



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>Interest Rate Futures</b>												
10-YR NOTE	0	0	0.0%	32,364,912	25,136,495	28.76%	0	469,469	-100.0%	239,966,641	229,488,695	4.6%
10-YR SWAP RATE	0	0	0.0%	55,885	44,175	26.51%	0	0	0.0%	355,987	303,152	17.4%
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	47	-100.00%	0	0	0.0%	0	509	-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%	6,298,014	5,986,651	5.20%	0	261	-100.0%	51,930,212	77,277,850	-32.8%
2-YR SWAP RATE	0	0	0.0%	48,015	5,531	768.11%	0	0	0.0%	455,685	74,453	512.0%
30-YR BOND	0	0	0.0%	7,644,115	5,558,793	37.51%	0	55,491	-100.0%	58,303,740	46,827,770	24.5%
30-YR SWAP RATE	0	0	0.0%	0	72	-100.00%	0	0	0.0%	0	731	-100.0%
3-YR NOTE	0	-	-	187,340	-		0	-	-	1,056,744	-	-
3-YR SWAP RATE	0	0	0.0%	6,574	2,916	125.45%	0	0	0.0%	15,216	19,693	-22.7%
4-YR SWAP RATE	0	0	0.0%	5,047	2,093	141.14%	0	0	0.0%	10,281	8,457	21.6%
5-YR NOTE	0	0	0.0%	18,090,138	13,710,624	31.94%	0	87,402	-100.0%	138,626,143	136,377,276	1.6%
5-YR SWAP RATE	0	0	0.0%	77,093	47,881	61.01%	0	0	0.0%	449,720	387,388	16.1%
7-YR SWAP RATE	0	0	0.0%	2,312	1,141	102.63%	0	0	0.0%	14,012	13,145	6.6%
EURODOLLARS	427,596	0	0.0%	58,632,635	34,412,348	70.38%	2,464,971	2,619,681	-5.9%	298,106,220	325,102,261	-8.3%
FED FUND	0	0	0.0%	2,431,388	3,214,716	-24.37%	0	0	0.0%	11,728,718	41,824,567	-72.0%
SOFR	0	0	0.0%	2,704,599	835,303	223.79%	0	0	0.0%	13,925,645	5,291,174	163.2%
SONIA	0	0	0.0%	39,468	135,711	-70.92%	0	0	0.0%	681,687	818,658	-16.7%
TIIE	0	-	-	3	-		0	-	-	53	-	-
Ultra 10-Year Note	0	0	0.0%	6,051,445	3,787,933	59.76%	0	0	0.0%	44,935,892	32,678,115	37.5%
ULTRA T-BOND	0	0	0.0%	3,658,647	2,984,402	22.59%	0	0	0.0%	28,194,209	25,082,877	12.4%

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<b>Interest Rate Options</b>												
10-YR NOTE	0	0	0.0%	13,244,200	10,009,322	32.32%	0	8,489,760	-100.0%	82,888,478	67,642,265	22.5%
2-YR NOTE	0	0	0.0%	22,182	112,479	-80.28%	0	273,359	-100.0%	91,499	1,590,641	-94.2%
30-YR BOND	0	0	0.0%	2,930,776	2,051,049	42.89%	0	891,042	-100.0%	16,683,492	14,328,981	16.4%
5-YR NOTE	0	0	0.0%	3,826,385	2,557,909	49.59%	0	2,424,616	-100.0%	19,278,553	20,636,269	-6.6%
EURODOLLARS	2,726,848	0	0.0%	1,470,332	5,124,113	-71.31%	16,624,469	48,129,596	-65.5%	8,655,544	91,647,713	-90.6%
EURO MIDCURVE	12,256,646	0	0.0%	6,226,597	7,651,915	-18.63%	62,970,198	12,810,071	391.6%	32,528,792	33,922,742	-4.1%
FED FUND	0	0	0.0%	0	0	0.00%	0	3,100	-100.0%	0	7,821	-100.0%
SOFR	3,900	0	0.0%	61	25	144.00%	7,000	10	69,900.0%	1,341	812	65.1%
Ultra 10-Year Note	0	0	0.0%	0	0	0.00%	0	13,035	-100.0%	0	2,961	-100.0%
ULTRA T-BOND	0	0	0.0%	880	251	250.60%	0	10,870	-100.0%	3,554	2,182	62.9%
<b>Equity Index Futures</b>												
BITCOIN FUTURES	0	0	0.0%	634,824	131,009	384.57%	0	0	0.0%	2,488,213	1,008,811	146.6%
DJ US REAL ESTATE	0	0	0.0%	43,967	50,386	-12.74%	0	0	0.0%	194,080	238,423	-18.6%
E-mini (\$5) Dow	0	0	0.0%	3,430,547	6,013,852	-42.96%	0	0	0.0%	22,219,294	34,455,282	-35.5%
E-MINI COM SERVICES SELEC	0	0	0.0%	5,036	2,998	67.98%	0	0	0.0%	18,177	13,500	34.6%
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%	20	0	0.00%	0	0	0.0%	20	0	0.0%
E-MINI MIDCAP	0	0	0.0%	332,033	531,550	-37.53%	0	0	0.0%	1,543,721	2,394,281	-35.5%
E-MINI NASDAQ 100	0	0	0.0%	10,562,346	11,798,767	-10.48%	0	0	0.0%	68,312,290	74,899,938	-8.8%
E-MINI RUSSELL 1000	0	0	0.0%	10,687	4,443	140.54%	0	0	0.0%	25,998	24,908	4.4%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	6,219	6,192	0.44%	0	0	0.0%	18,227	19,670	-7.3%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	14,015	12,524	11.91%	0	0	0.0%	54,627	36,576	49.4%
E-MINI RUSSELL 2000	0	0	0.0%	4,297,454	5,899,128	-27.15%	0	0	0.0%	24,605,132	27,473,373	-10.4%
E-MINI S&P500	0	0	0.0%	32,345,913	52,772,430	-38.71%	0	0	0.0%	203,691,940	286,580,617	-28.9%
E-MINI S&P500 ESG	0	0	0.0%	14,834	8,617	72.15%	0	0	0.0%	83,134	43,894	89.4%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	10,447	3,348	212.04%	0	0	0.0%	26,288	39,079	-32.7%
ETHER FUTURES	0	-	-	67,350	-		0	-		264,367	-	
FT-SE 100	0	0	0.0%	171	0	0.00%	0	0	0.0%	179	0	0.0%
FTSE Emerging	0	0	0.0%	0	60	-100.00%	0	0	0.0%	5	4,480	-99.9%
IBOVESPA INDEX	0	0	0.0%	118	365	-67.67%	0	0	0.0%	1,161	3,471	-66.6%

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<b>Equity Index Futures</b>												
MICRO E-MINI NASDAQ 100	0	0	0.0%	14,918,829	13,515,935	10.38%	0	0	0.0%	120,818,235	72,413,156	66.8%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	2,132,522	3,043,848	-29.94%	0	0	0.0%	19,267,008	12,050,980	59.9%
MICRO E-MINI S&P500	0	0	0.0%	13,958,415	24,368,888	-42.72%	0	0	0.0%	113,305,641	106,491,003	6.4%
MICRO MINI \$5 DOW	0	0	0.0%	2,039,237	3,593,740	-43.26%	0	0	0.0%	16,128,699	17,497,922	-7.8%
NASDAQ-100 VOLATILITY	0	-	-	17	-		0	-	-	49	-	-
NASDAQ BIOTECH	0	0	0.0%	1,024	728	40.66%	0	0	0.0%	3,748	3,530	6.2%
Nearby BTIC+	0	0	0.0%	202	0	0.00%	0	0	0.0%	306	200	53.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	132,777	212,736	-37.59%	0	0	0.0%	779,319	1,431,775	-45.6%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	646,272	1,010,355	-36.04%	0	0	0.0%	3,879,485	7,135,333	-45.6%
S&P 500	0	0	0.0%	319	1,794	-82.22%	0	33,712	-100.0%	11,698	18,437	-36.6%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	21,063	39,090	-46.12%	0	0	0.0%	94,390	176,978	-46.7%
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%	40	2,782	-98.56%	0	0	0.0%	547	7,964	-93.1%
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%	9,185	6,562	39.97%	0	0	0.0%	64,394	42,503	51.5%
S&P CONSUMER STAPLES SE	0	0	0.0%	35,370	19,653	79.97%	0	0	0.0%	106,736	63,742	67.5%
S&P ENERGY SECTOR	0	0	0.0%	40,978	24,076	70.20%	0	0	0.0%	176,822	111,285	58.9%
S&P FINANCIAL SECTOR	0	0	0.0%	66,218	29,693	123.01%	0	0	0.0%	219,936	116,786	88.3%
S&P HEALTH CARE SECTOR	0	0	0.0%	26,485	17,513	51.23%	0	0	0.0%	90,337	83,872	7.7%
S&P INDUSTRIAL SECTOR	0	0	0.0%	23,981	13,207	81.58%	0	0	0.0%	67,511	55,635	21.3%
S&P MATERIALS SECTOR	0	0	0.0%	15,484	8,510	81.95%	0	0	0.0%	55,540	32,032	73.4%
S&P TECHNOLOGY SECTOR	0	0	0.0%	20,473	12,700	61.20%	0	0	0.0%	75,316	64,709	16.4%
S&P UTILITIES SECTOR	0	0	0.0%	23,830	18,452	29.15%	0	0	0.0%	92,810	91,230	1.7%
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	-	-	63	-		0	-	-	799	-	-
YEN DENOMINATED TOPIX	0	0	0.0%	920	6,588	-86.04%	0	0	0.0%	7,723	47,942	-83.9%

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<b>Equity Index Options</b>												
BITCOIN FUTURES	0	0	0.0%	984	1,764	-44.22%	0	0	0.0%	7,332	4,905	49.5%
E-mini (\$5) Dow	0	0	0.0%	1,323	4,131	-67.97%	0	0	0.0%	9,486	21,465	-55.8%
E-MINI NASDAQ 100	0	0	0.0%	539,072	289,020	86.52%	0	0	0.0%	3,129,978	1,970,032	58.9%
E-MINI RUSSELL 2000	0	0	0.0%	23,812	23,849	-0.16%	0	0	0.0%	175,523	122,823	42.9%
E-MINI S&P500	0	0	0.0%	5,970,595	8,043,313	-25.77%	0	250	-100.0%	34,307,189	50,238,213	-31.7%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	11,896	10,152	17.18%	0	0	0.0%	117,160	53,081	120.7%
EOM EMINI S&P	0	0	0.0%	1,500,031	1,517,474	-1.15%	0	0	0.0%	10,667,320	13,389,328	-20.3%
EOM S&P 500	0	0	0.0%	224	0	0.00%	0	303,360	-100.0%	1,564	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	9,178	4,820	90.41%	0	0	0.0%	55,263	31,744	74.1%
EOW1 EMINI S&P 500	0	0	0.0%	1,076,143	1,051,661	2.33%	0	0	0.0%	5,796,954	6,631,198	-12.6%
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%	10,048	4,782	110.12%	0	0	0.0%	73,885	22,909	222.5%
EOW2 EMINI S&P 500	0	0	0.0%	992,487	1,399,349	-29.08%	0	0	0.0%	6,431,334	6,820,929	-5.7%
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%	23,053	18,759	22.89%	0	0	0.0%	158,088	122,323	29.2%
EOW3 EMINI S&P 500	0	0	0.0%	1,323,378	1,840,317	-28.09%	0	0	0.0%	11,745,335	15,651,201	-25.0%
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%	11,884	4,029	194.96%	0	0	0.0%	68,653	19,126	259.0%
EOW4 EMINI S&P 500	0	0	0.0%	962,308	978,465	-1.65%	0	0	0.0%	3,951,460	4,990,825	-20.8%
MICRO E-MINI NASDAQ 100	0	-	-	38,077	-	-	0	-	-	176,807	-	-
MICRO E-MINI S&P500	0	-	-	134,235	-	-	0	-	-	814,191	-	-
S&P 500	0	0	0.0%	0	824	-100.00%	0	677,812	-100.0%	200	7,073	-97.2%

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<b>Metals Futures</b>												
ALUMINUM	0	0	0.0%	13,314	3,509	279.42%	0	0	0.0%	51,773	17,491	196.0%
COBALT METAL FUTURES	0	-	-	0	-		0	-	-	12	-	-
COMEX COPPER	0	0	0.0%	2,556,825	2,209,487	15.72%	0	0	0.0%	14,193,784	12,375,933	14.7%
COMEX E-Mini GOLD	0	0	0.0%	19,447	18,496	5.14%	0	0	0.0%	137,693	209,067	-34.1%
COMEX E-Mini SILVER	0	0	0.0%	5,453	4,276	27.53%	0	0	0.0%	44,763	26,607	68.2%
COMEX GOLD	0	0	0.0%	4,694,680	4,324,233	8.57%	0	0	0.0%	31,015,469	40,576,591	-23.6%
COMEX MINY COPPER	0	0	0.0%	5,162	543	850.64%	0	0	0.0%	24,536	3,124	685.4%
COMEX SILVER	0	0	0.0%	1,964,063	1,802,908	8.94%	0	0	0.0%	11,292,211	10,921,191	3.4%
COPPER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	925	1,013	-8.69%	0	0	0.0%	5,480	8,279	-33.8%
GOLD	0	0	0.0%	4,460	3,178	40.34%	0	0	0.0%	23,731	48,640	-51.2%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	71	0	0.00%	0	0	0.0%	884	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	1	-100.00%	0	0	0.0%	0	209	-100.0%
IRON ORE CHINA	0	-	-	0	-		0	-	-	4	-	-
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%	1,239,095	1,567,682	-20.96%	0	0	0.0%	7,765,240	8,029,922	-3.3%
NYMEX HOT ROLLED STEEL	0	0	0.0%	2,651	3,803	-30.29%	0	0	0.0%	28,275	33,251	-15.0%
NYMEX PLATINUM	0	0	0.0%	481,246	339,545	41.73%	0	0	0.0%	2,185,163	2,379,325	-8.2%
PALLADIUM	0	0	0.0%	29,432	21,839	34.77%	0	0	0.0%	270,085	415,103	-34.9%
SILVER	0	0	0.0%	194,898	114,049	70.89%	0	0	0.0%	1,435,316	359,765	299.0%
URANIUM	0	0	0.0%	5	18	-72.22%	0	0	0.0%	465	54	761.1%

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<b>Metals Options</b>												
ALUMINUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COMEX COPPER	0	0	0.0%	52,868	8,412	528.48%	0	0	0.0%	248,160	194,991	27.3%
COMEX GOLD	0	0	0.0%	609,857	632,035	-3.51%	0	0	0.0%	3,720,819	5,913,028	-37.1%
COMEX SILVER	0	0	0.0%	162,905	104,082	56.52%	0	0	0.0%	958,091	1,010,408	-5.2%
COPPER	0	0	0.0%	16	0	0.00%	0	0	0.0%	106	2,663	-96.0%
GOLD	0	0	0.0%	185,006	112,364	64.65%	0	0	0.0%	980,783	868,044	13.0%
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	-	-
NYMEX HOT ROLLED STEEL	0	-	-	0	-		0	-	-	0	-	-
NYMEX PLATINUM	0	0	0.0%	928	589	57.56%	0	0	0.0%	3,386	3,426	-1.2%
PALLADIUM	0	0	0.0%	20	23	-13.04%	0	0	0.0%	614	1,357	-54.8%
SILVER	0	0	0.0%	14,425	6,539	120.60%	0	0	0.0%	52,526	58,992	-11.0%
<b>Energy Futures</b>												
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%	1,688,811	1,916,673	-11.89%	0	0	0.0%	12,277,064	16,496,146	-25.6%
CAR VINTAGE	0	-	-	80	-		0	-	-	241	-	-
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

	Open Outcry JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>Energy Futures</b>												
CHICAGO ETHANOL SWAP	0	0	0.0%	26	7	271.43%	0	0	0.0%	778	177	339.5%
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%	19,805,072	18,830,836	5.17%	0	0	0.0%	122,802,997	171,247,541	-28.3%
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%	37,589	35,047	7.25%	0	0	0.0%	303,140	198,029	53.1%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	1	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

	Open Outcry JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>Energy Futures</b>												
ELECTRICITY OFF PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL	0	0	0.0%	32	577	-94.45%	0	0	0.0%	260	11,701	-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%	24	2	1,100.00%	0	0	0.0%	268	286	-6.3%
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

	Open Outcry JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>Energy Futures</b>												
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%	48	8,776	-99.5%
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 CLNDF	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST NO.6 FUEL OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CALEND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL CRCK SPRD BAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	0	0.0%	2,613,476	2,633,740	-0.77%	0	0	0.0%	17,419,076	23,620,496	-26.3%
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	-	-
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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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Energy Futures</b>												
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%	271,870	135,355	100.86%	0	0	0.0%	1,269,188	977,666	29.8%
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%	1,644	326	404.29%	0	0	0.0%	15,807	5,293	198.6%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	81	15	440.0%
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%	5	5	0.00%	0	0	0.0%	38	26	46.2%
MINY NATURAL GAS	0	0	0.0%	100,875	129,423	-22.06%	0	0	0.0%	642,611	592,717	8.4%
MINY RBOB GAS	0	0	0.0%	11	6	83.33%	0	0	0.0%	55	44	25.0%
MINY WTI CRUDE OIL	0	0	0.0%	423,914	449,670	-5.73%	0	0	0.0%	2,416,668	5,266,702	-54.1%
MJC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MNC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE 5 DEC	0	0	0.0%	10	0	0.00%	0	0	0.0%	150	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%	62	38	63.16%	0	0	0.0%	119	140	-15.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NAT GAS BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NATURAL GAS	0	0	0.0%	54,449	42,737	27.40%	0	0	0.0%	244,006	293,300	-16.8%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>Energy Futures</b>												
NATURAL GAS PEN SWP	0	0	0.0%	11	0	0.00%	0	0	0.0%	99	0	0.0%
NATURAL GAS PHY	0	0	0.0%	8,856,720	9,468,382	-6.46%	0	0	0.0%	46,546,611	64,888,912	-28.3%
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%	0	1	-100.00%	0	0	0.0%	16	17	-5.9%
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 JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>Energy Futures</b>												
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 JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>Energy Futures</b>												
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%	3,678,369	3,337,275	10.22%	0	0	0.0%	22,877,290	24,620,588	-7.1%
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	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 JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>Energy Futures</b>												
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%	50	135	-62.96%	0	0	0.0%	2,535	1,729	46.6%
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%
<b>Energy Options</b>												
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CRUDE OIL 1 M CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	2,584	2,815	-8.21%	0	0	0.0%	20,528	111,144	-81.5%
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	2,200	-100.00%	0	0	0.0%	42,180	55,471	-24.0%
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%	2,005,650	1,779,361	12.72%	0	0	0.0%	10,845,769	15,504,652	-30.0%
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%	2,041	854	138.99%	0	0	0.0%	9,926	23,120	-57.1%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>Energy Options</b>												
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 ARGV 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%	0	100	-100.00%	0	0	0.0%	4,250	2,501	69.9%
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%	100	300	-66.67%	0	0	0.0%	200	300	-33.3%
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%	1,381,335	1,062,711	29.98%	0	0	0.0%	7,058,928	8,658,148	-18.5%
NATURAL GAS SUMMER STRIP	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%	95	111	-14.41%	0	0	0.0%	480	640	-25.0%
PETROCHEMICALS	0	0	0.0%	11	0	0.00%	0	0	0.0%	55	11	400.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	-	0	0.0%	-	0	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%	2,637	2,408	9.51%	0	0	0.0%	13,928	17,036	-18.2%
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%	1,000	1,550	-35.48%	0	0	0.0%	7,100	11,660	-39.1%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	0	0.00%	0	0	0.0%	900	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>FX Futures</b>												
AD/CD CROSS RATES	0	0	0.0%	6	1	500.00%	0	0	0.0%	134	76	76.3%
AD/JY CROSS RATES	0	0	0.0%	2,286	5,396	-57.64%	0	0	0.0%	12,913	19,164	-32.6%
AD/NE CROSS RATES	0	0	0.0%	196	212	-7.55%	0	0	0.0%	987	1,989	-50.4%
AUSTRALIAN DOLLAR	0	0	0.0%	2,420,564	2,615,203	-7.44%	0	0	0.0%	12,952,051	13,469,796	-3.8%
BP/JY CROSS RATES	0	0	0.0%	3,591	4,208	-14.66%	0	0	0.0%	14,291	22,796	-37.3%
BP/SF CROSS RATES	0	0	0.0%	927	685	35.33%	0	0	0.0%	3,611	3,029	19.2%
BRAZIL REAL	0	0	0.0%	270,979	224,195	20.87%	0	0	0.0%	1,364,885	1,147,580	18.9%
BRITISH POUND	0	0	0.0%	2,518,847	2,583,268	-2.49%	0	0	0.0%	11,711,528	13,281,663	-11.8%
CANADIAN DOLLAR	0	0	0.0%	1,988,595	1,767,365	12.52%	0	0	0.0%	9,877,734	10,102,039	-2.2%
CD/JY CROSS RATES	0	0	0.0%	9	46	-80.43%	0	0	0.0%	561	350	60.3%
CHINESE RENMINBI (CNH)	0	0	0.0%	22,750	17,407	30.69%	0	0	0.0%	98,679	111,141	-11.2%
CZECK KORUNA (EC)	0	0	0.0%	0	7	-100.00%	0	0	0.0%	2	21	-90.5%
CZECK KORUNA (US)	0	-	-	2	-	-	0	-	-	5	-	-
EC/AD CROSS RATES	0	0	0.0%	9,364	10,495	-10.78%	0	0	0.0%	29,695	42,308	-29.8%
EC/CD CROSS RATES	0	0	0.0%	15,349	9,256	65.83%	0	0	0.0%	43,326	29,082	49.0%
EC/NOK CROSS RATES	0	0	0.0%	1,237	94	1,215.96%	0	0	0.0%	3,766	1,385	171.9%
EC/SEK CROSS RATES	0	0	0.0%	1,411	1,443	-2.22%	0	0	0.0%	4,115	4,348	-5.4%
EFX/BP CROSS RATES	0	0	0.0%	106,872	102,703	4.06%	0	0	0.0%	338,563	462,412	-26.8%
EFX/JY CROSS RATES	0	0	0.0%	81,630	100,813	-19.03%	0	0	0.0%	230,586	423,212	-45.5%
EFX/SF CROSS RATES	0	0	0.0%	40,590	57,898	-29.89%	0	0	0.0%	131,428	273,529	-52.0%
E-MINI EURO FX	0	0	0.0%	152,287	183,404	-16.97%	0	0	0.0%	817,462	894,907	-8.7%
E-MINI JAPANESE YEN	0	0	0.0%	7,834	22,693	-65.48%	0	0	0.0%	54,721	167,944	-67.4%
EURO FX	0	0	0.0%	5,268,632	5,577,033	-5.53%	0	36	-100.0%	24,832,526	27,402,634	-9.4%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	1	-100.00%	0	0	0.0%	0	9	-100.0%
HUNGARIAN FORINT (US)	0	0	0.0%	51	6	750.00%	0	0	0.0%	123	67	83.6%
INDIAN RUPEE	0	0	0.0%	12,450	32,201	-61.34%	0	0	0.0%	85,583	164,106	-47.8%
JAPANESE YEN	0	0	0.0%	2,504,706	2,348,670	6.64%	0	0	0.0%	13,078,341	16,692,562	-21.7%
KOREAN WON	0	0	0.0%	937	792	18.31%	0	0	0.0%	10,084	3,765	167.8%
MEXICAN PESO	0	0	0.0%	1,511,409	1,337,338	13.02%	0	0	0.0%	6,765,668	7,537,879	-10.2%
MICRO AUD/USD	0	0	0.0%	168,689	396,225	-57.43%	0	0	0.0%	1,346,361	1,484,537	-9.3%
MICRO CAD/USD	0	0	0.0%	62,499	27,585	126.57%	0	0	0.0%	308,737	151,541	103.7%
MICRO CHF/USD	0	0	0.0%	9,854	3,044	223.72%	0	0	0.0%	56,448	20,016	182.0%
MICRO EUR/USD	0	0	0.0%	492,097	571,904	-13.95%	0	0	0.0%	3,037,310	2,494,663	21.8%
MICRO GBP/USD	0	0	0.0%	79,008	73,542	7.43%	0	0	0.0%	426,998	331,504	28.8%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>FX Futures</b>												
MICRO INR/USD	0	0	0.0%	1,315	1,929	-31.83%	0	0	0.0%	12,224	14,903	-18.0%
MICRO JPY/USD	0	0	0.0%	36,983	33,601	10.07%	0	0	0.0%	190,162	193,697	-1.8%
MICRO USD/CNH	0	-	-	16	-		0	-	-	36	-	
NEW ZEALND DOLLAR	0	0	0.0%	600,476	728,536	-17.58%	0	0	0.0%	3,573,932	3,858,800	-7.4%
NKR/USD CROSS RATE	0	0	0.0%	6,875	6,745	1.93%	0	0	0.0%	28,769	34,163	-15.8%
POLISH ZLOTY (EC)	0	0	0.0%	315	231	36.36%	0	0	0.0%	901	399	125.8%
POLISH ZLOTY (US)	0	0	0.0%	1,326	1,237	7.19%	0	0	0.0%	5,723	4,168	37.3%
RMB USD	0	0	0.0%	2	0	0.00%	0	0	0.0%	2	3	-33.3%
RUSSIAN RUBLE	0	0	0.0%	155,367	117,624	32.09%	0	0	0.0%	600,394	702,914	-14.6%
S.AFRICAN RAND	0	0	0.0%	75,553	114,429	-33.97%	0	0	0.0%	323,441	480,634	-32.7%
SF/JY CROSS RATES	0	0	0.0%	14	55	-74.55%	0	0	0.0%	144	220	-34.5%
SHEKEL	0	0	0.0%	3	2	50.00%	0	0	0.0%	15	92	-83.7%
SKR/USD CROSS RATES	0	0	0.0%	7,391	6,128	20.61%	0	0	0.0%	27,835	25,005	11.3%
SWISS FRANC	0	0	0.0%	599,346	575,407	4.16%	0	0	0.0%	2,909,937	3,743,364	-22.3%
TURKISH LIRA	0	0	0.0%	0	0	0.00%	0	0	0.0%	8	18	-55.6%
USDZAR	0	0	0.0%	11	0	0.00%	0	0	0.0%	60	0	0.0%
<b>FX Options</b>												
AUD/USD MONDAY OPTION W	0	0	0.0%	290	315	-7.94%	0	0	0.0%	2,326	2,266	2.6%
AUD/USD MONDAY OPTION W	0	0	0.0%	50	59	-15.25%	0	0	0.0%	1,790	1,086	64.8%
AUD/USD MONDAY OPTION W	0	0	0.0%	442	580	-23.79%	0	0	0.0%	2,387	1,386	72.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	561	623	-9.95%	0	0	0.0%	2,700	803	236.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	606	-100.00%	0	0	0.0%	23	709	-96.8%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	52,456	55,924	-6.20%	0	0	0.0%	267,170	526,642	-49.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,658	0	0.00%	0	0	0.0%	3,616	3,153	14.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,182	5,673	-79.16%	0	0	0.0%	9,742	32,645	-70.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,097	3,668	-15.57%	0	0	0.0%	16,013	26,526	-39.6%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,650	4,314	-38.57%	0	0	0.0%	18,872	28,305	-33.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	317	190	66.84%	0	0	0.0%	3,386	10,737	-68.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	799	765	4.44%	0	0	0.0%	7,348	9,171	-19.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	374	3,012	-87.58%	0	0	0.0%	4,335	11,079	-60.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	109	857	-87.28%	0	0	0.0%	2,441	6,927	-64.8%

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<b>FX Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	767	1,077	-28.78%	0	0	0.0%	6,339	10,457	-39.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	844	0	0.00%	0	0	0.0%	1,408	3,619	-61.1%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	8	323	-97.52%	0	0	0.0%	1,781	663	168.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	132	90	46.67%	0	0	0.0%	4,351	1,740	150.1%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,769	304	481.91%	0	0	0.0%	6,746	406	1,561.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	958	1,389	-31.03%	0	0	0.0%	2,474	2,009	23.1%
CAD/USD MONDAY OPTIONS	0	0	0.0%	3,123	1,142	173.47%	0	0	0.0%	6,714	1,388	383.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	759	-100.00%	0	0	0.0%	612	861	-28.9%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	61,506	61,400	0.17%	0	430	-100.0%	322,801	333,698	-3.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	7,720	0	0.00%	0	0	0.0%	14,088	6,030	133.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	7,482	12,048	-37.90%	0	0	0.0%	26,684	42,589	-37.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	8,220	6,476	26.93%	0	0	0.0%	37,739	39,201	-3.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,970	8,208	-15.08%	0	0	0.0%	39,499	44,927	-12.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	115	364	-68.41%	0	0	0.0%	9,985	19,447	-48.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,021	4,172	-75.53%	0	0	0.0%	6,109	15,379	-60.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,783	1,722	3.54%	0	0	0.0%	7,964	12,410	-35.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,273	2,745	-53.62%	0	0	0.0%	8,582	12,598	-31.9%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	3,992	1,078	270.32%	0	0	0.0%	8,809	15,224	-42.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,020	0	0.00%	0	0	0.0%	3,241	5,417	-40.2%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	5,229	2,446	113.78%	0	0	0.0%	29,078	21,141	37.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	158	0	0.00%	0	0	0.0%	214	37	478.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	90	458	-80.35%	0	0	0.0%	1,548	1,289	20.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	56	142	-60.56%	0	0	0.0%	1,227	834	47.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	328	7	4,585.71%	0	0	0.0%	2,229	749	197.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	50	50	0.00%	0	0	0.0%	72	903	-92.0%
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%	430	2,999	-85.66%	0	0	0.0%	6,574	6,206	5.9%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,304	1,261	3.41%	0	0	0.0%	10,930	3,540	208.8%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,893	2,687	7.67%	0	0	0.0%	6,584	5,949	10.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	3,308	2,914	13.52%	0	0	0.0%	12,930	6,456	100.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	3,905	-100.00%	0	0	0.0%	1,587	5,514	-71.2%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	241,098	272,436	-11.50%	0	1,550	-100.0%	1,229,894	1,920,546	-36.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	16,852	0	0.00%	0	0	0.0%	28,750	11,073	159.6%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>FX Options</b>												
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	17,789	26,919	-33.92%	0	62	-100.0%	86,921	130,463	-33.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	21,456	19,178	11.88%	0	0	0.0%	118,678	132,129	-10.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	18,767	25,650	-26.83%	0	0	0.0%	105,185	143,624	-26.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	112	217	-48.39%	0	0	0.0%	33,609	40,974	-18.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,899	15,467	-61.86%	0	0	0.0%	38,917	61,682	-36.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,694	7,800	-14.18%	0	0	0.0%	41,068	51,364	-20.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	8,378	11,718	-28.50%	0	0	0.0%	42,893	50,110	-14.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	8,886	6,055	46.75%	0	0	0.0%	49,406	43,841	12.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,997	0	0.00%	0	0	0.0%	12,636	14,285	-11.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	345	-100.00%	0	0	0.0%	1,240	2,618	-52.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	681	974	-30.08%	0	0	0.0%	3,583	2,313	54.9%
GBP/USD MONDAY OPTION W	0	0	0.0%	276	1,686	-83.63%	0	0	0.0%	1,480	3,893	-62.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,145	2,336	-50.98%	0	0	0.0%	1,687	4,891	-65.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	761	-100.00%	0	0	0.0%	400	1,162	-65.6%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	59,378	82,317	-27.87%	0	64	-100.0%	434,318	530,753	-18.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,930	0	0.00%	0	0	0.0%	6,698	3,267	105.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,041	4,767	-57.18%	0	0	0.0%	13,779	23,782	-42.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,408	4,899	-10.02%	0	0	0.0%	16,592	21,887	-24.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,746	2,645	79.43%	0	0	0.0%	19,892	23,544	-15.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	633	480	31.88%	0	0	0.0%	4,119	8,409	-51.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	873	853	2.34%	0	0	0.0%	7,487	12,339	-39.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	350	880	-60.23%	0	0	0.0%	4,079	6,728	-39.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	965	2,106	-54.18%	0	0	0.0%	4,135	11,081	-62.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,235	487	153.59%	0	0	0.0%	6,620	9,445	-29.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	246	0	0.00%	0	0	0.0%	1,901	5,190	-63.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	403	1,813	-77.77%	0	0	0.0%	2,386	4,292	-44.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	258	2,840	-90.92%	0	0	0.0%	2,109	5,809	-63.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	748	1,641	-54.42%	0	0	0.0%	1,826	3,233	-43.5%
JPY/USD MONDAY OPTION WE	0	0	0.0%	143	657	-78.23%	0	0	0.0%	1,024	1,892	-45.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	1,211	-100.00%	0	0	0.0%	313	1,363	-77.0%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	76,766	94,173	-18.48%	0	727	-100.0%	456,839	863,074	-47.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	11,731	0	0.00%	0	0	0.0%	19,898	5,689	249.8%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,268	15,690	-47.30%	0	0	0.0%	34,559	77,008	-55.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	11,163	9,505	17.44%	0	0	0.0%	53,955	85,614	-37.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>FX Options</b>												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,451	14,037	-39.79%	0	0	0.0%	48,754	78,563	-37.9%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	82	704	-88.35%	0	0	0.0%	16,557	26,567	-37.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,705	4,734	-42.86%	0	0	0.0%	14,296	36,708	-61.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,847	5,920	-51.91%	0	0	0.0%	17,172	28,445	-39.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,296	4,782	-31.07%	0	0	0.0%	15,721	34,177	-54.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,592	3,775	-31.34%	0	0	0.0%	16,220	37,558	-56.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,048	0	0.00%	0	0	0.0%	5,541	6,294	-12.0%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	642	1,844	-65.18%	0	1,840	-100.0%	6,322	9,303	-32.0%
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%	260	225	15.56%	0	0	0.0%	604	225	168.4%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	493	1,001	-50.75%	0	0	0.0%	552	1,003	-45.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	138	371	-62.80%	0	0	0.0%	331	1,181	-72.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	143	-100.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	253	115	120.00%	0	0	0.0%	793	4,472	-82.3%
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	0.00%	-	0	0.0%	-	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	-	-
<b>Ags Futures</b>												
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	4	85	-95.3%
<b>Foreign Exchange Futures</b>												
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

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<b>Foreign Exchange Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	92	681	-86.49%	0	0	0.0%	3,518	5,865	-40.0%
<b>Ag Products Futures</b>												
BUTTER CS	0	0	0.0%	4,170	4,267	-2.27%	0	0	0.0%	25,006	38,675	-35.3%
CASH-SETTLED CHEESE	0	0	0.0%	12,383	11,841	4.58%	0	0	0.0%	74,101	84,930	-12.8%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,015,917	994,604	2.14%	0	2,592	-100.0%	7,119,489	8,942,547	-20.4%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHI WHEAT	0	0	0.0%	3,279,991	3,338,663	-1.76%	0	12,092	-100.0%	16,435,507	17,094,917	-3.9%
CLASS IV MILK	0	0	0.0%	1,640	1,186	38.28%	0	65	-100.0%	4,846	17,093	-71.6%
COCOA TAS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
COFFEE	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	0	0.0%
CORN	0	0	0.0%	9,621,827	9,868,082	-2.50%	0	18,145	-100.0%	49,570,276	43,752,376	13.3%
COTTON	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	23	-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%	107,308	68,913	55.72%	0	0	0.0%	324,029	204,324	58.6%
DRY WHEY	0	0	0.0%	2,262	765	195.69%	0	0	0.0%	14,732	8,821	67.0%
FEEDER CATTLE	0	0	0.0%	217,986	179,978	21.12%	0	54	-100.0%	1,423,699	1,623,769	-12.3%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	9,385	11,814	-20.56%	0	0	0.0%	68,138	100,774	-32.4%
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%	1,299,729	1,046,596	24.19%	0	1,940	-100.0%	6,029,975	6,938,558	-13.1%
HOUSING INDEX	0	0	0.0%	10	21	-52.38%	0	0	0.0%	72	216	-66.7%
Intercommodity Spread	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
KC WHEAT	0	0	0.0%	1,310,051	1,345,470	-2.63%	0	1,534	-100.0%	6,679,705	7,097,832	-5.9%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Ag Products Futures</b>												
LUMBER	0	0	0.0%	13,900	11,793	17.87%	0	0	0.0%	64,377	74,079	-13.1%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	20,412	40,807	-49.98%	0	59	-100.0%	139,709	214,243	-34.8%
MINI CORN	0	0	0.0%	91,576	21,667	322.65%	0	0	0.0%	463,214	117,852	293.0%
MINI SOYBEAN	0	0	0.0%	62,914	26,659	136.00%	0	0	0.0%	407,504	151,613	168.8%
MINI WHEAT	0	0	0.0%	25,061	12,624	98.52%	0	0	0.0%	126,546	77,291	63.7%
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%	4,644	6,754	-31.24%	0	0	0.0%	34,182	57,863	-40.9%
OATS	0	0	0.0%	14,596	17,662	-17.36%	0	0	0.0%	61,828	76,208	-18.9%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PORK CUTOUT	0	-	-	1,679	-	-	0	-	-	19,329	-	-
ROUGH RICE	0	0	0.0%	20,775	26,596	-21.89%	0	0	0.0%	98,797	148,227	-33.3%
SOYBEAN	0	0	0.0%	5,291,236	5,281,566	0.18%	0	10,769	-100.0%	28,383,867	26,833,959	5.8%
SOYBEAN MEAL	0	0	0.0%	2,683,655	2,667,766	0.60%	0	1,333	-100.0%	12,852,190	14,539,592	-11.6%
SOYBEAN OIL	0	0	0.0%	3,878,770	2,725,178	42.33%	0	4,078	-100.0%	17,257,637	16,561,066	4.2%
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	0	0.00%	0	0	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%	4,982	1,630	205.64%	0	0	0.0%	18,916	3,999	373.0%
<b>Ag Products Options</b>												
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	0	2	-100.00%	0	0	0.0%	0	2	-100.0%
BUTTER CS	0	0	0.0%	2,563	2,678	-4.29%	0	212	-100.0%	14,439	23,585	-38.8%
CASH-SETTLED CHEESE	0	0	0.0%	7,583	11,491	-34.01%	0	7,734	-100.0%	50,086	68,907	-27.3%
CATTLE	0	0	0.0%	189,739	156,584	21.17%	0	59,913	-100.0%	1,154,631	1,487,769	-22.4%
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%	395,861	571,642	-30.75%	0	202,275	-100.0%	2,774,040	3,625,053	-23.5%
CLASS IV MILK	0	0	0.0%	3,118	4,962	-37.16%	0	1,082	-100.0%	18,586	38,642	-51.9%
CORN	0	0	0.0%	3,621,640	2,052,720	76.43%	0	536,597	-100.0%	19,686,946	9,502,084	107.2%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	32,457	12,120	167.80%	0	14,975	-100.0%	82,555	17,285	377.6%

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<b>Ag Products Options</b>												
DEC-DEC CORN CAL SPRD	0	0	0.0%	107	0	0.00%	0	250	-100.0%	1,337	774	72.7%
DEC-JULY CORN CAL SPRD	0	0	0.0%	0	1,000	-100.00%	0	175	-100.0%	100	1,051	-90.5%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DRY WHEY	0	0	0.0%	0	160	-100.00%	0	119	-100.0%	1,418	3,347	-57.6%
FEEDER CATTLE	0	0	0.0%	22,747	14,617	55.62%	0	4,252	-100.0%	131,374	167,590	-21.6%
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%	283,636	242,188	17.11%	0	34,430	-100.0%	1,212,749	1,801,949	-32.7%
HOUSING INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Intercommodity Spread	0	0	0.0%	2	2,645	-99.92%	0	7,987	-100.0%	271	2,958	-90.8%
JAN-MAR SOYBEAN CSO	0	-	-	0	-	-	0	-	-	0	-	-
JULY-DEC CORN CAL SPRD	0	0	0.0%	2,990	0	0.00%	0	11,810	-100.0%	28,555	5,125	457.2%
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	415	-100.00%	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%	945	6,575	-85.63%	0	4,950	-100.0%	2,422	8,997	-73.1%
KC WHEAT	0	0	0.0%	48,455	79,859	-39.32%	0	36,570	-100.0%	323,028	540,721	-40.3%
LUMBER	0	0	0.0%	939	499	88.18%	0	0	0.0%	5,165	5,503	-6.1%
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	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	25,303	65,988	-61.66%	0	3,323	-100.0%	157,828	315,632	-50.0%
MLK MID OPTIONS	0	0	0.0%	0	38	-100.00%	0	31	-100.0%	11	55	-80.0%
NFD MILK	0	0	0.0%	4,257	2,794	52.36%	0	494	-100.0%	24,419	46,457	-47.4%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	85	-100.00%	0	100	-100.0%	0	885	-100.0%
NOV-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
OATS	0	0	0.0%	376	165	127.88%	0	720	-100.0%	1,034	938	10.2%
PORK CUTOUT	0	-	-	19	-	-	0	-	-	737	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>Ag Products Options</b>												
ROUGH RICE	0	0	0.0%	837	1,642	-49.03%	0	6,492	-100.0%	3,603	11,233	-67.9%
SOYBEAN	0	0	0.0%	2,106,954	1,114,032	89.13%	0	275,778	-100.0%	10,881,148	5,717,288	90.3%
SOYBEAN CRUSH	0	0	0.0%	150	290	-48.28%	0	830	-100.0%	1,011	782	29.3%
SOYBEAN MEAL	0	0	0.0%	275,162	184,940	48.78%	0	84,223	-100.0%	1,450,409	1,129,606	28.4%
SOYBEAN OIL	0	0	0.0%	391,726	111,393	251.66%	0	106,072	-100.0%	1,988,970	926,998	114.6%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	3,080	0	0.00%	0	335	-100.0%	10,101	545	1,753.4%
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%	1,510	522	189.27%	0	16	-100.0%	5,323	3,380	57.5%
WHEAT-CORN ICSCO	0	0	0.0%	0	20	-100.00%	0	70	-100.0%	831	1,730	-52.0%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	311	1,205	-74.19%	0	1,251	-100.0%	1,802	3,131	-42.4%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	427,596	0	0.0%	138,297,630	95,866,832	44.3%	2,464,971	3,232,304	-23.7%	888,756,805	921,576,771	-3.6%
Equity Index Futures	0	0	0.0%	85,889,685	123,182,519	-30.3%	0	33,712	-100.0%	598,793,902	645,173,317	-7.2%
Metals Futures	0	0	0.0%	11,211,727	10,414,580	7.7%	0	0	0.0%	68,474,884	75,404,552	-9.2%
Energy Futures	0	0	0.0%	37,533,101	36,980,235	1.5%	0	0	0.0%	226,819,202	308,231,037	-26.4%
FX Futures	0	0	0.0%	19,240,651	19,661,057	-2.1%	0	36	-100.0%	95,312,805	105,800,434	-9.9%
Ags Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	4	85	-95.3%
Foreign Exchange Futures	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Ag Products Futures	0	0	0.0%	28,996,859	27,712,902	4.6%	0	52,661	-100.0%	147,697,796	144,760,916	2.0%
<b>TOTAL FUTURES</b>	<b>427,596</b>	<b>0</b>	<b>0.0%</b>	<b>321,169,653</b>	<b>313,818,125</b>	<b>2.3%</b>	<b>2,464,971</b>	<b>3,318,713</b>	<b>-25.7%</b>	<b>2,025,855,398</b>	<b>2,200,947,112</b>	<b>-8.0%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	12,628,728	15,192,709	-16.9%	0	1,658,011	-100.0%	77,687,722	100,097,175	-22.4%
Interest Rate Options	14,987,394	0	0.0%	27,721,413	27,507,063	0.8%	79,601,667	73,045,459	9.0%	160,131,253	229,782,387	-30.3%
Metals Options	0	0	0.0%	1,026,025	864,044	18.7%	0	0	0.0%	5,964,485	8,052,909	-25.9%
Energy Options	0	0	0.0%	3,395,453	2,852,410	19.0%	0	0	0.0%	18,004,284	24,384,706	-26.2%
FX Options	0	0	0.0%	757,656	852,766	-11.2%	0	4,673	-100.0%	3,962,855	5,866,547	-32.4%
Ag Products Options	0	0	0.0%	7,422,467	4,643,271	59.9%	0	1,407,841	-100.0%	40,015,029	25,462,208	57.2%
Foreign Exchange Options	0	0	0.0%	92	681	-86.5%	0	0	0.0%	3,518	5,865	-40.0%
<b>TOTAL OPTIONS</b>	<b>14,987,394</b>	<b>0</b>	<b>0.0%</b>	<b>52,951,834</b>	<b>51,912,944</b>	<b>2.0%</b>	<b>79,601,667</b>	<b>76,115,984</b>	<b>4.6%</b>	<b>305,769,146</b>	<b>393,651,797</b>	<b>-22.3%</b>

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUN 2021	Open Outcry JUN 2020	% CHG	ELEC JUN 2021	ELEC JUN 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
<b>TOTAL COMBINED</b>												
Interest Rate	15,414,990	0	0.0%	166,019,043	123,373,895	34.6%	82,066,638	76,277,763	7.6%	1,048,888,058	1,151,359,158	-8.9%
Equity Index	0	0	0.0%	98,518,413	138,375,228	-28.8%	0	1,691,723	-100.0%	676,481,624	745,270,492	-9.2%
Metals	0	0	0.0%	12,237,752	11,278,624	8.5%	0	0	0.0%	74,439,369	83,457,461	-10.8%
Energy	0	0	0.0%	40,928,554	39,832,645	2.8%	0	0	0.0%	244,823,486	332,615,743	-26.4%
FX	0	0	0.0%	19,998,307	20,513,823	-2.5%	0	4,709	-100.0%	99,275,660	111,666,981	-11.1%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	4	85	-95.3%
Foreign Exchange	0	0	0.0%	92	681	-86.5%	0	0	0.0%	3,518	5,865	-40.0%
Ag Products	0	0	0.0%	36,419,326	32,356,173	12.6%	0	1,460,502	-100.0%	187,712,825	170,223,124	10.3%
<b>GRAND TOTAL</b>	<b>15,414,990</b>	<b>0</b>	<b>0.0%</b>	<b>374,121,487</b>	<b>365,731,069</b>	<b>2.3%</b>	<b>82,066,638</b>	<b>79,434,697</b>	<b>3.3%</b>	<b>2,331,624,544</b>	<b>2,594,598,909</b>	<b>-10.1%</b>

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