

CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2021	Open Outcry AUG 2020	% CHG	ELEC AUG 2021	ELEC AUG 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
Interest Rate Futures												
10-YR NOTE	0	0	0.0%	43,373,970	35,958,723	20.62%	0	469,469	-100.0%	314,789,588	282,984,383	11.2%
10-YR SWAP RATE	0	0	0.0%	21,113	13,184	60.14%	0	0	0.0%	421,678	328,555	28.3%
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	281	-100.00%	0	0	0.0%	0	818	-100.0%
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%	12,153,177	11,889,310	2.22%	0	261	-100.0%	69,912,294	93,263,555	-25.0%
2-YR SWAP RATE	0	0	0.0%	129,770	1,815	7,049.86%	0	0	0.0%	663,602	77,350	757.9%
30-YR BOND	0	0	0.0%	10,284,604	9,854,016	4.37%	0	55,491	-100.0%	75,867,566	61,642,925	23.1%
30-YR SWAP RATE	0	0	0.0%	10	19	-47.37%	0	0	0.0%	10	822	-98.8%
3-YR NOTE	0	0	0.0%	207,846	124,677	66.71%	0	0	0.0%	1,404,533	187,248	650.1%
3-YR SWAP RATE	0	0	0.0%	2,218	1,840	20.54%	0	0	0.0%	18,459	21,663	-14.8%
4-YR SWAP RATE	0	0	0.0%	2,500	644	288.20%	0	0	0.0%	17,981	10,037	79.1%
5-YR NOTE	0	0	0.0%	27,834,017	24,454,270	13.82%	0	87,402	-100.0%	183,158,211	169,923,510	7.8%
5-YR SWAP RATE	0	0	0.0%	35,833	24,259	47.71%	0	0	0.0%	553,943	436,755	26.8%
7-YR SWAP RATE	0	0	0.0%	1,097	649	69.03%	0	0	0.0%	16,667	14,084	18.3%
EURODOLLARS	417,959	91,899	354.8%	40,044,762	28,429,547	40.86%	3,341,696	2,711,580	23.2%	385,387,637	376,109,129	2.5%
FED FUND	0	0	0.0%	1,268,321	2,041,995	-37.89%	0	0	0.0%	14,422,085	45,582,391	-68.4%
SOFR	0	0	0.0%	2,711,084	867,081	212.67%	0	0	0.0%	18,864,454	6,886,689	173.9%
SONIA	0	0	0.0%	37,166	211,585	-82.43%	0	0	0.0%	758,269	1,286,034	-41.0%
TIIE	0	-	-	364	-	-	0	-	-	447	-	-
Ultra 10-Year Note	0	0	0.0%	9,652,173	6,584,945	46.58%	0	0	0.0%	60,505,196	42,011,644	44.0%
ULTRA T-BOND	0	0	0.0%	6,340,693	6,041,009	4.96%	0	0	0.0%	37,697,977	33,421,826	12.8%

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Interest Rate Options												
10-YR NOTE	0	0	0.0%	13,394,374	8,070,761	65.96%	0	8,489,760	-100.0%	107,358,631	81,757,026	31.3%
2-YR NOTE	0	0	0.0%	17,299	30,310	-42.93%	0	273,359	-100.0%	109,127	1,693,621	-93.6%
30-YR BOND	0	0	0.0%	2,258,246	2,499,294	-9.64%	0	891,042	-100.0%	21,730,080	18,936,349	14.8%
5-YR NOTE	0	0	0.0%	2,367,094	1,344,242	76.09%	0	2,424,616	-100.0%	24,855,930	23,133,005	7.4%
EURODOLLARS	1,709,071	1,194,172	43.1%	892,729	2,661,354	-66.46%	20,302,391	49,323,768	-58.8%	10,448,504	98,749,424	-89.4%
EURO MIDCURVE	10,294,746	1,506,408	583.4%	4,466,659	2,620,287	70.46%	84,890,587	14,316,479	493.0%	42,093,139	41,854,716	0.6%
FED FUND	0	0	0.0%	0	0	0.00%	0	3,100	-100.0%	0	7,821	-100.0%
SOFR	0	0	0.0%	50	0	0.00%	7,000	10	69,900.0%	1,402	1,012	38.5%
Ultra 10-Year Note	0	0	0.0%	0	4	-100.00%	0	13,035	-100.0%	46	2,965	-98.4%
ULTRA T-BOND	0	0	0.0%	1,096	170	544.71%	0	10,870	-100.0%	5,170	2,651	95.0%
Equity Index Futures												
BITCOIN FUTURES	0	0	0.0%	437,399	208,485	109.80%	0	0	0.0%	3,444,460	1,379,030	149.8%
DJ US REAL ESTATE	0	0	0.0%	22,002	17,797	23.63%	0	0	0.0%	239,220	273,120	-12.4%
E-mini (\$5) Dow	0	0	0.0%	2,970,575	3,447,594	-13.84%	0	0	0.0%	28,428,753	42,358,438	-32.9%
E-MINI COM SERVICES SELEC	0	0	0.0%	1,147	1,276	-10.11%	0	0	0.0%	20,366	16,295	25.0%
E-mini FTSE 100 (USD)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
E-mini FTSE China 50	0	0	0.0%	211	0	0.00%	0	0	0.0%	347	2	17,250.0%
E-MINI MIDCAP	0	0	0.0%	190,673	238,139	-19.93%	0	0	0.0%	1,948,413	2,909,644	-33.0%
E-MINI NASDAQ 100	0	0	0.0%	10,421,341	9,516,478	9.51%	0	0	0.0%	89,223,370	96,464,139	-7.5%
E-MINI RUSSELL 1000	0	0	0.0%	2,673	1,135	135.51%	0	0	0.0%	31,141	26,924	15.7%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,169	1,056	10.70%	0	0	0.0%	20,788	22,612	-8.1%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	2,439	2,628	-7.19%	0	0	0.0%	60,329	42,390	42.3%
E-MINI RUSSELL 2000	0	0	0.0%	3,636,736	2,851,293	27.55%	0	0	0.0%	31,951,522	34,232,655	-6.7%
E-MINI S&P500	0	0	0.0%	24,895,767	26,654,619	-6.60%	0	0	0.0%	257,117,463	348,717,219	-26.3%
E-MINI S&P500 ESG	0	0	0.0%	5,667	3,465	63.55%	0	0	0.0%	97,600	50,849	91.9%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	1,502	1,810	-17.02%	0	0	0.0%	29,433	42,898	-31.4%
ETHER FUTURES	0	-	-	95,197	-		0	-	-	429,829	-	-
FT-SE 100	0	0	0.0%	0	0	0.00%	0	0	0.0%	191	0	0.0%
FTSE Emerging	0	0	0.0%	0	20	-100.00%	0	0	0.0%	5	4,500	-99.9%
IBOVESPA INDEX	0	0	0.0%	391	357	9.52%	0	0	0.0%	1,639	3,947	-58.5%

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Equity Index Futures												
MICRO E-MINI NASDAQ 100	0	0	0.0%	16,000,710	12,797,950	25.03%	0	0	0.0%	154,367,071	100,588,916	53.5%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	2,756,828	1,579,494	74.54%	0	0	0.0%	24,831,651	16,249,439	52.8%
MICRO E-MINI S&P500	0	0	0.0%	13,547,604	14,919,422	-9.19%	0	0	0.0%	141,543,317	144,287,643	-1.9%
MICRO MINI \$5 DOW	0	0	0.0%	2,170,745	1,445,056	50.22%	0	0	0.0%	20,670,204	21,935,729	-5.8%
NASDAQ-100 VOLATILITY	0	-	-	6	-		0	-	-	62	-	-
NASDAQ BIOTECH	0	0	0.0%	286	177	61.58%	0	0	0.0%	4,633	4,315	7.4%
Nearby BTIC+	0	0	0.0%	0	0	0.00%	0	0	0.0%	356	200	78.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	94,278	123,046	-23.38%	0	0	0.0%	967,252	1,689,313	-42.7%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	502,039	548,516	-8.47%	0	0	0.0%	4,978,689	8,283,206	-39.9%
S&P 500	0	0	0.0%	768	54	1,322.22%	0	33,712	-100.0%	12,519	19,077	-34.4%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	4,789	11,549	-58.53%	0	0	0.0%	114,080	194,425	-41.3%
S&P 500/GI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	0	26	-100.00%	0	0	0.0%	724	8,214	-91.2%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	4,598	2,782	65.28%	0	0	0.0%	74,646	49,758	50.0%
S&P CONSUMER STAPLES SE	0	0	0.0%	10,201	6,165	65.47%	0	0	0.0%	128,337	82,851	54.9%
S&P ENERGY SECTOR	0	0	0.0%	17,608	7,498	134.84%	0	0	0.0%	209,878	127,121	65.1%
S&P FINANCIAL SECTOR	0	0	0.0%	12,144	9,012	34.75%	0	0	0.0%	250,148	135,427	84.7%
S&P HEALTH CARE SECTOR	0	0	0.0%	8,465	6,181	36.95%	0	0	0.0%	108,155	95,332	13.5%
S&P INDUSTRIAL SECTOR	0	0	0.0%	5,958	4,611	29.21%	0	0	0.0%	81,997	63,254	29.6%
S&P MATERIALS SECTOR	0	0	0.0%	5,422	2,201	146.34%	0	0	0.0%	67,077	37,182	80.4%
S&P TECHNOLOGY SECTOR	0	0	0.0%	6,063	4,702	28.95%	0	0	0.0%	87,434	75,175	16.3%
S&P UTILITIES SECTOR	0	0	0.0%	14,122	9,447	49.49%	0	0	0.0%	115,523	107,583	7.4%
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	-	-	67	-		0	-	-	925	-	-
YEN DENOMINATED TOPIX	0	0	0.0%	3,873	6,075	-36.25%	0	0	0.0%	13,710	58,639	-76.6%

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Equity Index Options												
BITCOIN FUTURES	0	0	0.0%	831	1,609	-48.35%	0	0	0.0%	9,039	7,368	22.7%
E-mini (\$5) Dow	0	0	0.0%	1,141	2,522	-54.76%	0	0	0.0%	11,286	26,293	-57.1%
E-MINI NASDAQ 100	0	0	0.0%	614,763	341,907	79.80%	0	0	0.0%	4,383,348	2,624,759	67.0%
E-MINI RUSSELL 2000	0	0	0.0%	33,490	12,979	158.03%	0	0	0.0%	227,863	142,742	59.6%
E-MINI S&P500	0	0	0.0%	5,988,691	5,447,874	9.93%	0	250	-100.0%	45,744,056	61,106,541	-25.1%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	14,709	8,107	81.44%	0	0	0.0%	163,428	69,191	136.2%
EOM EMINI S&P	0	0	0.0%	1,283,880	1,179,891	8.81%	0	0	0.0%	14,088,841	16,441,837	-14.3%
EOM S&P 500	0	0	0.0%	2	0	0.00%	0	303,360	-100.0%	2,158	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	17,918	4,288	317.86%	0	0	0.0%	83,747	38,418	118.0%
EOW1 EMINI S&P 500	0	0	0.0%	1,102,798	921,358	19.69%	0	0	0.0%	7,631,470	8,215,395	-7.1%
EOW1 S&P 500	0	0	0.0%	0	0	0.00%	0	157,788	-100.0%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	15,540	3,683	321.94%	0	0	0.0%	102,700	31,707	223.9%
EOW2 EMINI S&P 500	0	0	0.0%	951,977	990,676	-3.91%	0	0	0.0%	8,275,872	8,719,717	-5.1%
EOW2 S&P 500	0	0	0.0%	0	0	0.00%	0	252,530	-100.0%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	41,762	8,981	365.00%	0	0	0.0%	245,176	149,178	64.4%
EOW3 EMINI S&P 500	0	0	0.0%	2,151,987	1,914,440	12.41%	0	0	0.0%	16,737,070	19,863,625	-15.7%
EOW3 S&P 500	0	0	0.0%	0	0	0.00%	0	266,271	-100.0%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	22,221	4,386	406.63%	0	0	0.0%	114,785	27,706	314.3%
EOW4 EMINI S&P 500	0	0	0.0%	1,070,484	826,856	29.46%	0	0	0.0%	6,158,621	6,847,944	-10.1%
MICRO E-MINI NASDAQ 100	0	0	0.0%	35,642	127	27,964.57%	0	0	0.0%	249,624	127	196,454.3%
MICRO E-MINI S&P500	0	0	0.0%	145,485	1,688	8,518.78%	0	0	0.0%	1,123,218	1,688	66,441.4%
S&P 500	0	0	0.0%	0	0	0.00%	0	677,812	-100.0%	200	7,113	-97.2%

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Metals Futures												
ALUMINUM	0	0	0.0%	22,825	8,048	183.61%	0	0	0.0%	89,909	33,893	165.3%
COBALT METAL FUTURES	0	-	-	0	-		0	-	-	12	-	-
COMEX COPPER	0	0	0.0%	2,077,481	2,304,544	-9.85%	0	0	0.0%	18,081,566	16,607,830	8.9%
COMEX E-Mini GOLD	0	0	0.0%	18,653	46,035	-59.48%	0	0	0.0%	179,414	277,738	-35.4%
COMEX E-Mini SILVER	0	0	0.0%	3,528	35,581	-90.08%	0	0	0.0%	52,229	76,535	-31.8%
COMEX GOLD	0	0	0.0%	3,835,414	7,644,956	-49.83%	0	0	0.0%	40,363,812	55,296,905	-27.0%
COMEX MINY COPPER	0	0	0.0%	5,514	1,112	395.86%	0	0	0.0%	34,020	4,892	595.4%
COMEX SILVER	0	0	0.0%	1,664,002	4,590,466	-63.75%	0	0	0.0%	14,201,509	18,099,510	-21.5%
COPPER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	327	490	-33.27%	0	0	0.0%	6,214	9,103	-31.7%
GOLD	0	0	0.0%	9,648	8,362	15.38%	0	0	0.0%	42,957	59,506	-27.8%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	116	0	0.00%	0	0	0.0%	1,207	0	0.0%
IRON ORE 62 CHINA PLATTS F	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI FUTU	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	209	-100.0%
IRON ORE CHINA	0	0	0.0%	2	0	0.00%	0	0	0.0%	16	0	0.0%
LNDN ZINC	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
METALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MICRO GOLD	0	0	0.0%	1,040,838	4,081,164	-74.50%	0	0	0.0%	9,913,227	14,098,804	-29.7%
NYMEX HOT ROLLED STEEL	0	0	0.0%	2,377	2,985	-20.37%	0	0	0.0%	33,576	38,538	-12.9%
NYMEX PLATINUM	0	0	0.0%	295,245	292,578	0.91%	0	0	0.0%	2,769,429	2,977,179	-7.0%
PALLADIUM	0	0	0.0%	68,955	48,921	40.95%	0	0	0.0%	372,362	503,382	-26.0%
SILVER	0	0	0.0%	152,257	705,894	-78.43%	0	0	0.0%	1,739,956	1,309,409	32.9%
URANIUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	465	54	761.1%

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	Open Outcry AUG 2021	Open Outcry AUG 2020	% CHG	ELEC AUG 2021	ELEC AUG 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% 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%	38,449	9,947	286.54%	0	0	0.0%	330,676	219,026	51.0%
COMEX GOLD	0	0	0.0%	510,716	866,871	-41.09%	0	0	0.0%	4,682,737	7,583,429	-38.3%
COMEX SILVER	0	0	0.0%	91,720	228,164	-59.80%	0	0	0.0%	1,163,477	1,486,638	-21.7%
COPPER	0	0	0.0%	43	10	330.00%	0	0	0.0%	167	2,673	-93.8%
GOLD	0	0	0.0%	147,516	148,083	-0.38%	0	0	0.0%	1,272,883	1,156,344	10.1%
HOT ROLLED COIL STEEL CAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOT ROLLED COIL STEEL PUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI CALL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI PUT O	0	0	0.0%	0	0	0.00%	0	0	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%	270	245	10.20%	0	0	0.0%	4,028	3,957	1.8%
PALLADIUM	0	0	0.0%	12	34	-64.71%	0	0	0.0%	666	1,395	-52.3%
SILVER	0	0	0.0%	14,771	10,528	40.30%	0	0	0.0%	79,612	77,222	3.1%
Energy Futures												
3.5% FUEL OIL CID MED SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
3.5% FUEL OIL CIF BALMO S	-	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%
ANR OKLAHOMA	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT FINANCIAL FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	1,888,623	1,253,571	50.66%	0	0	0.0%	16,104,668	19,078,630	-15.6%
CAR VINTAGE	0	-	-	8,379	-		0	-	-	8,719	-	-
CENTERPOINT BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Futures												
CHICAGO ETHANOL SWAP	0	0	0.0%	1,416	1	141,500.00%	0	0	0.0%	2,196	178	1,133.7%
CHICAGO ULSD PL VS HO SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CIG BASIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CINERGY HUB OFF-PEAK MON	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CINERGY HUB PEAK MONTH	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW D AH PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW REAL TIME O P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW REAL TIME PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COAL SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
COLUMB GULF MAINLINE NG B	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY NORMAL BUTANE (O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY PROPANE 5 DECIMA	0	0	0.0%	0	0	0.00%	0	0	0.0%	24	60	-60.0%
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%	20,048,190	15,318,147	30.88%	0	0	0.0%	163,482,284	202,449,630	-19.2%
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	0	0.00%	0	0	0.0%	0	0	0.0%
DATED TO FRONTLINE BRENT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DIESEL 10P BRG FOB RDM VS	0	-	-	0	-		0	-	-	0	-	-
DOMINION TRAN INC - APP I	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DUTCH TTF NATURAL GAS CA	0	0	0.0%	26,137	11,629	124.76%	0	0	0.0%	359,309	235,604	52.5%
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%	1	6	-83.3%
ELEC FINSETTLED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ELEC MISO PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ELEC NYISO OFF-PEAK	-	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												
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	170	-100.00%	0	0	0.0%	262	12,093	-97.8%
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 1% FUEL OIL NEW BALM	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	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	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN GASOIL (ICE)	0	0	0.0%	14	0	0.00%	0	0	0.0%	356	286	24.5%
EUROPEAN NAPHTHA BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN NAPHTHA CRACK S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE DATED BRENT SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALS	0	0	0.0%	0	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	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CN	-	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 CIF NWE VS ISE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 ROTTERDAM BAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 10PPM VS ICE SWAP	0	0	0.0%	0	0	0.00%	0	0	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%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Futures												
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%	36	0	0.00%	0	0	0.0%	84	8,776	-99.0%
GROUP THREE ULSD (PLATTS)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GROUP THREE UNLEAD GAS (0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GRP THREE UNL GS (PLT) VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST 3% FUEL OIL BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST JET FUEL CLNDR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST NO.6 FUEL OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CALEND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL CRCK SPRD BAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	0	0.0%	3,393,461	2,801,999	21.11%	0	0	0.0%	23,330,206	28,749,921	-18.9%
HENRY HUB BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HENRY HUB INDEX SWAP FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HENRY HUB SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	31	670	-95.4%
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 AV FUEL (P) CAR FM ICE G	-	0	0.0%	-	0	0.00%	-	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 CRG CIF NEW VS I	-	0	0.0%	-	0	0.00%	-	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%

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Energy Futures												
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	0	0.00%	0	0	0.0%	0	0	0.0%
LTD NAT GAS	0	0	0.0%	237,723	195,776	21.43%	0	0	0.0%	1,740,680	1,302,845	33.6%
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	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	1,449	415	249.16%	0	0	0.0%	18,124	6,341	185.8%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	84	0	0.00%	0	0	0.0%	165	15	1,000.0%
MGF FUT	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	0.0%	0	0	0.0%
MICHIGAN MISO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MINI GAS EUROBOB OXY NWE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOBARG NWE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOB(ARGUS) N	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MINY HTG OIL	0	0	0.0%	8	6	33.33%	0	0	0.0%	52	37	40.5%
MINY NATURAL GAS	0	0	0.0%	126,257	156,359	-19.25%	0	0	0.0%	887,760	869,838	2.1%
MINY RBOB GAS	0	0	0.0%	9	4	125.00%	0	0	0.0%	72	54	33.3%
MINY WTI CRUDE OIL	0	0	0.0%	494,506	178,415	177.17%	0	0	0.0%	3,393,222	5,696,038	-40.4%
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%	105	0	0.00%	0	0	0.0%	325	0	0.0%
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%	125	3	4,066.67%	0	0	0.0%	297	152	95.4%
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%	10	0	0.00%	0	0	0.0%	10	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NAT GAS BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NATURAL GAS	0	0	0.0%	51,496	47,244	9.00%	0	0	0.0%	366,105	370,381	-1.2%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2021	Open Outcry AUG 2020	% CHG	ELEC AUG 2021	ELEC AUG 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
Energy Futures												
NATURAL GAS PEN SWP	0	0	0.0%	4	0	0.00%	0	0	0.0%	110	0	0.0%
NATURAL GAS PHY	0	0	0.0%	8,117,751	9,403,880	-13.68%	0	0	0.0%	61,739,423	82,617,090	-25.3%
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	0	0.00%	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW ENGLAND HUB PEAK DAI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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	0	0.00%	0	0	0.0%	0	0	0.0%
NGPL TEX/OK	0	0	0.0%	0	0	0.00%	0	0	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	0	0.00%	0	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS DEM	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NORTHEN NATURAL GAS VEN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NORTHWEST ROCKIES BASIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	-	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 3.0% FUEL OIL (PLATTS	-	0	0.0%	-	0	0.00%	-	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%	3	0	0.00%	0	0	0.0%	24	26	-7.7%
NY HARBOR LOW SULPUR GA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH PK	-	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	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX ALUMINUM FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	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 AUG 2021	Open Outcry AUG 2020	% CHG	ELEC AUG 2021	ELEC AUG 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
Energy Futures												
NY ULSD (ARGUS) VS HEATIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ONEOK OKLAHOMA NG BASIS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ONTARIO POWER SWAPS	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	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 BGE DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM BGE DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM COMED 5MW D AH O PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM COMED 5MW D AH PK	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	0.0%	0	0	0.0%
PJM DAYTON DA PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM MONTHLY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM NILL DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM NILL DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM OFF-PEAK LMP SWAP FU	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM PECO ZONE5MW PEAK C	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM PSEG DA OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM PSEG DA PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTHDA PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTH RT OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PLASTICS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2021	Open Outcry AUG 2020	% CHG	ELEC AUG 2021	ELEC AUG 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
Energy Futures												
PREMIUM UNLD 10P FOB MED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PREMIUM UNLEAD 10PPM FOB	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PREM UNL GAS 10PPM RDAM	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PREM UNL GAS 10PPM RDAM	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PROPANE NON-LDH MB (OPIS)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MT. BEL (0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CRACK SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CRACK SPREAD BALMO	-	0	0.0%	-	0	0.00%	-	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%	4,624,196	3,469,634	33.28%	0	0	0.0%	30,906,700	31,274,433	-1.2%
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	0	0.00%	0	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SINGAPORE 180CST BALMO	0	0	0.0%	0	0	0.00%	0	0	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	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALEND	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	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO GASOI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET KEROSENE S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SING FUEL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
Sumas Basis Swap	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TC5 RAS TANURA TO YOKOHA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TCO BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2021	Open Outcry AUG 2020	% CHG	ELEC AUG 2021	ELEC AUG 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
Energy Futures												
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	0	0.00%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 BASIS SWA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
UCM FUT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
UK NBP NAT GAS CAL MTH FU	0	0	0.0%	0	60	-100.00%	0	0	0.0%	2,535	1,944	30.4%
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	0	0.00%	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	0	0	0.00%	0	0	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%	3,356	3,207	4.65%	0	0	0.0%	26,539	119,537	-77.8%
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%	0	4,900	-100.00%	0	0	0.0%	42,180	61,271	-31.2%
CRUDE OIL APO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	3	-100.0%
CRUDE OIL CALNDR STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CRUDE OIL PHY	0	0	0.0%	2,075,182	1,066,928	94.50%	0	0	0.0%	15,223,485	17,812,227	-14.5%
ELEC FINSETTLED	0	-	-	0	-		0	-	-	0	-	-
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HEATING OIL CRK SPD AVG P	0	-	-	0	-		0	-	-	0	-	-
HEATING OIL PHY	0	0	0.0%	2,919	1,903	53.39%	0	0	0.0%	15,542	26,883	-42.2%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Options												
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0.00%	0	0	0.0%	40	20	100.0%
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	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	2,400	0	0.00%	0	0	0.0%	6,650	2,501	165.9%
NATURAL GAS 2 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	0	0	0.0%	0	1,526	-100.00%	0	0	0.0%	200	3,176	-93.7%
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%	1,849,165	1,143,555	61.70%	0	0	0.0%	10,224,436	10,820,900	-5.5%
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	0	0.00%	0	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	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%	29	6	383.33%	0	0	0.0%	589	659	-10.6%
PETROCHEMICALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	60	11	445.5%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	-	0	0.0%	-	0	0.00%	-	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	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RBOB PHY	0	0	0.0%	2,009	2,546	-21.09%	0	0	0.0%	18,182	20,968	-13.3%
SAN JUAN PIPE SWAP	0	0	0.0%	0	0	0.00%	0	0	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%	0	330	-100.00%	0	0	0.0%	7,100	13,092	-45.8%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	50	1,200	-95.83%	0	0	0.0%	950	1,200	-20.8%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2021	Open Outcry AUG 2020	% CHG	ELEC AUG 2021	ELEC AUG 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	2	0	0.00%	0	0	0.0%	148	77	92.2%
AD/JY CROSS RATES	0	0	0.0%	1,925	1,389	38.59%	0	0	0.0%	17,023	21,828	-22.0%
AD/NE CROSS RATES	0	0	0.0%	717	252	184.52%	0	0	0.0%	2,003	2,393	-16.3%
AUSTRALIAN DOLLAR	0	0	0.0%	1,645,519	1,715,732	-4.09%	0	0	0.0%	16,311,741	17,210,868	-5.2%
BP/JY CROSS RATES	0	0	0.0%	2,076	2,056	0.97%	0	0	0.0%	19,223	26,545	-27.6%
BP/SF CROSS RATES	0	0	0.0%	1,003	137	632.12%	0	0	0.0%	5,242	3,533	48.4%
BRAZIL REAL	0	0	0.0%	277,599	182,783	51.87%	0	0	0.0%	1,928,430	1,533,620	25.7%
BRITISH POUND	0	0	0.0%	1,588,222	1,963,640	-19.12%	0	0	0.0%	15,395,349	17,296,187	-11.0%
CANADIAN DOLLAR	0	0	0.0%	1,501,279	1,276,888	17.57%	0	0	0.0%	13,056,643	12,738,576	2.5%
CD/JY CROSS RATES	0	0	0.0%	253	8	3,062.50%	0	0	0.0%	1,364	368	270.7%
CHINESE RENMINBI (CNH)	0	0	0.0%	15,564	21,380	-27.20%	0	0	0.0%	129,995	146,440	-11.2%
CZECK KORUNA (EC)	0	0	0.0%	0	3	-100.00%	0	0	0.0%	2	24	-91.7%
CZECK KORUNA (US)	0	-	-	0	-		0	-	-	5	-	-
EC/AD CROSS RATES	0	0	0.0%	1,873	2,837	-33.98%	0	0	0.0%	33,653	47,957	-29.8%
EC/CD CROSS RATES	0	0	0.0%	2,639	2,167	21.78%	0	0	0.0%	49,305	34,300	43.7%
EC/NOK CROSS RATES	0	0	0.0%	161	5	3,120.00%	0	0	0.0%	4,131	1,402	194.7%
EC/SEK CROSS RATES	0	0	0.0%	101	69	46.38%	0	0	0.0%	4,374	4,590	-4.7%
EFX/BP CROSS RATES	0	0	0.0%	29,186	25,552	14.22%	0	0	0.0%	401,750	527,805	-23.9%
EFX/JY CROSS RATES	0	0	0.0%	15,351	17,877	-14.13%	0	0	0.0%	276,827	472,191	-41.4%
EFX/SF CROSS RATES	0	0	0.0%	15,200	15,161	0.26%	0	0	0.0%	161,883	306,034	-47.1%
E-MICRO USD/CAD	0	-	-	100	-		0	-	-	252	-	-
E-MICRO USD/CHF	0	-	-	17	-		0	-	-	29	-	-
E-MICRO USD/JPY	0	-	-	9	-		0	-	-	9	-	-
E-MINI EURO FX	0	0	0.0%	76,370	164,580	-53.60%	0	0	0.0%	992,307	1,228,256	-19.2%
E-MINI JAPANESE YEN	0	0	0.0%	9,115	12,649	-27.94%	0	0	0.0%	71,929	193,112	-62.8%
EURO FX	0	0	0.0%	2,900,806	4,289,722	-32.38%	0	36	-100.0%	31,252,269	36,390,889	-14.1%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	9	-100.0%
HUNGARIAN FORINT (US)	0	0	0.0%	11	6	83.33%	0	0	0.0%	137	73	87.7%
INDIAN RUPEE	0	0	0.0%	10,049	22,705	-55.74%	0	0	0.0%	107,880	215,121	-49.9%
JAPANESE YEN	0	0	0.0%	1,958,118	1,848,795	5.91%	0	0	0.0%	17,062,871	20,396,282	-16.3%
KOREAN WON	0	0	0.0%	383	243	57.61%	0	0	0.0%	10,951	4,395	149.2%
MEXICAN PESO	0	0	0.0%	969,802	791,175	22.58%	0	0	0.0%	8,655,033	9,227,432	-6.2%
MICRO AUD/USD	0	0	0.0%	166,180	228,441	-27.25%	0	0	0.0%	1,685,694	1,985,603	-15.1%
MICRO CAD/USD	0	0	0.0%	60,041	46,958	27.86%	0	0	0.0%	437,065	224,756	94.5%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2021	Open Outcry AUG 2020	% CHG	ELEC AUG 2021	ELEC AUG 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
FX Futures												
MICRO CHF/USD	0	0	0.0%	7,044	4,136	70.31%	0	0	0.0%	69,867	28,027	149.3%
MICRO EUR/USD	0	0	0.0%	378,855	652,308	-41.92%	0	0	0.0%	3,916,474	3,758,632	4.2%
MICRO GBP/USD	0	0	0.0%	64,643	65,536	-1.36%	0	0	0.0%	577,692	461,761	25.1%
MICRO INR/USD	0	0	0.0%	1,130	1,602	-29.46%	0	0	0.0%	14,781	18,353	-19.5%
MICRO JPY/USD	0	0	0.0%	31,784	27,335	16.28%	0	0	0.0%	260,496	244,636	6.5%
MICRO USD/CNH	0	-	-	0	-		0	-	-	36	-	-
NEW ZEALND DOLLAR	0	0	0.0%	613,492	588,574	4.23%	0	0	0.0%	4,776,152	5,072,175	-5.8%
NKR/USD CROSS RATE	0	0	0.0%	3,325	1,681	97.80%	0	0	0.0%	36,621	37,658	-2.8%
POLISH ZLOTY (EC)	0	0	0.0%	32	12	166.67%	0	0	0.0%	968	459	110.9%
POLISH ZLOTY (US)	0	0	0.0%	363	757	-52.05%	0	0	0.0%	6,584	5,957	10.5%
RMB USD	0	0	0.0%	1	0	0.00%	0	0	0.0%	3	4	-25.0%
RUSSIAN RUBLE	0	0	0.0%	102,943	79,136	30.08%	0	0	0.0%	786,342	901,231	-12.7%
S.AFRICAN RAND	0	0	0.0%	65,412	66,628	-1.83%	0	0	0.0%	427,478	619,551	-31.0%
SF/JY CROSS RATES	0	0	0.0%	38	5	660.00%	0	0	0.0%	215	228	-5.7%
SHEKEL	0	0	0.0%	1	1	0.00%	0	0	0.0%	16	94	-83.0%
SKR/USD CROSS RATES	0	0	0.0%	5,852	2,024	189.13%	0	0	0.0%	36,602	29,458	24.3%
SWISS FRANC	0	0	0.0%	437,440	510,044	-14.23%	0	0	0.0%	3,820,337	4,770,375	-19.9%
TURKISH LIRA	0	0	0.0%	0	34	-100.00%	0	0	0.0%	8	52	-84.6%
USDZAR	0	0	0.0%	4	0	0.00%	0	0	0.0%	64	0	0.0%

FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	4	0	0.00%	0	0	0.0%	2,429	2,776	-12.5%
AUD/USD MONDAY OPTION W	0	0	0.0%	300	234	28.21%	0	0	0.0%	2,929	1,492	96.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	249	339	-26.55%	0	0	0.0%	2,934	2,290	28.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	586	191	206.81%	0	0	0.0%	3,598	1,166	208.6%
AUD/USD MONDAY OPTION W	0	0	0.0%	1,347	13	10,261.54%	0	0	0.0%	1,370	722	89.8%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	58,043	39,100	48.45%	0	0	0.0%	381,391	621,645	-38.6%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	234	0	0.00%	0	0	0.0%	4,231	3,153	34.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,456	2,550	-3.69%	0	0	0.0%	13,115	37,062	-64.6%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,072	2,432	-14.80%	0	0	0.0%	20,161	31,857	-36.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,965	2,413	-18.57%	0	0	0.0%	22,728	33,874	-32.9%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	4,857	12,603	-61.5%

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CME Group Exchange Volume Comparison Report - Monthly

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FX Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	360	867	-58.48%	0	0	0.0%	8,586	10,531	-18.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	668	507	31.76%	0	0	0.0%	6,060	12,042	-49.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	59	121	-51.24%	0	0	0.0%	2,736	7,209	-62.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	195	806	-75.81%	0	0	0.0%	7,525	11,474	-34.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,408	4,219	-66.6%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	332	0	0.00%	0	0	0.0%	2,590	663	290.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	5,961	2,359	152.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,118	735	52.11%	0	0	0.0%	10,542	1,364	672.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	858	857	0.12%	0	0	0.0%	3,896	4,728	-17.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	3,990	672	493.75%	0	0	0.0%	14,203	4,513	214.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	2,535	2,224	13.98%	0	0	0.0%	3,147	3,085	2.0%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	91,710	29,123	214.91%	0	430	-100.0%	518,193	409,329	26.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	32	0	0.00%	0	0	0.0%	15,009	6,030	148.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,549	8,013	-18.27%	0	0	0.0%	37,122	57,656	-35.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	8,364	6,557	27.56%	0	0	0.0%	55,470	51,498	7.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	12,498	5,177	141.41%	0	0	0.0%	60,886	56,558	7.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	15,578	25,272	-38.4%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	3,540	2,263	56.43%	0	0	0.0%	12,867	20,054	-35.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	3,511	1,814	93.55%	0	0	0.0%	15,571	14,855	4.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,463	1,214	20.51%	0	0	0.0%	12,279	15,956	-23.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,179	2,139	-44.88%	0	0	0.0%	12,542	20,347	-38.4%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,241	7,730	-58.1%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	4,835	2,771	74.49%	0	0	0.0%	37,633	26,228	43.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	83	0	0.00%	0	0	0.0%	301	37	713.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	418	206	102.91%	0	0	0.0%	2,193	1,502	46.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	130	156	-16.67%	0	0	0.0%	1,543	1,004	53.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	36	105	-65.71%	0	0	0.0%	2,330	877	165.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	238	906	-73.7%
EUR/GBP MONTHLY OPTIONS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EUR/GBP WKLY FRIDAY OPTIC	0	-	-	0	-		0	-	-	0	-	-
EUR/USD MONDAY OPTION W	0	0	0.0%	86	30	186.67%	0	0	0.0%	15,135	11,209	35.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,385	1,027	34.86%	0	0	0.0%	13,014	7,324	77.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	3,518	3,141	12.00%	0	0	0.0%	11,718	17,331	-32.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	882	2,916	-69.75%	0	0	0.0%	18,819	16,579	13.5%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2021	Open Outcry AUG 2020	% CHG	ELEC AUG 2021	ELEC AUG 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
FX Options												
EUR/USD MONDAY OPTION W	0	0	0.0%	4,358	1,672	160.65%	0	0	0.0%	5,945	7,186	-17.3%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	164,035	199,455	-17.76%	0	1,550	-100.0%	1,596,948	2,371,534	-32.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	153	2	7,550.00%	0	0	0.0%	30,487	11,075	175.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	15,396	15,630	-1.50%	0	62	-100.0%	106,754	166,103	-35.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	18,459	19,023	-2.96%	0	0	0.0%	157,413	173,886	-9.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	16,613	17,839	-6.87%	0	0	0.0%	142,210	180,770	-21.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	58,205	59,845	-2.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,390	9,033	-29.26%	0	0	0.0%	53,000	77,623	-31.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,060	10,349	-41.44%	0	0	0.0%	58,951	68,278	-13.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,006	5,362	30.66%	0	0	0.0%	56,826	67,195	-15.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	8,103	7,707	5.14%	0	0	0.0%	71,764	61,429	16.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	12,636	23,314	-45.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,127	3,671	-14.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	587	83	607.23%	0	0	0.0%	4,969	2,646	87.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	180	0	0.00%	0	0	0.0%	1,887	4,333	-56.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,483	0	0.00%	0	0	0.0%	4,258	5,595	-23.9%
GBP/USD MONDAY OPTION W	0	0	0.0%	254	273	-6.96%	0	0	0.0%	654	1,435	-54.4%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	57,377	62,326	-7.94%	0	64	-100.0%	580,486	665,669	-12.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	70	470	-85.11%	0	0	0.0%	8,176	3,737	118.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,759	5,330	-29.47%	0	0	0.0%	20,405	31,379	-35.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,979	5,225	-62.12%	0	0	0.0%	22,804	28,961	-21.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,459	2,429	-39.93%	0	0	0.0%	26,981	27,693	-2.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	7,912	11,786	-32.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	651	904	-27.99%	0	0	0.0%	9,388	13,573	-30.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	108	253	-57.31%	0	0	0.0%	5,270	7,382	-28.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	809	500	61.80%	0	0	0.0%	5,597	12,249	-54.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	522	466	12.02%	0	0	0.0%	8,036	10,542	-23.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,901	5,534	-65.6%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,096	5,959	-48.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,376	1,944	-29.22%	0	0	0.0%	4,290	10,123	-57.6%
JPY/USD MONDAY OPTION WE	0	0	0.0%	879	1,558	-43.58%	0	0	0.0%	3,481	6,362	-45.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	369	764	-51.70%	0	0	0.0%	1,662	3,113	-46.6%
JPY/USD MONDAY OPTION WE	0	0	0.0%	2,384	1,290	84.81%	0	0	0.0%	2,697	2,653	1.7%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	72,861	74,488	-2.18%	0	727	-100.0%	623,492	1,027,717	-39.3%

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CME Group Exchange Volume Comparison Report - Monthly

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FX Options												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	10	0	0.00%	0	0	0.0%	20,927	5,689	267.9%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,257	9,382	-11.99%	0	0	0.0%	44,103	96,884	-54.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,399	8,370	-11.60%	0	0	0.0%	74,659	103,101	-27.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	12,454	6,459	92.82%	0	0	0.0%	70,284	95,267	-26.2%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	25,004	36,879	-32.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,709	3,020	-10.30%	0	0	0.0%	20,009	43,935	-54.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,186	3,774	-15.58%	0	0	0.0%	27,042	35,117	-23.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,002	4,001	-24.97%	0	0	0.0%	25,363	40,373	-37.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,336	3,625	-7.97%	0	0	0.0%	22,875	43,754	-47.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	5,541	8,991	-38.4%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	923	941	-1.91%	0	1,840	-100.0%	7,881	11,242	-29.9%
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	1,384	-100.00%	0	0	0.0%	604	1,609	-62.5%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	895	-100.00%	0	0	0.0%	552	1,898	-70.9%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	417	-100.00%	0	0	0.0%	331	1,600	-79.3%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	152	-100.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	42	84	-50.00%	0	0	0.0%	1,329	4,635	-71.3%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	50	-100.0%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	12	0	0.00%	0	0	0.0%	12	0	0.0%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	375	-100.0%
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RUB/USD MONTHLY OPTIONS	0	-	-	0	-		0	-	-	68	-	-

Ags Futures

FERTILIZER PRODUCS	0	0	0.0%	0	0	0.00%	0	0	0.0%	4	90	-95.6%
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Foreign Exchange Futures

CHILEAN PESO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2021	Open Outcry AUG 2020	% CHG	ELEC AUG 2021	ELEC AUG 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	277	269	2.97%	0	0	0.0%	4,311	6,424	-32.9%
Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	741	207	257.97%	0	0	0.0%	5,544	2,060	169.1%
BUTTER CS	0	0	0.0%	3,337	5,078	-34.29%	0	0	0.0%	31,750	46,927	-32.3%
CASH-SETTLED CHEESE	0	0	0.0%	11,100	13,114	-15.36%	0	0	0.0%	92,966	106,321	-12.6%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,111,485	1,118,865	-0.66%	0	2,592	-100.0%	9,431,931	11,431,003	-17.5%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	50	-100.0%
CHI WHEAT	0	0	0.0%	3,123,501	3,278,678	-4.73%	0	12,092	-100.0%	21,821,053	22,951,191	-4.9%
CLASS IV MILK	0	0	0.0%	1,688	1,633	3.37%	0	65	-100.0%	7,321	19,777	-63.0%
COCOA TAS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
COFFEE	0	0	0.0%	0	2	-100.00%	0	0	0.0%	2	2	0.0%
CORN	0	0	0.0%	7,140,904	8,755,165	-18.44%	0	18,145	-100.0%	62,084,464	59,386,965	4.5%
COTTON	0	0	0.0%	0	3	-100.00%	0	0	0.0%	0	26	-100.0%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	22	0	0.0%
DOW-UBS COMMOD INDEX	0	0	0.0%	31,813	7,676	314.45%	0	0	0.0%	400,110	219,096	82.6%
DRY WHEY	0	0	0.0%	933	1,451	-35.70%	0	0	0.0%	17,011	11,657	45.9%
FEEDER CATTLE	0	0	0.0%	314,462	268,779	17.00%	0	54	-100.0%	1,999,036	2,203,304	-9.3%
FERTILIZER PRODUCS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	4,116	12,494	-67.06%	0	0	0.0%	76,995	125,152	-38.5%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	101	44	129.5%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	25	-100.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	785,763	749,748	4.80%	0	1,940	-100.0%	7,832,852	8,735,658	-10.3%
HOUSING INDEX	0	0	0.0%	20	18	11.11%	0	0	0.0%	96	243	-60.5%
Intercommodity Spread	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 AUG 2021	Open Outcry AUG 2020	% CHG	ELEC AUG 2021	ELEC AUG 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
Ag Products Futures												
KC WHEAT	0	0	0.0%	1,325,128	1,524,377	-13.07%	0	1,534	-100.0%	8,952,794	9,550,329	-6.3%
LUMBER	0	0	0.0%	8,460	23,986	-64.73%	0	0	0.0%	83,626	113,647	-26.4%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	25,097	37,595	-33.24%	0	59	-100.0%	189,366	289,506	-34.6%
MINI CORN	0	0	0.0%	40,025	26,899	48.80%	0	0	0.0%	556,427	169,550	228.2%
MINI SOYBEAN	0	0	0.0%	41,945	36,692	14.32%	0	0	0.0%	493,391	220,961	123.3%
MINI WHEAT	0	0	0.0%	24,253	13,654	77.63%	0	0	0.0%	174,030	103,550	68.1%
MLK MID OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	4,373	5,723	-23.59%	0	0	0.0%	43,010	68,588	-37.3%
OATS	0	0	0.0%	9,774	8,979	8.85%	0	0	0.0%	82,909	91,740	-9.6%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PORK CUTOUT	0	-	-	975	-		0	-	-	21,788	-	-
ROUGH RICE	0	0	0.0%	19,642	21,475	-8.54%	0	0	0.0%	127,351	178,836	-28.8%
SOYBEAN	0	0	0.0%	3,238,824	4,276,466	-24.26%	0	10,769	-100.0%	34,794,409	35,059,756	-0.8%
SOYBEAN MEAL	0	0	0.0%	1,775,354	2,179,140	-18.53%	0	1,333	-100.0%	16,375,878	18,903,894	-13.4%
SOYBEAN OIL	0	0	0.0%	2,422,366	2,280,601	6.22%	0	4,078	-100.0%	21,912,231	21,298,184	2.9%
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SUGAR 11	0	0	0.0%	0	10	-100.00%	0	0	0.0%	0	10	-100.0%
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%	3,817	2,944	29.65%	0	0	0.0%	25,978	8,989	189.0%
Ag Products Options												
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	77	-100.0%
BLOCK CHEESE	0	0	0.0%	72	370	-80.54%	0	2,052	-100.0%	2,382	5,422	-56.1%
BUTTER CS	0	0	0.0%	423	877	-51.77%	0	212	-100.0%	15,623	25,853	-39.6%
CASH-SETTLED CHEESE	0	0	0.0%	3,531	12,327	-71.36%	0	5,682	-100.0%	56,238	89,801	-37.4%
CATTLE	0	0	0.0%	186,486	183,656	1.54%	0	59,913	-100.0%	1,490,828	1,863,590	-20.0%
CAT WEATHER EUROPEAN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	-	-	0	-		0	-	-	0	-	-
CHI WHEAT	0	0	0.0%	439,953	673,978	-34.72%	0	202,275	-100.0%	3,664,447	4,996,594	-26.7%
CLASS IV MILK	0	0	0.0%	3,094	2,051	50.85%	0	1,082	-100.0%	25,720	42,466	-39.4%

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CME Group Exchange Volume Comparison Report - Monthly

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Ag Products Options												
CORN	0	0	0.0%	2,246,569	1,994,199	12.66%	0	536,597	-100.0%	24,254,074	13,590,857	78.5%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	7,785	17,144	-54.59%	0	14,975	-100.0%	108,600	43,370	150.4%
DEC-DEC CORN CAL SPRD	0	0	0.0%	150	351	-57.26%	0	250	-100.0%	1,487	1,300	14.4%
DEC-JULY CORN CAL SPRD	0	0	0.0%	9,185	920	898.37%	0	175	-100.0%	11,585	2,581	348.9%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	960	-100.00%	0	0	0.0%	0	1,470	-100.0%
DRY WHEY	0	0	0.0%	69	35	97.14%	0	119	-100.0%	1,654	4,152	-60.2%
FEEDER CATTLE	0	0	0.0%	21,039	23,338	-9.85%	0	4,252	-100.0%	170,543	210,737	-19.1%
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	-	-
HOGS	0	0	0.0%	193,411	187,206	3.31%	0	34,430	-100.0%	1,619,412	2,206,602	-26.6%
HOUSING INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Intercommodity Spread	0	0	0.0%	0	60	-100.00%	0	7,987	-100.0%	271	3,293	-91.8%
JAN-MAR SOYBEAN CSO	0	0	0.0%	0	10	-100.00%	0	0	0.0%	0	20	-100.0%
JULY-DEC CORN CAL SPRD	0	0	0.0%	6,500	2,000	225.00%	0	11,810	-100.0%	35,055	7,125	392.0%
JULY-DEC SOYMEAL CAL SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JULY-DEC SOY OIL CAL SPRD	0	-	-	0	-		0	-	-	0	-	-
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	1,520	-100.0%	100	2,136	-95.3%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	50	-100.0%	0	70	-100.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	4,950	-100.0%	2,422	8,997	-73.1%
KC WHEAT	0	0	0.0%	99,119	115,976	-14.53%	0	36,570	-100.0%	488,485	772,802	-36.8%
LUMBER	0	0	0.0%	430	1,268	-66.09%	0	0	0.0%	6,180	7,614	-18.8%
LV CATL CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	505	-100.0%	0	0	0.0%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	2,500	-100.0%	0	0	0.0%
MAR-JULY SOYBEAN CAL SPR	0	-	-	0	-		0	-	-	0	-	-
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	75	-100.00%	0	0	0.0%	0	75	-100.0%
MILK	0	0	0.0%	20,318	35,030	-42.00%	0	3,323	-100.0%	197,764	400,627	-50.6%
MLK MID OPTIONS	0	0	0.0%	0	0	0.00%	0	31	-100.0%	11	86	-87.2%
NFD MILK	0	0	0.0%	1,749	3,065	-42.94%	0	494	-100.0%	29,158	54,850	-46.8%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	105	-100.00%	0	0	0.0%	0	105	-100.0%
NOV-MAR SOYBEAN CSO	0	0	0.0%	150	300	-50.00%	0	100	-100.0%	150	1,185	-87.3%
NOV-NOV SOYBEAN CAL SPR	0	0	0.0%	0	60	-100.00%	0	0	0.0%	0	70	-100.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2021	Open Outcry AUG 2020	% CHG	ELEC AUG 2021	ELEC AUG 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
Ag Products Options												
OATS	0	0	0.0%	147	212	-30.66%	0	720	-100.0%	2,124	1,288	64.9%
PORK CUTOUT	0	-	-	1	-		0	-	-	739	-	-
ROUGH RICE	0	0	0.0%	1,215	863	40.79%	0	6,492	-100.0%	5,158	13,318	-61.3%
SOYBEAN	0	0	0.0%	1,306,091	1,327,005	-1.58%	0	275,778	-100.0%	13,429,114	8,520,220	57.6%
SOYBEAN CRUSH	0	0	0.0%	0	100	-100.00%	0	830	-100.0%	1,071	1,620	-33.9%
SOYBEAN MEAL	0	0	0.0%	191,189	269,130	-28.96%	0	84,223	-100.0%	1,804,780	1,630,949	10.7%
SOYBEAN OIL	0	0	0.0%	229,717	167,680	37.00%	0	106,072	-100.0%	2,428,010	1,245,932	94.9%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	2,383	220	983.18%	0	335	-100.0%	19,504	835	2,235.8%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0.00%	0	200	-100.0%	0	0	0.0%
WHEAT	0	0	0.0%	145	2,747	-94.72%	0	16	-100.0%	6,067	6,794	-10.7%
WHEAT-CORN ICSSO	0	0	0.0%	0	730	-100.00%	0	70	-100.0%	831	4,068	-79.6%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	415	270	53.70%	0	1,251	-100.0%	3,975	4,701	-15.4%
TOTAL FUTURES GROUP												
Interest Rate Futures	417,959	91,899	354.8%	154,100,718	126,499,849	21.8%	3,341,696	3,324,203	0.5%	1,164,460,597	1,114,189,418	4.5%
Equity Index Futures	0	0	0.0%	77,851,463	74,430,116	4.6%	0	33,712	-100.0%	761,673,257	820,637,461	-7.2%
Metals Futures	0	0	0.0%	9,197,182	19,771,136	-53.5%	0	0	0.0%	87,881,880	109,393,487	-19.7%
Energy Futures	0	0	0.0%	39,019,982	32,837,313	18.8%	0	0	0.0%	302,343,744	372,675,048	-18.9%
FX Futures	0	0	0.0%	12,962,030	14,633,023	-11.4%	0	36	-100.0%	122,806,253	136,189,317	-9.8%
Ags Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	4	90	-95.6%
Foreign Exchange Futures	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Ag Products Futures	0	0	0.0%	21,469,896	24,651,452	-12.9%	0	52,661	-100.0%	187,634,442	191,297,041	-1.9%
TOTAL FUTURES	417,959	91,899	354.8%	314,601,271	292,822,889	7.4%	3,341,696	3,410,612	-2.0%	2,626,800,177	2,744,381,862	-4.3%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2021	Open Outcry AUG 2020	% CHG	ELEC AUG 2021	ELEC AUG 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	13,493,321	11,671,372	15.6%	0	1,658,011	-100.0%	105,352,502	124,321,349	-15.3%
Interest Rate Options	12,003,817	2,700,580	344.5%	23,397,547	17,226,422	35.8%	105,199,978	75,746,039	38.9%	206,602,029	266,138,590	-22.4%
Metals Options	0	0	0.0%	803,497	1,263,882	-36.4%	0	0	0.0%	7,534,246	10,530,684	-28.5%
Energy Options	0	0	0.0%	3,935,110	2,226,101	76.8%	0	0	0.0%	25,565,953	28,882,448	-11.5%
FX Options	0	0	0.0%	652,600	607,440	7.4%	0	4,673	-100.0%	5,436,371	7,271,010	-25.2%
Ag Products Options	0	0	0.0%	4,971,336	5,024,318	-1.1%	0	1,407,841	-100.0%	49,883,562	35,773,652	39.4%
Foreign Exchange Options	0	0	0.0%	277	269	3.0%	0	0	0.0%	4,311	6,424	-32.9%
TOTAL OPTIONS	12,003,817	2,700,580	344.5%	47,253,688	38,019,804	24.3%	105,199,978	78,816,564	33.5%	400,378,974	472,924,157	-15.3%
TOTAL COMBINED												
Interest Rate	12,421,776	2,792,479	344.8%	177,498,265	143,726,271	23.5%	108,541,674	79,070,242	37.3%	1,371,062,626	1,380,328,008	-0.7%
Equity Index	0	0	0.0%	91,344,784	86,101,488	6.1%	0	1,691,723	-100.0%	867,025,759	944,958,810	-8.2%
Metals	0	0	0.0%	10,000,679	21,035,018	-52.5%	0	0	0.0%	95,416,126	119,924,171	-20.4%
Energy	0	0	0.0%	42,955,092	35,063,414	22.5%	0	0	0.0%	327,909,697	401,557,496	-18.3%
FX	0	0	0.0%	13,614,630	15,240,463	-10.7%	0	4,709	-100.0%	128,242,624	143,460,327	-10.6%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	4	90	-95.6%
Foreign Exchange	0	0	0.0%	277	269	3.0%	0	0	0.0%	4,311	6,424	-32.9%
Ag Products	0	0	0.0%	26,441,232	29,675,770	-10.9%	0	1,460,502	-100.0%	237,518,004	227,070,693	4.6%
GRAND TOTAL	12,421,776	2,792,479	344.8%	361,854,959	330,842,693	9.4%	108,541,674	82,227,176	32.0%	3,027,179,151	3,217,306,019	-5.9%

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