



CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2022	Open Outcry JAN 2021	% CHG	ELEC JAN 2022	ELEC JAN 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
Interest Rate Futures												
10-YR NOTE	0	0	0.0%	35,331,998	31,553,534	11.97%	0	0	0.0%	35,331,998	31,553,534	12.0%
10-YR SWAP RATE	0	0	0.0%	29,476	40,359	-26.97%	0	0	0.0%	29,476	40,359	-27.0%
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%	9,096,600	5,220,931	74.23%	0	0	0.0%	9,096,600	5,220,931	74.2%
2-YR SWAP RATE	0	0	0.0%	30,058	42,651	-29.53%	0	0	0.0%	30,058	42,651	-29.5%
30-YR BOND	0	0	0.0%	7,573,594	7,800,644	-2.91%	0	0	0.0%	7,573,594	7,800,644	-2.9%
30-YR SWAP RATE	0	0	0.0%	304	0	0.00%	0	0	0.0%	304	0	0.0%
3-YR NOTE	0	0	0.0%	362,276	148,830	143.42%	0	0	0.0%	362,276	148,830	143.4%
3-YR SWAP RATE	0	0	0.0%	12,119	2,080	482.64%	0	0	0.0%	12,119	2,080	482.6%
4-YR SWAP RATE	0	0	0.0%	7,713	145	5,219.31%	0	0	0.0%	7,713	145	5,219.3%
5-YR NOTE	0	0	0.0%	21,519,286	16,656,550	29.19%	0	0	0.0%	21,519,286	16,656,550	29.2%
5-YR SWAP RATE	0	0	0.0%	62,841	68,000	-7.59%	0	0	0.0%	62,841	68,000	-7.6%
7-YR SWAP RATE	0	0	0.0%	4,753	2,223	113.81%	0	0	0.0%	4,753	2,223	113.8%
EURODOLLARS	677,563	248,853	172.3%	51,699,342	40,853,031	26.55%	677,563	248,853	172.3%	51,699,342	40,853,031	26.5%
FED FUND	0	0	0.0%	7,149,673	1,742,683	310.27%	0	0	0.0%	7,149,673	1,742,683	310.3%
SOFR	910	0	0.0%	14,520,859	1,798,290	707.48%	910	0	0.0%	14,520,859	1,798,290	707.5%
SONIA	0	0	0.0%	340	147,255	-99.77%	0	0	0.0%	340	147,255	-99.8%
TIIE	0	-	-	83	-	-	0	-	-	83	-	-
Ultra 10-Year Note	0	0	0.0%	7,364,558	5,440,591	35.36%	0	0	0.0%	7,364,558	5,440,591	35.4%
ULTRA T-BOND	0	0	0.0%	3,449,803	3,222,773	7.04%	0	0	0.0%	3,449,803	3,222,773	7.0%

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Interest Rate Options												
10-YR NOTE	0	0	0.0%	14,256,326	13,833,773	3.05%	0	0	0.0%	14,256,326	13,833,773	3.1%
2-YR NOTE	0	0	0.0%	29,657	9,688	206.12%	0	0	0.0%	29,657	9,688	206.1%
30-YR BOND	0	0	0.0%	2,478,051	2,906,387	-14.74%	0	0	0.0%	2,478,051	2,906,387	-14.7%
5-YR NOTE	0	0	0.0%	4,829,580	1,647,296	193.18%	0	0	0.0%	4,829,580	1,647,296	193.2%
EURODOLLARS	11,761,785	2,782,053	322.8%	6,147,249	1,448,148	324.49%	11,761,785	2,782,053	322.8%	6,147,249	1,448,148	324.5%
EURO MIDCURVE	7,494,244	7,199,806	4.1%	4,127,266	4,060,884	1.63%	7,494,244	7,199,806	4.1%	4,127,266	4,060,884	1.6%
FED FUND	0	0	0.0%	21	0	0.00%	0	0	0.0%	21	0	0.0%
SOFR	93,150	0	0.0%	6,358	0	0.00%	93,150	0	0.0%	6,358	0	0.0%
SOFR MIDCURVE	54,950	0	0.0%	6,479	50	12,858.00%	54,950	0	0.0%	6,479	50	12,858.0%
Ultra 10-Year Note	0	0	0.0%	438	0	0.00%	0	0	0.0%	438	0	0.0%
ULTRA T-BOND	0	0	0.0%	2,273	296	667.91%	0	0	0.0%	2,273	296	667.9%
Equity Index Futures												
BITCOIN FUTURES	0	0	0.0%	179,485	332,912	-46.09%	0	0	0.0%	179,485	332,912	-46.1%
DJ US REAL ESTATE	0	0	0.0%	31,188	23,452	32.99%	0	0	0.0%	31,188	23,452	33.0%
E-mini (\$5) Dow	0	0	0.0%	5,426,034	3,754,829	44.51%	0	0	0.0%	5,426,034	3,754,829	44.5%
E-MINI COM SERVICES SELEC	0	0	0.0%	2,346	1,502	56.19%	0	0	0.0%	2,346	1,502	56.2%
E-mini FTSE China 50	0	0	0.0%	131	0	0.00%	0	0	0.0%	131	0	0.0%
E-MINI MIDCAP	0	0	0.0%	377,566	269,908	39.89%	0	0	0.0%	377,566	269,908	39.9%
E-MINI NASDAQ 100	0	0	0.0%	16,277,115	10,162,061	60.18%	0	0	0.0%	16,277,115	10,162,061	60.2%
E-MINI RUSSELL 1000	0	0	0.0%	2,925	2,324	25.86%	0	0	0.0%	2,925	2,324	25.9%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	5,177	1,334	288.08%	0	0	0.0%	5,177	1,334	288.1%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	5,690	3,490	63.04%	0	0	0.0%	5,690	3,490	63.0%
E-MINI RUSSELL 2000	0	0	0.0%	5,830,837	3,799,798	53.45%	0	0	0.0%	5,830,837	3,799,798	53.5%
E-MINI S&P500	0	0	0.0%	41,451,079	30,103,003	37.70%	0	0	0.0%	41,451,079	30,103,003	37.7%
E-MINI S&P500 ESG	0	0	0.0%	44,039	8,875	396.21%	0	0	0.0%	44,039	8,875	396.2%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	2,624	2,155	21.76%	0	0	0.0%	2,624	2,155	21.8%
ETHER FUTURES	0	-	-	120,168	-		0	-	-	120,168	-	-
FT-SE 100	0	0	0.0%	154	0	0.00%	0	0	0.0%	154	0	0.0%
FTSE Emerging	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
IBOVESPA INDEX	0	0	0.0%	37	428	-91.36%	0	0	0.0%	37	428	-91.4%

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Equity Index Futures												
MICRO BITCOIN FUTURES	0	-	-	418,160	-		0	-	-	418,160	-	-
MICRO E-MINI NASDAQ 100	0	0	0.0%	35,462,095	17,308,584	104.88%	0	0	0.0%	35,462,095	17,308,584	104.9%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	4,670,585	3,591,985	30.03%	0	0	0.0%	4,670,585	3,591,985	30.0%
MICRO E-MINI S&P500	0	0	0.0%	29,256,736	18,935,054	54.51%	0	0	0.0%	29,256,736	18,935,054	54.5%
MICRO ETHER FUTURES	0	-	-	431,958	-		0	-	-	431,958	-	-
MICRO MINI \$5 DOW	0	0	0.0%	5,408,409	3,533,726	53.05%	0	0	0.0%	5,408,409	3,533,726	53.1%
NASDAQ-100 VOLATILITY	0	0	0.0%	7,212	0	0.00%	0	0	0.0%	7,212	0	0.0%
NASDAQ BIOTECH	0	0	0.0%	147	675	-78.22%	0	0	0.0%	147	675	-78.2%
Nearby BTIC+	0	0	0.0%	50	0	0.00%	0	0	0.0%	50	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	150,350	127,839	17.61%	0	0	0.0%	150,350	127,839	17.6%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	850,461	651,935	30.45%	0	0	0.0%	850,461	651,935	30.5%
S&P 500	0	0	0.0%	0	2,807	-100.00%	0	0	0.0%	0	2,807	-100.0%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	23,964	20,041	19.57%	0	0	0.0%	23,964	20,041	19.6%
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%	161	142	13.38%	0	0	0.0%	161	142	13.4%
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%	9,690	9,058	6.98%	0	0	0.0%	9,690	9,058	7.0%
S&P CONSUMER STAPLES SE	0	0	0.0%	8,836	7,449	18.62%	0	0	0.0%	8,836	7,449	18.6%
S&P ENERGY SECTOR	0	0	0.0%	17,984	19,831	-9.31%	0	0	0.0%	17,984	19,831	-9.3%
S&P FINANCIAL SECTOR	0	0	0.0%	18,323	27,893	-34.31%	0	0	0.0%	18,323	27,893	-34.3%
S&P HEALTH CARE SECTOR	0	0	0.0%	16,213	9,772	65.91%	0	0	0.0%	16,213	9,772	65.9%
S&P INDUSTRIAL SECTOR	0	0	0.0%	16,421	7,481	119.50%	0	0	0.0%	16,421	7,481	119.5%
S&P MATERIALS SECTOR	0	0	0.0%	5,355	5,816	-7.93%	0	0	0.0%	5,355	5,816	-7.9%
S&P TECHNOLOGY SECTOR	0	0	0.0%	30,611	7,070	332.97%	0	0	0.0%	30,611	7,070	333.0%
S&P UTILITIES SECTOR	0	0	0.0%	17,704	10,628	66.58%	0	0	0.0%	17,704	10,628	66.6%
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%	184	86	113.95%	0	0	0.0%	184	86	114.0%
YEN DENOMINATED TOPIX	0	0	0.0%	3,938	1,427	175.96%	0	0	0.0%	3,938	1,427	176.0%

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Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	1,246	1,561	-20.18%	0	0	0.0%	1,246	1,561	-20.2%
E-mini (\$5) Dow	0	0	0.0%	2,243	1,762	27.30%	0	0	0.0%	2,243	1,762	27.3%
E-MINI NASDAQ 100	0	0	0.0%	900,498	373,190	141.30%	0	0	0.0%	900,498	373,190	141.3%
E-MINI RUSSELL 2000	0	0	0.0%	32,403	26,492	22.31%	0	0	0.0%	32,403	26,492	22.3%
E-MINI S&P500	0	0	0.0%	9,598,609	5,180,464	85.28%	0	0	0.0%	9,598,609	5,180,464	85.3%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	24,678	23,951	3.04%	0	0	0.0%	24,678	23,951	3.0%
EOM EMINI S&P	0	0	0.0%	2,960,377	1,919,404	54.23%	0	0	0.0%	2,960,377	1,919,404	54.2%
EOM S&P 500	0	0	0.0%	400	0	0.00%	0	0	0.0%	400	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	18,698	7,635	144.90%	0	0	0.0%	18,698	7,635	144.9%
EOW1 EMINI S&P 500	0	0	0.0%	2,155,697	469,822	358.83%	0	0	0.0%	2,155,697	469,822	358.8%
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%	17,765	8,537	108.09%	0	0	0.0%	17,765	8,537	108.1%
EOW2 EMINI S&P 500	0	0	0.0%	2,284,159	1,028,224	122.15%	0	0	0.0%	2,284,159	1,028,224	122.1%
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%	56,745	30,981	83.16%	0	0	0.0%	56,745	30,981	83.2%
EOW3 EMINI S&P 500	0	0	0.0%	4,547,724	2,415,023	88.31%	0	0	0.0%	4,547,724	2,415,023	88.3%
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%	23,976	13,521	77.32%	0	0	0.0%	23,976	13,521	77.3%
EOW4 EMINI S&P 500	0	0	0.0%	2,642,498	895,287	195.16%	0	0	0.0%	2,642,498	895,287	195.2%
MICRO E-MINI NASDAQ	0	0	0.0%	8,075	754	970.95%	0	0	0.0%	8,075	754	971.0%
MICRO E-MINI NASDAQ 100	0	-	-	24,329	-		0	-	-	24,329	-	-
MICRO E-MINI NASDAQ END O	0	0	0.0%	12,473	3,117	300.16%	0	0	0.0%	12,473	3,117	300.2%
MICRO E-MINI NASDAQ WEEKL	0	0	0.0%	57,411	6,582	772.24%	0	0	0.0%	57,411	6,582	772.2%
MICRO E-MINI S&P 500	0	0	0.0%	42,577	15,163	180.80%	0	0	0.0%	42,577	15,163	180.8%
MICRO E-MINI S&P 500 END OF	0	0	0.0%	64,337	31,514	104.15%	0	0	0.0%	64,337	31,514	104.2%
MICRO E-MINI S&P 500 WEEKL	0	0	0.0%	195,743	70,228	178.73%	0	0	0.0%	195,743	70,228	178.7%
S&P 500	0	0	0.0%	0	200	-100.00%	0	0	0.0%	0	200	-100.0%

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Metals Futures												
ALUMINUM	0	0	0.0%	12,906	2,926	341.08%	0	0	0.0%	12,906	2,926	341.1%
COBALT METAL FUTURES	0	0	0.0%	11	12	-8.33%	0	0	0.0%	11	12	-8.3%
COMEX COPPER	0	0	0.0%	1,659,649	1,832,117	-9.41%	0	0	0.0%	1,659,649	1,832,117	-9.4%
COMEX E-Mini GOLD	0	0	0.0%	29,906	25,557	17.02%	0	0	0.0%	29,906	25,557	17.0%
COMEX E-Mini SILVER	0	0	0.0%	4,032	7,471	-46.03%	0	0	0.0%	4,032	7,471	-46.0%
COMEX GOLD	0	0	0.0%	5,737,654	6,015,744	-4.62%	0	0	0.0%	5,737,654	6,015,744	-4.6%
COMEX MINY COPPER	0	0	0.0%	3,106	2,557	21.47%	0	0	0.0%	3,106	2,557	21.5%
COMEX SILVER	0	0	0.0%	1,269,282	1,996,918	-36.44%	0	0	0.0%	1,269,282	1,996,918	-36.4%
COPPER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	445	1,400	-68.21%	0	0	0.0%	445	1,400	-68.2%
GOLD	0	0	0.0%	10,583	4,637	128.23%	0	0	0.0%	10,583	4,637	128.2%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	247	81	204.94%	0	0	0.0%	247	81	204.9%
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	4	-100.00%	0	0	0.0%	0	4	-100.0%
METALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MICRO GOLD	0	0	0.0%	851,959	1,649,198	-48.34%	0	0	0.0%	851,959	1,649,198	-48.3%
NYMEX HOT ROLLED STEEL	0	0	0.0%	5,401	6,462	-16.42%	0	0	0.0%	5,401	6,462	-16.4%
NYMEX PLATINUM	0	0	0.0%	354,041	282,744	25.22%	0	0	0.0%	354,041	282,744	25.2%
PALLADIUM	0	0	0.0%	42,014	36,292	15.77%	0	0	0.0%	42,014	36,292	15.8%
SILVER	0	0	0.0%	139,507	230,704	-39.53%	0	0	0.0%	139,507	230,704	-39.5%
URANIUM	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 JAN 2022	Open Outcry JAN 2021	% CHG	ELEC JAN 2022	ELEC JAN 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
Metals Options												
ALUMINUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COMEX COPPER	0	0	0.0%	39,803	19,628	102.79%	0	0	0.0%	39,803	19,628	102.8%
COMEX GOLD	0	0	0.0%	624,317	706,724	-11.66%	0	0	0.0%	624,317	706,724	-11.7%
COMEX SILVER	0	0	0.0%	94,396	199,785	-52.75%	0	0	0.0%	94,396	199,785	-52.8%
COPPER	0	0	0.0%	161	5	3,120.00%	0	0	0.0%	161	5	3,120.0%
GOLD	0	0	0.0%	159,915	160,417	-0.31%	0	0	0.0%	159,915	160,417	-0.3%
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%	659	675	-2.37%	0	0	0.0%	659	675	-2.4%
PALLADIUM	0	0	0.0%	9	13	-30.77%	0	0	0.0%	9	13	-30.8%
SILVER	0	0	0.0%	25,567	7,175	256.33%	0	0	0.0%	25,567	7,175	256.3%
Energy Futures												
3.5% FUEL OIL CID MED SWA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
AEP-DAYTON HUB DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS PROPAN FAR EST IND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS PROPAN(SAUDI ARAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
AUSTRIALIAN COKE COAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BRENT BALMO SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT FINANCIAL FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	1,748,833	1,940,018	-9.85%	0	0	0.0%	1,748,833	1,940,018	-9.9%
CAR VINTAGE	0	-	-	2,640	-		0	-	-	2,640	-	-
CHICAGO ETHANOL SWAP	0	0	0.0%	757	357	112.04%	0	0	0.0%	757	357	112.0%
CHICAGO ULSD PL VS HO SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2022	Open Outcry JAN 2021	% CHG	ELEC JAN 2022	ELEC JAN 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
Energy Futures												
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	19	-100.00%	0	0	0.0%	0	19	-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%	21,187,747	18,551,595	14.21%	0	0	0.0%	21,187,747	18,551,595	14.2%
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	-	-
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%	4,264	21,886	-80.52%	0	0	0.0%	4,264	21,886	-80.5%
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	39	-100.00%	0	0	0.0%	0	39	-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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Energy Futures												
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%	130	54	140.74%	0	0	0.0%	130	54	140.7%
EUROPEAN NAPHTHA BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN NAPHTHA CRACK S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE DATED BRENT SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE NAPHTHA CALSWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO PROPANE CIF ARA SW	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL CRACK VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CM	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
FUELOIL SWAP:CARGOES VS.	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1CIF MED VS ICE	0	-	-	0	-		0	-	-	0	-	-
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	0	0.00%	0	0	0.0%	0	0	0.0%
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

	Open Outcry JAN 2022	Open Outcry JAN 2021	% CHG	ELEC JAN 2022	ELEC JAN 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
Energy Futures												
HEATING OIL CRCK SPRD BAL	0	-	-	0	-		0	-	-	0	-	-
HEATING OIL PHY	0	0	0.0%	4,256,062	2,762,175	54.08%	0	0	0.0%	4,256,062	2,762,175	54.1%
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%	0	0	0.00%	0	0	0.0%	0	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%	281,871	187,173	50.59%	0	0	0.0%	281,871	187,173	50.6%
MARS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI TRD M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS BLEND CRUDE OIL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	956	4,374	-78.14%	0	0	0.0%	956	4,374	-78.1%
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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CME Group Exchange Volume Comparison Report - Monthly

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Energy Futures												
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%	6	8	-25.00%	0	0	0.0%	6	8	-25.0%
MINY NATURAL GAS	0	0	0.0%	200,314	153,695	30.33%	0	0	0.0%	200,314	153,695	30.3%
MINY RBOB GAS	0	0	0.0%	9	7	28.57%	0	0	0.0%	9	7	28.6%
MINY WTI CRUDE OIL	0	0	0.0%	437,750	271,165	61.43%	0	0	0.0%	437,750	271,165	61.4%
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%	100	25	300.00%	0	0	0.0%	100	25	300.0%
MONT BELVIEU ETHANE OPIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	13	7	85.71%	0	0	0.0%	13	7	85.7%
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%	45,102	26,807	68.25%	0	0	0.0%	45,102	26,807	68.2%
NATURAL GAS PEN SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS PHY	0	0	0.0%	7,939,837	7,831,275	1.39%	0	0	0.0%	7,939,837	7,831,275	1.4%
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%	0	14	-100.00%	0	0	0.0%	0	14	-100.0%
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 JAN 2022	Open Outcry JAN 2021	% CHG	ELEC JAN 2022	ELEC JAN 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
Energy Futures												
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

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Energy Futures												
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%	3,578,795	3,617,264	-1.06%	0	0	0.0%	3,578,795	3,617,264	-1.1%
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	2,485	-100.00%	0	0	0.0%	0	2,485	-100.0%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Futures												
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%
Energy Options												
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CRUDE OIL 1 M CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	1,120	3,544	-68.40%	0	0	0.0%	1,120	3,544	-68.4%
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%	3,907	9,350	-58.21%	0	0	0.0%	3,907	9,350	-58.2%
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%	2,170,676	1,580,236	37.36%	0	0	0.0%	2,170,676	1,580,236	37.4%
ELEC FINSETTLED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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%	5,501	1,037	430.47%	0	0	0.0%	5,501	1,037	430.5%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	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	-	-	190	-	-	0	-	-	190	-	-
NATURAL GAS 1 M CSO FIN	0	0	0.0%	2,675	1,300	105.77%	0	0	0.0%	2,675	1,300	105.8%
NATURAL GAS 2 M CSO FIN	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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Energy Options												
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%	967,502	1,062,523	-8.94%	0	0	0.0%	967,502	1,062,523	-8.9%
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%	21	54	-61.11%	0	0	0.0%	21	54	-61.1%
PETROCHEMICALS	0	0	0.0%	0	7	-100.00%	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%	2,595	2,040	27.21%	0	0	0.0%	2,595	2,040	27.2%
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%	200	500	-60.00%	0	0	0.0%	200	500	-60.0%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	271	0	0.00%	0	0	0.0%	271	0	0.0%

FX Futures

AD/CD CROSS RATES	0	0	0.0%	12	6	100.00%	0	0	0.0%	12	6	100.0%
AD/JY CROSS RATES	0	0	0.0%	2,393	1,919	24.70%	0	0	0.0%	2,393	1,919	24.7%
AD/NE CROSS RATES	0	0	0.0%	201	106	89.62%	0	0	0.0%	201	106	89.6%
AUSTRALIAN DOLLAR	0	0	0.0%	1,748,495	2,197,856	-20.45%	0	0	0.0%	1,748,495	2,197,856	-20.4%
BP/JY CROSS RATES	0	0	0.0%	2,642	1,722	53.43%	0	0	0.0%	2,642	1,722	53.4%
BP/SF CROSS RATES	0	0	0.0%	3,129	281	1,013.52%	0	0	0.0%	3,129	281	1,013.5%
BRAZIL REAL	0	0	0.0%	324,175	244,598	32.53%	0	0	0.0%	324,175	244,598	32.5%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2022	Open Outcry JAN 2021	% CHG	ELEC JAN 2022	ELEC JAN 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
FX Futures												
BRITISH POUND	0	0	0.0%	1,917,538	1,683,412	13.91%	0	0	0.0%	1,917,538	1,683,412	13.9%
CANADIAN DOLLAR	0	0	0.0%	1,549,670	1,388,356	11.62%	0	0	0.0%	1,549,670	1,388,356	11.6%
CD/JY CROSS RATES	0	0	0.0%	126	300	-58.00%	0	0	0.0%	126	300	-58.0%
CHINESE RENMINBI (CNH)	0	0	0.0%	14,960	17,070	-12.36%	0	0	0.0%	14,960	17,070	-12.4%
CZECK KORUNA (EC)	0	0	0.0%	3	0	0.00%	0	0	0.0%	3	0	0.0%
CZECK KORUNA (US)	0	0	0.0%	1	0	0.00%	0	0	0.0%	1	0	0.0%
EC/AD CROSS RATES	0	0	0.0%	2,890	3,302	-12.48%	0	0	0.0%	2,890	3,302	-12.5%
EC/CD CROSS RATES	0	0	0.0%	4,024	2,515	60.00%	0	0	0.0%	4,024	2,515	60.0%
EC/NOK CROSS RATES	0	0	0.0%	614	91	574.73%	0	0	0.0%	614	91	574.7%
EC/SEK CROSS RATES	0	0	0.0%	1,202	300	300.67%	0	0	0.0%	1,202	300	300.7%
EFX/BP CROSS RATES	0	0	0.0%	42,460	36,287	17.01%	0	0	0.0%	42,460	36,287	17.0%
EFX/JY CROSS RATES	0	0	0.0%	33,706	17,781	89.56%	0	0	0.0%	33,706	17,781	89.6%
EFX/SF CROSS RATES	0	0	0.0%	22,451	10,738	109.08%	0	0	0.0%	22,451	10,738	109.1%
E-MICRO USD/CAD	0	-	-	274	-		0	-	-	274	-	-
E-MICRO USD/CHF	0	-	-	14	-		0	-	-	14	-	-
E-MICRO USD/JPY	0	-	-	2,036	-		0	-	-	2,036	-	-
E-MINI EURO FX	0	0	0.0%	114,623	163,330	-29.82%	0	0	0.0%	114,623	163,330	-29.8%
E-MINI JAPANESE YEN	0	0	0.0%	5,408	10,809	-49.97%	0	0	0.0%	5,408	10,809	-50.0%
EURO FX	0	0	0.0%	3,389,049	3,368,705	0.60%	0	0	0.0%	3,389,049	3,368,705	0.6%
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%	23	5	360.00%	0	0	0.0%	23	5	360.0%
INDIAN RUPEE	0	0	0.0%	14,679	19,152	-23.36%	0	0	0.0%	14,679	19,152	-23.4%
JAPANESE YEN	0	0	0.0%	2,126,413	1,719,179	23.69%	0	0	0.0%	2,126,413	1,719,179	23.7%
KOREAN WON	0	0	0.0%	748	1,836	-59.26%	0	0	0.0%	748	1,836	-59.3%
MEXICAN PESO	0	0	0.0%	827,114	1,064,856	-22.33%	0	0	0.0%	827,114	1,064,856	-22.3%
MICRO AUD/USD	0	0	0.0%	239,696	298,958	-19.82%	0	0	0.0%	239,696	298,958	-19.8%
MICRO CAD/USD	0	0	0.0%	70,506	38,475	83.25%	0	0	0.0%	70,506	38,475	83.3%
MICRO CHF/USD	0	0	0.0%	10,645	7,407	43.72%	0	0	0.0%	10,645	7,407	43.7%
MICRO EUR/USD	0	0	0.0%	662,889	625,932	5.90%	0	0	0.0%	662,889	625,932	5.9%
MICRO GBP/USD	0	0	0.0%	86,229	73,218	17.77%	0	0	0.0%	86,229	73,218	17.8%
MICRO INR/USD	0	0	0.0%	957	2,275	-57.93%	0	0	0.0%	957	2,275	-57.9%
MICRO JPY/USD	0	0	0.0%	49,770	25,078	98.46%	0	0	0.0%	49,770	25,078	98.5%
MICRO USD/CNH	0	-	-	0	-		0	-	-	0	-	-
NEW ZEALND DOLLAR	0	0	0.0%	484,264	604,614	-19.91%	0	0	0.0%	484,264	604,614	-19.9%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2022	Open Outcry JAN 2021	% CHG	ELEC JAN 2022	ELEC JAN 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
FX Futures												
NKR/USD CROSS RATE	0	0	0.0%	2,907	2,644	9.95%	0	0	0.0%	2,907	2,644	9.9%
POLISH ZLOTY (EC)	0	0	0.0%	40	24	66.67%	0	0	0.0%	40	24	66.7%
POLISH ZLOTY (US)	0	0	0.0%	566	1,941	-70.84%	0	0	0.0%	566	1,941	-70.8%
RMB USD	0	0	0.0%	1	0	0.00%	0	0	0.0%	1	0	0.0%
RUSSIAN RUBLE	0	0	0.0%	249,700	69,652	258.50%	0	0	0.0%	249,700	69,652	258.5%
S.AFRICAN RAND	0	0	0.0%	72,505	49,079	47.73%	0	0	0.0%	72,505	49,079	47.7%
SF/JY CROSS RATES	0	0	0.0%	72	14	414.29%	0	0	0.0%	72	14	414.3%
SHEKEL	0	0	0.0%	12	1	1,100.00%	0	0	0.0%	12	1	1,100.0%
SKR/USD CROSS RATES	0	0	0.0%	4,476	2,610	71.49%	0	0	0.0%	4,476	2,610	71.5%
SWISS FRANC	0	0	0.0%	430,106	384,507	11.86%	0	0	0.0%	430,106	384,507	11.9%
TURKISH LIRA	0	0	0.0%	0	4	-100.00%	0	0	0.0%	0	4	-100.0%
USDZAR	0	-	-	5	-		0	-	-	5	-	-
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	686	266	157.89%	0	0	0.0%	686	266	157.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	114	1,166	-90.22%	0	0	0.0%	114	1,166	-90.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	268	225	19.11%	0	0	0.0%	268	225	19.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	779	0	0.00%	0	0	0.0%	779	0	0.0%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	62,986	51,969	21.20%	0	0	0.0%	62,986	51,969	21.2%
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%	1,865	1,598	16.71%	0	0	0.0%	1,865	1,598	16.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,790	3,249	-14.13%	0	0	0.0%	2,790	3,249	-14.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,740	5,183	-47.13%	0	0	0.0%	2,740	5,183	-47.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,174	-100.00%	0	0	0.0%	0	1,174	-100.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	267	1,416	-81.14%	0	0	0.0%	267	1,416	-81.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	728	1,625	-55.20%	0	0	0.0%	728	1,625	-55.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	154	1,218	-87.36%	0	0	0.0%	154	1,218	-87.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	841	1,502	-44.01%	0	0	0.0%	841	1,502	-44.0%
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%	992	13	7,530.77%	0	0	0.0%	992	13	7,530.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	49	848	-94.22%	0	0	0.0%	49	848	-94.2%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2022	Open Outcry JAN 2021	% CHG	ELEC JAN 2022	ELEC JAN 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
FX Options												
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,051	450	133.56%	0	0	0.0%	1,051	450	133.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,109	472	134.96%	0	0	0.0%	1,109	472	135.0%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,256	0	0.00%	0	0	0.0%	1,256	0	0.0%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	76,633	39,800	92.55%	0	0	0.0%	76,633	39,800	92.5%
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%	9,319	2,489	274.41%	0	0	0.0%	9,319	2,489	274.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,747	5,931	-3.10%	0	0	0.0%	5,747	5,931	-3.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,442	5,066	7.42%	0	0	0.0%	5,442	5,066	7.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	5,872	-100.00%	0	0	0.0%	0	5,872	-100.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	567	909	-37.62%	0	0	0.0%	567	909	-37.6%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,813	832	117.91%	0	0	0.0%	1,813	832	117.9%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,227	449	173.27%	0	0	0.0%	1,227	449	173.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,922	195	885.64%	0	0	0.0%	1,922	195	885.6%
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%	11,168	3,214	247.48%	0	0	0.0%	11,168	3,214	247.5%
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%	296	223	32.74%	0	0	0.0%	296	223	32.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	300	65	361.54%	0	0	0.0%	300	65	361.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	297	567	-47.62%	0	0	0.0%	297	567	-47.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	5	-100.00%	0	0	0.0%	0	5	-100.0%
EUR/GBP MONTHLY OPTIONS	0	-	-	4	-		0	-	-	4	-	-
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%	457	167	173.65%	0	0	0.0%	457	167	173.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,319	2,084	11.28%	0	0	0.0%	2,319	2,084	11.3%
EUR/USD MONDAY OPTION W	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%	827	4,023	-79.44%	0	0	0.0%	827	4,023	-79.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,856	0	0.00%	0	0	0.0%	2,856	0	0.0%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	195,597	192,372	1.68%	0	0	0.0%	195,597	192,372	1.7%
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%	23,358	2,890	708.24%	0	0	0.0%	23,358	2,890	708.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	16,867	17,048	-1.06%	0	0	0.0%	16,867	17,048	-1.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	16,656	16,204	2.79%	0	0	0.0%	16,656	16,204	2.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	16,187	-100.00%	0	0	0.0%	0	16,187	-100.0%

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CME Group Exchange Volume Comparison Report - Monthly

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FX Options												
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,803	4,623	25.52%	0	0	0.0%	5,803	4,623	25.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,466	6,970	-35.93%	0	0	0.0%	4,466	6,970	-35.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,778	8,464	-43.55%	0	0	0.0%	4,778	8,464	-43.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,953	11,661	-57.53%	0	0	0.0%	4,953	11,661	-57.5%
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%	189	0	0.00%	0	0	0.0%	189	0	0.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,104	204	441.18%	0	0	0.0%	1,104	204	441.2%
GBP/USD MONDAY OPTION W	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%	286	341	-16.13%	0	0	0.0%	286	341	-16.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	361	0	0.00%	0	0	0.0%	361	0	0.0%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	59,945	56,576	5.95%	0	0	0.0%	59,945	56,576	6.0%
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%	2,347	1,248	88.06%	0	0	0.0%	2,347	1,248	88.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,172	3,257	-2.61%	0	0	0.0%	3,172	3,257	-2.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,752	1,840	49.57%	0	0	0.0%	2,752	1,840	49.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	763	-100.00%	0	0	0.0%	0	763	-100.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,544	225	586.22%	0	0	0.0%	1,544	225	586.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	864	804	7.46%	0	0	0.0%	864	804	7.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,826	106	2,566.04%	0	0	0.0%	2,826	106	2,566.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,853	1,139	62.69%	0	0	0.0%	1,853	1,139	62.7%
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%	153	150	2.00%	0	0	0.0%	153	150	2.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,737	69	2,417.39%	0	0	0.0%	1,737	69	2,417.4%
JPY/USD MONDAY OPTION WE	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%	466	0	0.00%	0	0	0.0%	466	0	0.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	51	0	0.00%	0	0	0.0%	51	0	0.0%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	127,919	58,052	120.35%	0	0	0.0%	127,919	58,052	120.4%
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%	11,121	778	1,329.43%	0	0	0.0%	11,121	778	1,329.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	11,619	7,562	53.65%	0	0	0.0%	11,619	7,562	53.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,480	8,765	-3.25%	0	0	0.0%	8,480	8,765	-3.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	8,156	-100.00%	0	0	0.0%	0	8,156	-100.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,322	1,131	105.31%	0	0	0.0%	2,322	1,131	105.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,112	3,752	9.59%	0	0	0.0%	4,112	3,752	9.6%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2022	Open Outcry JAN 2021	% CHG	ELEC JAN 2022	ELEC JAN 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
FX Options												
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,149	2,159	-0.46%	0	0	0.0%	2,149	2,159	-0.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,416	3,307	-26.94%	0	0	0.0%	2,416	3,307	-26.9%
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%	1,766	1,831	-3.55%	0	0	0.0%	1,766	1,831	-3.5%
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%	40	117	-65.81%	0	0	0.0%	40	117	-65.8%
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	58	-100.00%	0	0	0.0%	0	58	-100.0%
Ags Futures												
FERTILIZER PRODUCS	0	0	0.0%	2	4	-50.00%	0	0	0.0%	2	4	-50.0%
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	238	1,042	-77.16%	0	0	0.0%	238	1,042	-77.2%
Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	334	508	-34.25%	0	0	0.0%	334	508	-34.3%
BUTTER CS	0	0	0.0%	6,801	6,195	9.78%	0	0	0.0%	6,801	6,195	9.8%
CASH-SETTLED CHEESE	0	0	0.0%	11,517	14,136	-18.53%	0	0	0.0%	11,517	14,136	-18.5%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

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Ag Products Futures												
CATTLE	0	0	0.0%	1,416,311	1,415,905	0.03%	0	0	0.0%	1,416,311	1,415,905	0.0%
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%	1,928,920	2,423,715	-20.41%	0	0	0.0%	1,928,920	2,423,715	-20.4%
CLASS IV MILK	0	0	0.0%	3,829	692	453.32%	0	0	0.0%	3,829	692	453.3%
COFFEE	0	0	0.0%	0	2	-100.00%	0	0	0.0%	0	2	-100.0%
CORN	0	0	0.0%	6,080,444	8,324,869	-26.96%	0	0	0.0%	6,080,444	8,324,869	-27.0%
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%	53,751	27,684	94.16%	0	0	0.0%	53,751	27,684	94.2%
DRY WHEY	0	0	0.0%	775	1,943	-60.11%	0	0	0.0%	775	1,943	-60.1%
FEEDER CATTLE	0	0	0.0%	240,412	233,141	3.12%	0	0	0.0%	240,412	233,141	3.1%
FERTILIZER PRODUCS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	3,437	14,870	-76.89%	0	0	0.0%	3,437	14,870	-76.9%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	75	-100.00%	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%	1,110,337	915,695	21.26%	0	0	0.0%	1,110,337	915,695	21.3%
HOUSING INDEX	0	0	0.0%	17	15	13.33%	0	0	0.0%	17	15	13.3%
Intercommodity Spread	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
KC WHEAT	0	0	0.0%	936,888	803,320	16.63%	0	0	0.0%	936,888	803,320	16.6%
LUMBER	0	0	0.0%	8,224	8,426	-2.40%	0	0	0.0%	8,224	8,426	-2.4%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	33,621	30,625	9.78%	0	0	0.0%	33,621	30,625	9.8%
MINI CORN	0	0	0.0%	48,267	71,990	-32.95%	0	0	0.0%	48,267	71,990	-33.0%
MINI SOYBEAN	0	0	0.0%	59,258	94,048	-36.99%	0	0	0.0%	59,258	94,048	-37.0%
MINI WHEAT	0	0	0.0%	22,258	22,187	0.32%	0	0	0.0%	22,258	22,187	0.3%
MLK MID OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	7,788	6,176	26.10%	0	0	0.0%	7,788	6,176	26.1%
OATS	0	0	0.0%	10,313	7,405	39.27%	0	0	0.0%	10,313	7,405	39.3%
PACIFIC RIM DAT SS WTHR	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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Ag Products Futures												
PORK CUTOUT	0	0	0.0%	2,435	3,403	-28.45%	0	0	0.0%	2,435	3,403	-28.4%
ROUGH RICE	0	0	0.0%	12,142	9,375	29.51%	0	0	0.0%	12,142	9,375	29.5%
SOYBEAN	0	0	0.0%	4,103,262	5,174,950	-20.71%	0	0	0.0%	4,103,262	5,174,950	-20.7%
SOYBEAN MEAL	0	0	0.0%	2,210,441	1,858,975	18.91%	0	0	0.0%	2,210,441	1,858,975	18.9%
SOYBEAN OIL	0	0	0.0%	2,231,135	2,601,847	-14.25%	0	0	0.0%	2,231,135	2,601,847	-14.2%
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%	2,837	3,624	-21.72%	0	0	0.0%	2,837	3,624	-21.7%
Ag Products Options												
AUG-NOV SOYBEAN CAL SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BLOCK CHEESE	0	0	0.0%	300	178	68.54%	0	0	0.0%	300	178	68.5%
BUTTER CS	0	0	0.0%	2,013	2,535	-20.59%	0	0	0.0%	2,013	2,535	-20.6%
CASH-SETTLED CHEESE	0	0	0.0%	11,742	11,601	1.22%	0	0	0.0%	11,742	11,601	1.2%
CATTLE	0	0	0.0%	173,757	217,840	-20.24%	0	0	0.0%	173,757	217,840	-20.2%
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%	641,852	569,727	12.66%	0	0	0.0%	641,852	569,727	12.7%
CLASS IV MILK	0	0	0.0%	7,361	3,253	126.28%	0	0	0.0%	7,361	3,253	126.3%
CORN	0	0	0.0%	2,079,415	3,811,388	-45.44%	0	0	0.0%	2,079,415	3,811,388	-45.4%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	35,960	6,661	439.86%	0	0	0.0%	35,960	6,661	439.9%
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%	0	0	0.00%	0	0	0.0%	0	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%	0	36	-100.00%	0	0	0.0%	0	36	-100.0%
FEEDER CATTLE	0	0	0.0%	27,984	21,508	30.11%	0	0	0.0%	27,984	21,508	30.1%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	221,790	149,912	47.95%	0	0	0.0%	221,790	149,912	47.9%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2022	Open Outcry JAN 2021	% CHG	ELEC JAN 2022	ELEC JAN 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
Ag Products Options												
HOUSING INDEX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
Intercommodity Spread	0	0	0.0%	0	265	-100.00%	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%	8,881	6,335	40.19%	0	0	0.0%	8,881	6,335	40.2%
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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%	5,792	100	5,692.00%	0	0	0.0%	5,792	100	5,692.0%
KC WHEAT	0	0	0.0%	109,446	57,383	90.73%	0	0	0.0%	109,446	57,383	90.7%
LUMBER	0	0	0.0%	755	521	44.91%	0	0	0.0%	755	521	44.9%
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%	6,125	0	0.00%	0	0	0.0%	6,125	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%	150	0	0.00%	0	0	0.0%	150	0	0.0%
MILK	0	0	0.0%	21,932	32,963	-33.46%	0	0	0.0%	21,932	32,963	-33.5%
MLK MID OPTIONS	0	0	0.0%	2	0	0.00%	0	0	0.0%	2	0	0.0%
NFD MILK	0	0	0.0%	4,650	4,345	7.02%	0	0	0.0%	4,650	4,345	7.0%
NOV-JULY SOYBEAN CAL SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	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%	196	159	23.27%	0	0	0.0%	196	159	23.3%
PORK CUTOUT	0	0	0.0%	0	153	-100.00%	0	0	0.0%	0	153	-100.0%
ROUGH RICE	0	0	0.0%	407	315	29.21%	0	0	0.0%	407	315	29.2%
SOYBEAN	0	0	0.0%	1,708,567	2,520,467	-32.21%	0	0	0.0%	1,708,567	2,520,467	-32.2%
SOYBEAN CRUSH	0	0	0.0%	21	180	-88.33%	0	0	0.0%	21	180	-88.3%
SOYBEAN MEAL	0	0	0.0%	277,996	285,489	-2.62%	0	0	0.0%	277,996	285,489	-2.6%
SOYBEAN OIL	0	0	0.0%	246,401	301,442	-18.26%	0	0	0.0%	246,401	301,442	-18.3%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	0	3,240	-100.00%	0	0	0.0%	0	3,240	-100.0%
SOYMEAL NEARBY+2 CAL SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
WHEAT	0	0	0.0%	310	1,001	-69.03%	0	0	0.0%	310	1,001	-69.0%
WHEAT-CORN IC SO	0	0	0.0%	20	63	-68.25%	0	0	0.0%	20	63	-68.3%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	101	1,136	-91.11%	0	0	0.0%	101	1,136	-91.1%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2022	Open Outcry JAN 2021	% CHG	ELEC JAN 2022	ELEC JAN 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
TOTAL FUTURES GROUP												
Interest Rate Futures	678,473	248,853	172.6%	158,215,676	114,740,570	37.9%	678,473	248,853	172.6%	158,215,676	114,740,570	37.9%
Equity Index Futures	0	0	0.0%	146,582,142	92,745,370	58.0%	0	0	0.0%	146,582,142	92,745,370	58.0%
Metals Futures	0	0	0.0%	10,120,743	12,094,824	-16.3%	0	0	0.0%	10,120,743	12,094,824	-16.3%
Energy Futures	0	0	0.0%	39,685,186	35,370,442	12.2%	0	0	0.0%	39,685,186	35,370,442	12.2%
FX Futures	0	0	0.0%	14,516,419	14,140,945	2.7%	0	0	0.0%	14,516,419	14,140,945	2.7%
Ags Futures	0	0	0.0%	2	4	-50.0%	0	0	0.0%	2	4	-50.0%
Ag Products Futures	0	0	0.0%	20,545,754	24,075,796	-14.7%	0	0	0.0%	20,545,754	24,075,796	-14.7%
TOTAL FUTURES	678,473	248,853	172.6%	389,665,922	293,167,951	32.9%	678,473	248,853	172.6%	389,665,922	293,167,951	32.9%
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	25,672,661	12,523,412	105.0%	0	0	0.0%	25,672,661	12,523,412	105.0%
Interest Rate Options	19,404,129	9,981,859	94.4%	31,883,698	23,906,522	33.4%	19,404,129	9,981,859	94.4%	31,883,698	23,906,522	33.4%
Metals Options	0	0	0.0%	944,827	1,094,422	-13.7%	0	0	0.0%	944,827	1,094,422	-13.7%
Energy Options	0	0	0.0%	3,154,658	2,660,591	18.6%	0	0	0.0%	3,154,658	2,660,591	18.6%
FX Options	0	0	0.0%	723,941	583,074	24.2%	0	0	0.0%	723,941	583,074	24.2%
Ag Products Options	0	0	0.0%	5,593,926	8,010,196	-30.2%	0	0	0.0%	5,593,926	8,010,196	-30.2%
Foreign Exchange Options	0	0	0.0%	238	1,042	-77.2%	0	0	0.0%	238	1,042	-77.2%
TOTAL OPTIONS	19,404,129	9,981,859	94.4%	67,973,949	48,779,259	39.4%	19,404,129	9,981,859	94.4%	67,973,949	48,779,259	39.4%
TOTAL COMBINED												
Interest Rate	20,082,602	10,230,712	96.3%	190,099,374	138,647,092	37.1%	20,082,602	10,230,712	96.3%	190,099,374	138,647,092	37.1%
Equity Index	0	0	0.0%	172,254,803	105,268,782	63.6%	0	0	0.0%	172,254,803	105,268,782	63.6%
Metals	0	0	0.0%	11,065,570	13,189,246	-16.1%	0	0	0.0%	11,065,570	13,189,246	-16.1%
Energy	0	0	0.0%	42,839,844	38,031,033	12.6%	0	0	0.0%	42,839,844	38,031,033	12.6%
FX	0	0	0.0%	15,240,360	14,724,019	3.5%	0	0	0.0%	15,240,360	14,724,019	3.5%
Ags	0	0	0.0%	2	4	-50.0%	0	0	0.0%	2	4	-50.0%
Foreign Exchange	0	0	0.0%	238	1,042	-77.2%	0	0	0.0%	238	1,042	-77.2%
Ag Products	0	0	0.0%	26,139,680	32,085,992	-18.5%	0	0	0.0%	26,139,680	32,085,992	-18.5%
GRAND TOTAL	20,082,602	10,230,712	96.3%	457,639,871	341,947,210	33.8%	20,082,602	10,230,712	96.3%	457,639,871	341,947,210	33.8%

*** 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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