.0%	12,058	2,777	334.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	3,913	5,834	-32.93%	0	0	0.0%	9,603	9,324	3.0%
E-MINI RUSSELL 2000	0	0	0.0%	4,490,168	3,647,476	23.10%	0	0	0.0%	10,321,005	7,447,274	38.6%
E-MINI S&P500	0	0	0.0%	35,973,247	29,782,643	20.79%	0	0	0.0%	77,424,326	59,885,646	29.3%
E-MINI S&P500 ESG	0	0	0.0%	34,571	9,819	252.08%	0	0	0.0%	78,610	18,694	320.5%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	2,155	1,818	18.54%	0	0	0.0%	4,779	3,973	20.3%
ETHER FUTURES	0	0	0.0%	108,615	11,617	834.97%	0	0	0.0%	228,783	11,617	1,869.4%
FT-SE 100	0	0	0.0%	65	3	2,066.67%	0	0	0.0%	219	3	7,200.0%
FTSE Emerging	0	0	0.0%	0	5	-100.00%	0	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	0	0	0.0%	58	269	-78.44%	0	0	0.0%	95	697	-86.4%

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<b>Equity Index Futures</b>												
MICRO BITCOIN FUTURES	0	-	-	415,067	-		0	-	-	833,227	-	-
MICRO E-MINI NASDAQ 100	0	0	0.0%	32,747,966	18,899,632	73.27%	0	0	0.0%	68,210,061	36,208,216	88.4%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	3,476,456	3,147,371	10.46%	0	0	0.0%	8,147,041	6,739,356	20.9%
MICRO E-MINI S&P500	0	0	0.0%	26,496,926	18,124,791	46.19%	0	0	0.0%	55,753,662	37,059,845	50.4%
MICRO ETHER FUTURES	0	-	-	377,546	-		0	-	-	809,504	-	-
MICRO MINI \$5 DOW	0	0	0.0%	4,830,819	2,474,011	95.26%	0	0	0.0%	10,239,228	6,007,737	70.4%
NASDAQ-100 VOLATILITY	0	0	0.0%	2,845	2	142,150.00%	0	0	0.0%	10,057	2	502,750.0%
NASDAQ BIOTECH	0	0	0.0%	53	498	-89.36%	0	0	0.0%	200	1,173	-82.9%
Nearby BTIC+	0	0	0.0%	350	4	8,650.00%	0	0	0.0%	400	4	9,900.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	123,993	116,564	6.37%	0	0	0.0%	274,343	244,403	12.3%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	860,238	565,748	52.05%	0	0	0.0%	1,710,699	1,217,683	40.5%
S&P 500	0	0	0.0%	206	4,457	-95.38%	0	0	0.0%	206	7,264	-97.2%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	25,212	6,927	263.97%	0	0	0.0%	49,176	26,968	82.3%
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%	35	0	0.00%	0	0	0.0%	196	142	38.0%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	5,355	8,864	-39.59%	0	0	0.0%	15,045	17,922	-16.1%
S&P CONSUMER STAPLES SE	0	0	0.0%	8,860	8,561	3.49%	0	0	0.0%	17,696	16,010	10.5%
S&P ENERGY SECTOR	0	0	0.0%	25,949	17,532	48.01%	0	0	0.0%	43,933	37,363	17.6%
S&P FINANCIAL SECTOR	0	0	0.0%	14,917	21,411	-30.33%	0	0	0.0%	33,240	49,304	-32.6%
S&P HEALTH CARE SECTOR	0	0	0.0%	10,639	8,028	32.52%	0	0	0.0%	26,852	17,800	50.9%
S&P INDUSTRIAL SECTOR	0	0	0.0%	11,396	6,638	71.68%	0	0	0.0%	27,817	14,119	97.0%
S&P MATERIALS SECTOR	0	0	0.0%	4,305	7,004	-38.54%	0	0	0.0%	9,660	12,820	-24.6%
S&P TECHNOLOGY SECTOR	0	0	0.0%	14,592	6,772	115.48%	0	0	0.0%	45,203	13,842	226.6%
S&P UTILITIES SECTOR	0	0	0.0%	14,248	10,333	37.89%	0	0	0.0%	31,952	20,961	52.4%
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%	96	255	-62.35%	0	0	0.0%	280	341	-17.9%
YEN DENOMINATED TOPIX	0	0	0.0%	3,858	1,355	184.72%	0	0	0.0%	7,796	2,782	180.2%

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<b>Equity Index Options</b>												
BITCOIN OPTIONS	0	0	0.0%	964	1,219	-20.92%	0	0	0.0%	2,210	2,780	-20.5%
E-mini (\$5) Dow	0	0	0.0%	1,708	1,224	39.54%	0	0	0.0%	3,951	2,986	32.3%
E-MINI NASDAQ 100	0	0	0.0%	746,255	482,376	54.70%	0	0	0.0%	1,646,753	855,566	92.5%
E-MINI RUSSELL 2000	0	0	0.0%	38,261	37,520	1.97%	0	0	0.0%	70,664	64,012	10.4%
E-MINI S&P500	0	0	0.0%	9,173,968	5,654,212	62.25%	0	0	0.0%	18,772,577	10,834,676	73.3%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	14,942	21,488	-30.46%	0	0	0.0%	39,620	45,439	-12.8%
EOM EMINI S&P	0	0	0.0%	2,441,143	1,925,749	26.76%	0	0	0.0%	5,401,520	3,845,153	40.5%
EOM S&P 500	0	0	0.0%	0	0	0.00%	0	0	0.0%	400	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	16,684	10,497	58.94%	0	0	0.0%	35,382	18,132	95.1%
EOW1 EMINI S&P 500	0	0	0.0%	1,853,324	1,029,577	80.01%	0	0	0.0%	4,009,021	1,499,399	167.4%
EOW1 S&P 500	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	16,888	14,426	17.07%	0	0	0.0%	34,653	22,963	50.9%
EOW2 EMINI S&P 500	0	0	0.0%	1,802,171	900,179	100.20%	0	0	0.0%	4,086,330	1,928,403	111.9%
EOW2 S&P 500	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	35,555	29,776	19.41%	0	0	0.0%	92,300	60,757	51.9%
EOW3 EMINI S&P 500	0	0	0.0%	3,317,455	2,100,444	57.94%	0	0	0.0%	7,865,179	4,515,467	74.2%
EOW3 S&P 500	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	15,605	2,604	499.27%	0	0	0.0%	39,581	16,125	145.5%
EOW4 EMINI S&P 500	0	0	0.0%	2,022,421	59,454	3,301.66%	0	0	0.0%	4,664,919	954,741	388.6%
MICRO E-MINI NASDAQ	0	0	0.0%	13,048	2,366	451.48%	0	0	0.0%	21,123	3,120	577.0%
MICRO E-MINI NASDAQ 100	0	-	-	25,437	-		0	-	-	49,766	-	-
MICRO E-MINI NASDAQ END O	0	0	0.0%	9,555	3,948	142.02%	0	0	0.0%	22,028	7,065	211.8%
MICRO E-MINI NASDAQ WEEKL	0	0	0.0%	40,975	6,251	555.50%	0	0	0.0%	98,386	12,833	666.7%
MICRO E-MINI S&P 500	0	0	0.0%	56,180	23,541	138.65%	0	0	0.0%	98,757	38,704	155.2%
MICRO E-MINI S&P 500 END OF	0	0	0.0%	58,105	32,536	78.59%	0	0	0.0%	122,442	64,050	91.2%
MICRO E-MINI S&P 500 WEEKL	0	0	0.0%	195,344	57,244	241.25%	0	0	0.0%	391,087	127,472	206.8%
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%	15,506	1,825	749.64%	0	0	0.0%	28,412	4,751	498.0%
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%	2,006,971	2,915,587	-31.16%	0	0	0.0%	3,666,620	4,747,704	-22.8%
COMEX E-Mini GOLD	0	0	0.0%	26,078	26,712	-2.37%	0	0	0.0%	55,984	52,269	7.1%
COMEX E-Mini SILVER	0	0	0.0%	4,357	16,394	-73.42%	0	0	0.0%	8,389	23,865	-64.8%
COMEX GOLD	0	0	0.0%	4,080,477	4,492,374	-9.17%	0	0	0.0%	9,818,131	10,508,118	-6.6%
COMEX MINY COPPER	0	0	0.0%	3,871	3,526	9.78%	0	0	0.0%	6,977	6,083	14.7%
COMEX SILVER	0	0	0.0%	1,581,346	2,543,674	-37.83%	0	0	0.0%	2,850,628	4,540,592	-37.2%
COPPER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	417	1,096	-61.95%	0	0	0.0%	862	2,496	-65.5%
GOLD	0	0	0.0%	15,001	4,333	246.20%	0	0	0.0%	25,584	8,970	185.2%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	376	191	96.86%	0	0	0.0%	623	272	129.0%
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%	27	0	0.00%	0	0	0.0%	27	0	0.0%
MICRO GOLD	0	0	0.0%	1,053,360	1,460,016	-27.85%	0	0	0.0%	1,905,319	3,109,214	-38.7%
NYMEX HOT ROLLED STEEL	0	0	0.0%	5,173	7,441	-30.48%	0	0	0.0%	10,574	13,903	-23.9%
NYMEX PLATINUM	0	0	0.0%	398,171	362,990	9.69%	0	0	0.0%	752,212	645,734	16.5%
PALLADIUM	0	0	0.0%	80,392	66,963	20.05%	0	0	0.0%	122,406	103,255	18.5%
SILVER	0	0	0.0%	161,699	358,998	-54.96%	0	0	0.0%	301,206	589,702	-48.9%
URANIUM	0	0	0.0%	1	0	0.00%	0	0	0.0%	1	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2022	Open Outcry FEB 2021	% CHG	ELEC FEB 2022	ELEC FEB 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%	60,423	39,498	52.98%	0	0	0.0%	100,226	59,126	69.5%
COMEX GOLD	0	0	0.0%	805,046	692,895	16.19%	0	0	0.0%	1,429,363	1,399,619	2.1%
COMEX SILVER	0	0	0.0%	85,304	230,291	-62.96%	0	0	0.0%	179,700	430,076	-58.2%
COPPER	0	0	0.0%	643	28	2,196.43%	0	0	0.0%	804	33	2,336.4%
GOLD	0	0	0.0%	217,245	171,543	26.64%	0	0	0.0%	377,160	331,960	13.6%
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%	553	819	-32.48%	0	0	0.0%	1,212	1,494	-18.9%
PALLADIUM	0	0	0.0%	21	60	-65.00%	0	0	0.0%	30	73	-58.9%
SILVER	0	0	0.0%	20,803	8,696	139.22%	0	0	0.0%	46,370	15,871	192.2%
<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%	2,286,315	2,079,645	9.94%	0	0	0.0%	4,035,148	4,019,663	0.4%
CAR VINTAGE	0	-	-	2,669	-		0	-	-	5,309	-	-
CHICAGO ETHANOL SWAP	0	0	0.0%	53	248	-78.63%	0	0	0.0%	810	605	33.9%
CHICAGO ULSD PL VS HO SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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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%	0	5	-100.00%	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%	24,940,745	21,653,709	15.18%	0	0	0.0%	46,128,492	40,205,304	14.7%
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%	4,547	46,629	-90.25%	0	0	0.0%	8,811	68,515	-87.1%
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%
ETHANOL	0	0	0.0%	0	11	-100.00%	0	0	0.0%	0	50	-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%
EUROPE 1% FUEL OIL RDAM C	-	0	0.0%	-	0	0.00%	-	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 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 RDM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN GASOIL (ICE)	0	0	0.0%	86	16	437.50%	0	0	0.0%	216	70	208.6%
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 RDM 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	48	-100.00%	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 CLNDR	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 CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Energy Futures</b>												
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%	4,055,409	3,445,017	17.72%	0	0	0.0%	8,311,471	6,207,192	33.9%
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%	124	0	0.00%	0	0	0.0%	124	0	0.0%
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	-	-
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%	246,235	264,677	-6.97%	0	0	0.0%	528,106	451,850	16.9%
MARS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI TRD M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS BLEND CRUDE OIL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	504	3,122	-83.86%	0	0	0.0%	1,460	7,496	-80.5%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MGN1 SWAP FUT	0	0	0.0%	0	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%
MINI RBOB V. EBOBARG 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. 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%	14	13	7.7%
MINY NATURAL GAS	0	0	0.0%	225,057	180,695	24.55%	0	0	0.0%	425,371	334,390	27.2%
MINY RBOB GAS	0	0	0.0%	8	6	33.33%	0	0	0.0%	17	13	30.8%
MINY WTI CRUDE OIL	0	0	0.0%	628,704	295,816	112.53%	0	0	0.0%	1,066,454	566,981	88.1%
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%	15	30	-50.00%	0	0	0.0%	115	55	109.1%
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%	11	0	0.00%	0	0	0.0%	24	7	242.9%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	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%	47,860	58,663	-18.42%	0	0	0.0%	92,962	85,470	8.8%
NATURAL GAS PEN SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS PHY	0	0	0.0%	8,460,237	10,702,508	-20.95%	0	0	0.0%	16,400,074	18,533,783	-11.5%
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%	4	14	-71.4%
NY HARBOR LOW SULPUR GA	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 FEB 2022	Open Outcry FEB 2021	% CHG	ELEC FEB 2022	ELEC FEB 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 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%
PJM WESTH RT 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 FEB 2022	Open Outcry FEB 2021	% CHG	ELEC FEB 2022	ELEC FEB 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>												
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%	4,180,441	3,960,853	5.54%	0	0	0.0%	7,759,236	7,578,117	2.4%
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%
UK NBP NAT GAS CAL MTH FU	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2,485	-100.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2022	Open Outcry FEB 2021	% CHG	ELEC FEB 2022	ELEC FEB 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>												
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%	558	2,911	-80.83%	0	0	0.0%	1,678	6,455	-74.0%
COAL API2 INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	9,487	7,480	26.83%	0	0	0.0%	13,394	16,830	-20.4%
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%	2,446,177	1,849,981	32.23%	0	0	0.0%	4,616,853	3,430,217	34.6%
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%	3,221	1,144	181.56%	0	0	0.0%	8,722	2,181	299.9%
HENRY HUB FINANCIAL LAST	0	0	0.0%	40	0	0.00%	0	0	0.0%	40	0	0.0%
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	-	-	2,940	-	-	0	-	-	3,130	-	-
NATURAL GAS 1 M CSO FIN	0	0	0.0%	2,225	2,950	-24.58%	0	0	0.0%	4,900	4,250	15.3%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2022	Open Outcry FEB 2021	% CHG	ELEC FEB 2022	ELEC FEB 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 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%	1,175,854	1,869,198	-37.09%	0	0	0.0%	2,143,356	2,931,721	-26.9%
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%	33	65	-49.23%	0	0	0.0%	54	119	-54.6%
PETROCHEMICALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	7	-100.0%
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 CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	1,562	1,782	-12.35%	0	0	0.0%	4,157	3,822	8.8%
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%	750	900	-16.67%	0	0	0.0%	950	1,400	-32.1%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	0	0.00%	0	0	0.0%	271	0	0.0%

### FX Futures

AD/CD CROSS RATES	0	0	0.0%	34	6	466.67%	0	0	0.0%	46	12	283.3%
AD/JY CROSS RATES	0	0	0.0%	5,784	2,524	129.16%	0	0	0.0%	8,177	4,443	84.0%
AD/NE CROSS RATES	0	0	0.0%	1,084	64	1,593.75%	0	0	0.0%	1,285	170	655.9%
AUSTRALIAN DOLLAR	0	0	0.0%	1,921,910	2,150,184	-10.62%	0	0	0.0%	3,670,405	4,348,040	-15.6%
BP/JY CROSS RATES	0	0	0.0%	2,569	2,334	10.07%	0	0	0.0%	5,211	4,056	28.5%
BP/SF CROSS RATES	0	0	0.0%	1,174	720	63.06%	0	0	0.0%	4,303	1,001	329.9%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>FX Futures</b>												
BRAZIL REAL	0	0	0.0%	277,936	180,548	53.94%	0	0	0.0%	602,111	425,146	41.6%
BRITISH POUND	0	0	0.0%	2,095,775	1,779,077	17.80%	0	0	0.0%	4,013,313	3,462,489	15.9%
CANADIAN DOLLAR	0	0	0.0%	1,498,810	1,449,906	3.37%	0	0	0.0%	3,048,480	2,838,262	7.4%
CD/JY CROSS RATES	0	0	0.0%	83	13	538.46%	0	0	0.0%	209	313	-33.2%
CHINESE RENMINBI (CNH)	0	0	0.0%	12,279	12,906	-4.86%	0	0	0.0%	27,239	29,976	-9.1%
CZECK KORUNA (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	3	0	0.0%
CZECK KORUNA (US)	0	0	0.0%	4	1	300.00%	0	0	0.0%	5	1	400.0%
EC/AD CROSS RATES	0	0	0.0%	3,006	2,603	15.48%	0	0	0.0%	5,896	5,905	-0.2%
EC/CD CROSS RATES	0	0	0.0%	2,784	2,069	34.56%	0	0	0.0%	6,808	4,584	48.5%
EC/NOK CROSS RATES	0	0	0.0%	357	457	-21.88%	0	0	0.0%	971	548	77.2%
EC/SEK CROSS RATES	0	0	0.0%	1,048	258	306.20%	0	0	0.0%	2,250	558	303.2%
EFX/BP CROSS RATES	0	0	0.0%	70,895	39,140	81.13%	0	0	0.0%	113,355	75,427	50.3%
EFX/JY CROSS RATES	0	0	0.0%	59,164	18,004	228.62%	0	0	0.0%	92,870	35,785	159.5%
EFX/SF CROSS RATES	0	0	0.0%	37,281	15,124	146.50%	0	0	0.0%	59,732	25,862	131.0%
E-MICRO USD/CAD	0	-	-	343	-		0	-	-	617	-	-
E-MICRO USD/CHF	0	-	-	85	-		0	-	-	99	-	-
E-MICRO USD/JPY	0	-	-	2,408	-		0	-	-	4,444	-	-
E-MINI EURO FX	0	0	0.0%	120,053	145,816	-17.67%	0	0	0.0%	234,676	309,146	-24.1%
E-MINI JAPANESE YEN	0	0	0.0%	5,765	11,991	-51.92%	0	0	0.0%	11,173	22,800	-51.0%
EURO FX	0	0	0.0%	3,952,584	3,692,082	7.06%	0	0	0.0%	7,341,633	7,060,787	4.0%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	0	7	-100.00%	0	0	0.0%	23	12	91.7%
INDIAN RUPEE	0	0	0.0%	21,023	17,000	23.66%	0	0	0.0%	35,702	36,152	-1.2%
JAPANESE YEN	0	0	0.0%	2,113,774	1,887,029	12.02%	0	0	0.0%	4,240,187	3,606,208	17.6%
KOREAN WON	0	0	0.0%	353	1,701	-79.25%	0	0	0.0%	1,101	3,537	-68.9%
MEXICAN PESO	0	0	0.0%	931,833	1,001,138	-6.92%	0	0	0.0%	1,758,947	2,065,994	-14.9%
MICRO AUD/USD	0	0	0.0%	293,377	220,881	32.82%	0	0	0.0%	533,073	519,839	2.5%
MICRO CAD/USD	0	0	0.0%	46,391	47,901	-3.15%	0	0	0.0%	116,897	86,376	35.3%
MICRO CHF/USD	0	0	0.0%	7,756	10,261	-24.41%	0	0	0.0%	18,401	17,668	4.1%
MICRO EUR/USD	0	0	0.0%	632,130	531,051	19.03%	0	0	0.0%	1,295,019	1,156,983	11.9%
MICRO GBP/USD	0	0	0.0%	73,468	64,860	13.27%	0	0	0.0%	159,697	138,078	15.7%
MICRO INR/USD	0	0	0.0%	713	2,028	-64.84%	0	0	0.0%	1,670	4,303	-61.2%
MICRO JPY/USD	0	0	0.0%	39,150	28,354	38.08%	0	0	0.0%	88,920	53,432	66.4%
MICRO USD/CNH	0	0	0.0%	1	1	0.00%	0	0	0.0%	1	1	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2022	Open Outcry FEB 2021	% CHG	ELEC FEB 2022	ELEC FEB 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>												
NEW ZEALND DOLLAR	0	0	0.0%	546,937	649,070	-15.74%	0	0	0.0%	1,031,201	1,253,684	-17.7%
NKR/USD CROSS RATE	0	0	0.0%	2,957	3,850	-23.19%	0	0	0.0%	5,864	6,494	-9.7%
POLISH ZLOTY (EC)	0	0	0.0%	58	62	-6.45%	0	0	0.0%	98	86	14.0%
POLISH ZLOTY (US)	0	0	0.0%	1,013	259	291.12%	0	0	0.0%	1,579	2,200	-28.2%
RMB USD	0	0	0.0%	0	0	0.00%	0	0	0.0%	1	0	0.0%
RUSSIAN RUBLE	0	0	0.0%	311,357	75,142	314.36%	0	0	0.0%	561,057	144,794	287.5%
S.AFRICAN RAND	0	0	0.0%	83,032	41,596	99.62%	0	0	0.0%	155,537	90,675	71.5%
SF/JY CROSS RATES	0	0	0.0%	17	32	-46.88%	0	0	0.0%	89	46	93.5%
SHEKEL	0	0	0.0%	22	2	1,000.00%	0	0	0.0%	34	3	1,033.3%
SKR/USD CROSS RATES	0	0	0.0%	5,461	2,764	97.58%	0	0	0.0%	9,937	5,374	84.9%
SWISS FRANC	0	0	0.0%	408,475	474,912	-13.99%	0	0	0.0%	838,581	859,419	-2.4%
TURKISH LIRA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	4	-100.0%
USDZAR	0	-	-	22	-		0	-	-	27	-	-
<b>FX Options</b>												
AUD/USD MONDAY OPTION W	0	0	0.0%	189	439	-56.95%	0	0	0.0%	875	705	24.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	2,006	224	795.54%	0	0	0.0%	2,120	1,390	52.5%
AUD/USD MONDAY OPTION W	0	0	0.0%	419	833	-49.70%	0	0	0.0%	419	833	-49.7%
AUD/USD MONDAY OPTION W	0	0	0.0%	412	277	48.74%	0	0	0.0%	680	502	35.5%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	779	0	0.0%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	49,984	44,292	12.85%	0	0	0.0%	112,970	96,261	17.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,939	2,192	79.70%	0	0	0.0%	5,804	3,790	53.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,948	1,619	143.85%	0	0	0.0%	6,738	4,868	38.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,612	2,819	-42.82%	0	0	0.0%	4,352	8,002	-45.6%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	1,174	-100.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,306	750	74.13%	0	0	0.0%	1,573	2,166	-27.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	907	565	60.53%	0	0	0.0%	1,635	2,190	-25.3%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	461	511	-9.78%	0	0	0.0%	615	1,729	-64.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	342	957	-64.26%	0	0	0.0%	1,183	2,459	-51.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	312	100	212.00%	0	0	0.0%	1,304	113	1,054.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2022	Open Outcry FEB 2021	% CHG	ELEC FEB 2022	ELEC FEB 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>												
CAD/USD MONDAY OPTIONS	0	0	0.0%	250	955	-73.82%	0	0	0.0%	299	1,803	-83.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,562	1,032	51.36%	0	0	0.0%	2,613	1,482	76.3%
CAD/USD MONDAY OPTIONS	0	0	0.0%	23	55	-58.18%	0	0	0.0%	23	55	-58.2%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,352	1,200	12.67%	0	0	0.0%	2,461	1,672	47.2%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,256	0	0.0%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	44,455	53,345	-16.67%	0	0	0.0%	121,088	93,145	30.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,216	4,954	-14.90%	0	0	0.0%	13,535	7,443	81.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,955	5,039	18.18%	0	0	0.0%	11,702	10,970	6.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,618	11,421	-59.57%	0	0	0.0%	10,060	16,487	-39.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	5,872	-100.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,979	1,431	38.29%	0	0	0.0%	2,546	2,340	8.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,009	1,267	58.56%	0	0	0.0%	3,822	2,099	82.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,185	1,111	96.67%	0	0	0.0%	3,412	1,560	118.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,492	703	112.23%	0	0	0.0%	3,414	898	280.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	4,003	3,087	29.67%	0	0	0.0%	15,171	6,301	140.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	306	376	-18.62%	0	0	0.0%	602	599	0.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	23	188	-87.77%	0	0	0.0%	323	253	27.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	382	196	94.90%	0	0	0.0%	679	763	-11.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	5	-100.0%
EUR/GBP MONTHLY OPTIONS	0	-	-	200	-		0	-	-	204	-	-
EUR/GBP WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,962	2,478	-20.82%	0	0	0.0%	2,419	2,645	-8.5%
EUR/USD MONDAY OPTION W	0	0	0.0%	7,608	454	1,575.77%	0	0	0.0%	9,927	2,538	291.1%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,689	231	631.17%	0	0	0.0%	1,689	231	631.2%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,501	492	408.33%	0	0	0.0%	3,328	4,515	-26.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,856	0	0.0%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	279,622	206,866	35.17%	0	0	0.0%	475,219	399,238	19.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	26,894	16,823	59.86%	0	0	0.0%	50,252	19,713	154.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	15,750	24,872	-36.68%	0	0	0.0%	32,617	41,920	-22.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	30,291	16,934	78.88%	0	0	0.0%	46,947	33,138	41.7%

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<b>FX Options</b>												
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	16,187	-100.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	8,596	6,557	31.10%	0	0	0.0%	14,399	11,180	28.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,050	5,969	-15.40%	0	0	0.0%	9,516	12,939	-26.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,421	6,860	-6.40%	0	0	0.0%	11,199	15,324	-26.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,593	8,302	-44.68%	0	0	0.0%	9,546	19,963	-52.2%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,090	551	97.82%	0	0	0.0%	1,279	551	132.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,632	0	0.00%	0	0	0.0%	2,736	204	1,241.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	348	100	248.00%	0	0	0.0%	348	100	248.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,493	117	1,176.07%	0	0	0.0%	1,779	458	288.4%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	361	0	0.0%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	65,188	99,437	-34.44%	0	0	0.0%	125,133	156,013	-19.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,653	4,744	-23.00%	0	0	0.0%	6,000	5,992	0.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,563	2,272	100.84%	0	0	0.0%	7,735	5,529	39.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,464	4,880	-49.51%	0	0	0.0%	5,216	6,720	-22.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	763	-100.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	3,100	1,329	133.26%	0	0	0.0%	4,644	1,554	198.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,063	81	1,212.35%	0	0	0.0%	1,927	885	117.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	791	881	-10.22%	0	0	0.0%	3,617	987	266.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	580	194	198.97%	0	0	0.0%	2,433	1,333	82.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	239	845	-71.72%	0	0	0.0%	392	995	-60.6%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,094	450	143.11%	0	0	0.0%	2,831	519	445.5%
JPY/USD MONDAY OPTION WE	0	0	0.0%	74	427	-82.67%	0	0	0.0%	74	427	-82.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	941	11	8,454.55%	0	0	0.0%	1,407	11	12,690.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.00%	0	0	0.0%	51	0	0.0%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	83,648	101,168	-17.32%	0	0	0.0%	211,567	159,220	32.9%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	13,004	8,902	46.08%	0	0	0.0%	24,125	9,680	149.2%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,617	8,178	-6.86%	0	0	0.0%	19,236	15,740	22.2%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	13,597	8,032	69.29%	0	0	0.0%	22,077	16,797	31.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	8,156	-100.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,785	2,216	70.80%	0	0	0.0%	6,107	3,347	82.5%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2022	Open Outcry FEB 2021	% CHG	ELEC FEB 2022	ELEC FEB 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%	2,025	2,027	-0.10%	0	0	0.0%	6,137	5,779	6.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,183	1,968	61.74%	0	0	0.0%	5,332	4,127	29.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,000	2,156	39.15%	0	0	0.0%	5,416	5,463	-0.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	280	457	-38.73%	0	0	0.0%	2,046	2,288	-10.6%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	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	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%	10	71	-85.92%	0	0	0.0%	50	188	-73.4%
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	10	-100.00%	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	-	-	23	-		0	-	-	23	-	-
<b>Foreign Exchange Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,676	1,007	66.43%	0	0	0.0%	1,914	2,049	-6.6%

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<b>Ag Products Futures</b>												
BLOCK CHEESE	0	0	0.0%	219	251	-12.75%	0	0	0.0%	553	759	-27.1%
BUTTER CS	0	0	0.0%	4,070	3,134	29.87%	0	0	0.0%	10,871	9,329	16.5%
CASH-SETTLED CHEESE	0	0	0.0%	7,321	9,897	-26.03%	0	0	0.0%	18,838	24,033	-21.6%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,111,619	1,037,094	7.19%	0	0	0.0%	2,527,930	2,452,999	3.1%
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%	3,127,253	2,867,371	9.06%	0	0	0.0%	5,056,173	5,291,086	-4.4%
CLASS IV MILK	0	0	0.0%	2,603	367	609.26%	0	0	0.0%	6,432	1,059	507.4%
COFFEE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2	-100.0%
CORN	0	0	0.0%	8,878,970	8,241,231	7.74%	0	0	0.0%	14,959,414	16,566,100	-9.7%
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	0	0.0%
DOW-UBS COMMOD INDEX	0	0	0.0%	29,483	37,142	-20.62%	0	0	0.0%	83,234	64,826	28.4%
DRY WHEY	0	0	0.0%	1,153	2,210	-47.83%	0	0	0.0%	1,928	4,153	-53.6%
FEEDER CATTLE	0	0	0.0%	275,227	194,743	41.33%	0	0	0.0%	515,639	427,884	20.5%
FERTILIZER PROUDCS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	3,327	12,154	-72.63%	0	0	0.0%	6,764	27,024	-75.0%
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	0.00%	-	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%	925,917	824,469	12.30%	0	0	0.0%	2,036,254	1,740,164	17.0%
HOUSING INDEX	0	0	0.0%	12	8	50.00%	0	0	0.0%	29	23	26.1%
Intercommodity Spread	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
KC WHEAT	0	0	0.0%	1,329,191	1,298,142	2.39%	0	0	0.0%	2,266,079	2,101,462	7.8%
LUMBER	0	0	0.0%	10,027	9,834	1.96%	0	0	0.0%	18,251	18,260	0.0%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	26,739	20,262	31.97%	0	0	0.0%	60,360	50,887	18.6%
MINI CORN	0	0	0.0%	65,319	58,487	11.68%	0	0	0.0%	113,586	130,477	-12.9%
MINI SOYBEAN	0	0	0.0%	101,338	62,011	63.42%	0	0	0.0%	160,596	156,059	2.9%
MINI WHEAT	0	0	0.0%	35,589	18,396	93.46%	0	0	0.0%	57,847	40,583	42.5%

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<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%	7,275	6,810	6.83%	0	0	0.0%	15,063	12,986	16.0%
OATS	0	0	0.0%	13,622	11,265	20.92%	0	0	0.0%	23,935	18,670	28.2%
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%	2,526	4,489	-43.73%	0	0	0.0%	4,961	7,892	-37.1%
ROUGH RICE	0	0	0.0%	25,024	24,162	3.57%	0	0	0.0%	37,166	33,537	10.8%
SOYBEAN	0	0	0.0%	6,092,012	4,867,929	25.15%	0	0	0.0%	10,195,274	10,042,879	1.5%
SOYBEAN MEAL	0	0	0.0%	2,698,172	2,021,575	33.47%	0	0	0.0%	4,908,613	3,880,550	26.5%
SOYBEAN OIL	0	0	0.0%	2,571,942	2,511,537	2.41%	0	0	0.0%	4,803,077	5,113,384	-6.1%
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SUGAR 11	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
USD CRUDE PALM OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WHEAT	0	0	0.0%	2,314	2,614	-11.48%	0	0	0.0%	5,151	6,238	-17.4%
<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%	70	52	34.62%	0	0	0.0%	370	230	60.9%
BUTTER CS	0	0	0.0%	552	1,493	-63.03%	0	0	0.0%	2,565	4,028	-36.3%
CASH-SETTLED CHEESE	0	0	0.0%	6,033	6,958	-13.29%	0	0	0.0%	17,775	18,559	-4.2%
CATTLE	0	0	0.0%	204,568	167,796	21.91%	0	0	0.0%	378,325	385,636	-1.9%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	-	-	0	-	-	0	-	-	0	-	-
CHI WHEAT	0	0	0.0%	793,740	388,660	104.22%	0	0	0.0%	1,435,592	958,387	49.8%
CLASS IV MILK	0	0	0.0%	7,275	1,831	297.32%	0	0	0.0%	14,636	5,084	187.9%
CORN	0	0	0.0%	2,433,104	2,234,736	8.88%	0	0	0.0%	4,512,519	6,046,124	-25.4%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	16,865	11,360	48.46%	0	0	0.0%	52,825	18,021	193.1%
DEC-DEC CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DEC-JULY CORN CAL SPRD	0	0	0.0%	1,200	0	0.00%	0	0	0.0%	1,200	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%	21	339	-93.81%	0	0	0.0%	21	375	-94.4%
FEEDER CATTLE	0	0	0.0%	34,428	12,021	186.40%	0	0	0.0%	62,412	33,529	86.1%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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<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%	299,638	211,588	41.61%	0	0	0.0%	521,428	361,500	44.2%
HOUSING INDEX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
Intercommodity Spread	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	265	-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%	12,152	6,300	92.89%	0	0	0.0%	21,033	12,635	66.5%
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%	2,000	50	3,900.00%	0	0	0.0%	2,000	50	3,900.0%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	3,936	0	0.00%	0	0	0.0%	9,728	100	9,628.0%
KC WHEAT	0	0	0.0%	100,383	48,240	108.09%	0	0	0.0%	209,829	105,623	98.7%
LUMBER	0	0	0.0%	517	810	-36.17%	0	0	0.0%	1,272	1,331	-4.4%
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%	3,450	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%	12,668	27,847	-54.51%	0	0	0.0%	34,600	60,810	-43.1%
MLK MID OPTIONS	0	0	0.0%	12	0	0.00%	0	0	0.0%	14	0	0.0%
NFD MILK	0	0	0.0%	2,952	4,767	-38.07%	0	0	0.0%	7,602	9,112	-16.6%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	600	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%	285	46	519.57%	0	0	0.0%	481	205	134.6%
PORK CUTOUT	0	0	0.0%	0	336	-100.00%	0	0	0.0%	0	489	-100.0%
ROUGH RICE	0	0	0.0%	1,341	725	84.97%	0	0	0.0%	1,748	1,040	68.1%
SOYBEAN	0	0	0.0%	2,507,475	1,441,712	73.92%	0	0	0.0%	4,216,042	3,962,179	6.4%
SOYBEAN CRUSH	0	0	0.0%	0	130	-100.00%	0	0	0.0%	21	310	-93.2%
SOYBEAN MEAL	0	0	0.0%	360,979	207,913	73.62%	0	0	0.0%	638,975	493,402	29.5%
SOYBEAN OIL	0	0	0.0%	239,240	247,151	-3.20%	0	0	0.0%	485,641	548,593	-11.5%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	4,300	270	1,492.59%	0	0	0.0%	4,300	3,510	22.5%
SOYMEAL NEARBY+2 CAL SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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<b>Ag Products Options</b>												
WHEAT	0	0	0.0%	422	1,148	-63.24%	0	0	0.0%	732	2,149	-65.9%
WHEAT-CORN ICSD	0	0	0.0%	0	100	-100.00%	0	0	0.0%	20	163	-87.7%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	2,827	168	1,582.74%	0	0	0.0%	2,928	1,304	124.5%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	858,990	494,047	73.9%	228,112,915	197,943,996	15.2%	1,537,463	742,900	107.0%	386,328,591	312,684,566	23.6%
Equity Index Futures	0	0	0.0%	129,276,844	91,609,820	41.1%	0	0	0.0%	275,858,986	184,355,190	49.6%
Metals Futures	0	0	0.0%	9,433,223	12,262,120	-23.1%	0	0	0.0%	19,553,966	24,356,944	-19.7%
Energy Futures	0	0	0.0%	45,079,032	42,691,703	5.6%	0	0	0.0%	84,764,218	78,062,145	8.6%
FX Futures	0	0	0.0%	15,592,535	14,565,728	7.0%	0	0	0.0%	30,108,954	28,706,673	4.9%
Ags Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	4	-50.0%
Foreign Exchange Futures	0	-	-	23	-		0	-	-	23	-	-
Ag Products Futures	0	0	0.0%	27,348,264	24,147,584	13.3%	0	0	0.0%	47,894,018	48,223,380	-0.7%
<b>TOTAL FUTURES</b>	<b>858,990</b>	<b>494,047</b>	<b>73.9%</b>	<b>454,842,836</b>	<b>383,220,951</b>	<b>18.7%</b>	<b>1,537,463</b>	<b>742,900</b>	<b>107.0%</b>	<b>844,508,758</b>	<b>676,388,902</b>	<b>24.9%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	21,895,988	12,396,631	76.6%	0	0	0.0%	47,568,649	24,920,043	90.9%
Interest Rate Options	18,449,131	14,772,245	24.9%	28,438,334	30,276,831	-6.1%	37,853,260	24,754,104	52.9%	60,322,032	54,183,353	11.3%
Metals Options	0	0	0.0%	1,190,038	1,143,830	4.0%	0	0	0.0%	2,134,865	2,238,252	-4.6%
Energy Options	0	0	0.0%	3,642,847	3,736,411	-2.5%	0	0	0.0%	6,797,505	6,397,002	6.3%
FX Options	0	0	0.0%	750,286	690,280	8.7%	0	0	0.0%	1,474,227	1,273,354	15.8%
Ag Products Options	0	0	0.0%	7,053,033	5,024,547	40.4%	0	0	0.0%	12,646,959	13,034,743	-3.0%
Foreign Exchange Options	0	0	0.0%	1,676	1,007	66.4%	0	0	0.0%	1,914	2,049	-6.6%
<b>TOTAL OPTIONS</b>	<b>18,449,131</b>	<b>14,772,245</b>	<b>24.9%</b>	<b>62,972,202</b>	<b>53,269,537</b>	<b>18.2%</b>	<b>37,853,260</b>	<b>24,754,104</b>	<b>52.9%</b>	<b>130,946,151</b>	<b>102,048,796</b>	<b>28.3%</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 FEB 2022	Open Outcry FEB 2021	% CHG	ELEC FEB 2022	ELEC FEB 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	19,308,121	15,266,292	26.5%	256,551,249	228,220,827	12.4%	39,390,723	25,497,004	54.5%	446,650,623	366,867,919	21.7%
Equity Index	0	0	0.0%	151,172,832	104,006,451	45.3%	0	0	0.0%	323,427,635	209,275,233	54.5%
Metals	0	0	0.0%	10,623,261	13,405,950	-20.8%	0	0	0.0%	21,688,831	26,595,196	-18.4%
Energy	0	0	0.0%	48,721,879	46,428,114	4.9%	0	0	0.0%	91,561,723	84,459,147	8.4%
FX	0	0	0.0%	16,342,821	15,256,008	7.1%	0	0	0.0%	31,583,181	29,980,027	5.3%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	4	-50.0%
Foreign Exchange	0	0	0.0%	1,699	1,007	68.7%	0	0	0.0%	1,937	2,049	-5.5%
Ag Products	0	0	0.0%	34,401,297	29,172,131	17.9%	0	0	0.0%	60,540,977	61,258,123	-1.2%
<b>GRAND TOTAL</b>	<b>19,308,121</b>	<b>15,266,292</b>	<b>26.5%</b>	<b>517,815,038</b>	<b>436,490,488</b>	<b>18.6%</b>	<b>39,390,723</b>	<b>25,497,004</b>	<b>54.5%</b>	<b>975,454,909</b>	<b>778,437,698</b>	<b>25.3%</b>

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