



CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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%	46,900,995	34,661,027	35.31%	0	469,469	-100.0%	207,601,729	204,352,200	1.6%
10-YR SWAP RATE	0	0	0.0%	33,705	30,343	11.08%	0	0	0.0%	300,102	258,977	15.9%
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	108	-100.00%	0	0	0.0%	0	462	-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%	13,124,919	13,581,183	-3.36%	0	261	-100.0%	45,632,198	71,291,199	-36.0%
2-YR SWAP RATE	0	0	0.0%	80,533	1,251	6,337.49%	0	0	0.0%	407,670	68,922	491.5%
30-YR BOND	0	0	0.0%	11,515,482	7,861,920	46.47%	0	55,491	-100.0%	50,659,625	41,268,977	22.8%
30-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	659	-100.0%
3-YR NOTE	0	-	-	180,496	-		0	-	-	869,404	-	-
3-YR SWAP RATE	0	0	0.0%	1,375	195	605.13%	0	0	0.0%	8,642	16,777	-48.5%
4-YR SWAP RATE	0	0	0.0%	1,528	523	192.16%	0	0	0.0%	5,234	6,364	-17.8%
5-YR NOTE	0	0	0.0%	29,356,649	24,780,937	18.46%	0	87,402	-100.0%	120,536,005	122,666,652	-1.7%
5-YR SWAP RATE	0	0	0.0%	38,569	47,461	-18.74%	0	0	0.0%	372,627	339,507	9.8%
7-YR SWAP RATE	0	0	0.0%	2,435	986	146.96%	0	0	0.0%	11,700	12,004	-2.5%
EURODOLLARS	324,122	0	0.0%	40,315,125	34,276,494	17.62%	2,037,375	2,619,681	-22.2%	239,473,585	290,689,913	-17.6%
FED FUND	0	0	0.0%	1,588,722	4,063,267	-60.90%	0	0	0.0%	9,297,330	38,609,851	-75.9%
SOFR	0	0	0.0%	2,283,266	604,009	278.02%	0	0	0.0%	11,221,046	4,455,871	151.8%
SONIA	0	0	0.0%	87,840	159,440	-44.91%	0	0	0.0%	642,219	682,947	-6.0%
TIIE	0	-	-	50	-		0	-	-	50	-	-
Ultra 10-Year Note	0	0	0.0%	9,844,419	6,160,434	59.80%	0	0	0.0%	38,884,447	28,890,182	34.6%
ULTRA T-BOND	0	0	0.0%	6,476,151	5,314,325	21.86%	0	0	0.0%	24,535,562	22,098,475	11.0%

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Interest Rate Options												
10-YR NOTE	0	0	0.0%	13,967,762	6,179,230	126.04%	0	8,489,760	-100.0%	69,644,278	57,632,943	20.8%
2-YR NOTE	0	0	0.0%	2,416	208,525	-98.84%	0	273,359	-100.0%	69,317	1,478,162	-95.3%
30-YR BOND	0	0	0.0%	2,095,967	1,626,827	28.84%	0	891,042	-100.0%	13,752,716	12,277,932	12.0%
5-YR NOTE	0	0	0.0%	2,514,220	2,532,037	-0.70%	0	2,424,616	-100.0%	15,452,168	18,078,360	-14.5%
EURODOLLARS	2,607,200	0	0.0%	1,396,962	10,838,610	-87.11%	13,897,621	48,129,596	-71.1%	7,185,212	86,523,600	-91.7%
EURO MIDCURVE	9,705,825	0	0.0%	4,197,137	5,777,159	-27.35%	50,713,552	12,810,071	295.9%	26,302,195	26,270,827	0.1%
FED FUND	0	0	0.0%	0	50	-100.00%	0	3,100	-100.0%	0	7,821	-100.0%
SOFR	1,100	0	0.0%	500	295	69.49%	3,100	10	30,900.0%	1,280	787	62.6%
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%	517	522	-0.96%	0	10,870	-100.0%	2,674	1,931	38.5%
Equity Index Futures												
BITCOIN FUTURES	0	0	0.0%	837,201	171,338	388.63%	0	0	0.0%	1,853,389	877,802	111.1%
DJ US REAL ESTATE	0	0	0.0%	19,688	21,622	-8.94%	0	0	0.0%	150,113	188,037	-20.2%
E-mini (\$5) Dow	0	0	0.0%	3,433,289	4,351,873	-21.11%	0	0	0.0%	18,788,747	28,441,430	-33.9%
E-MINI COM SERVICES SELEC	0	0	0.0%	2,410	1,182	103.89%	0	0	0.0%	13,141	10,502	25.1%
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%	0	0	0.00%	0	0	0.0%	0	0	0.0%
E-MINI MIDCAP	0	0	0.0%	211,311	222,856	-5.18%	0	0	0.0%	1,211,688	1,862,731	-35.0%
E-MINI NASDAQ 100	0	0	0.0%	10,501,741	9,122,924	15.11%	0	0	0.0%	57,749,944	63,101,171	-8.5%
E-MINI RUSSELL 1000	0	0	0.0%	3,808	1,225	210.86%	0	0	0.0%	15,311	20,465	-25.2%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,132	846	33.81%	0	0	0.0%	12,008	13,478	-10.9%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	3,235	2,658	21.71%	0	0	0.0%	40,612	24,052	68.9%
E-MINI RUSSELL 2000	0	0	0.0%	3,498,342	4,015,984	-12.89%	0	0	0.0%	20,307,678	21,574,245	-5.9%
E-MINI S&P500	0	0	0.0%	32,374,658	35,125,177	-7.83%	0	0	0.0%	171,346,027	233,808,187	-26.7%
E-MINI S&P500 ESG	0	0	0.0%	11,824	8,773	34.78%	0	0	0.0%	68,300	35,277	93.6%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	2,789	1,048	166.13%	0	0	0.0%	15,841	35,731	-55.7%
ETHER FUTURES	0	-	-	117,817	-		0	-	-	197,017	-	-
FT-SE 100	0	0	0.0%	4	0	0.00%	0	0	0.0%	8	0	0.0%
FTSE Emerging	0	0	0.0%	0	50	-100.00%	0	0	0.0%	5	4,420	-99.9%
IBOVESPA INDEX	0	0	0.0%	88	388	-77.32%	0	0	0.0%	1,043	3,106	-66.4%

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Equity Index Futures												
MICRO E-MINI NASDAQ 100	0	0	0.0%	20,783,449	13,122,727	58.38%	0	0	0.0%	105,899,406	58,897,221	79.8%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	2,939,895	2,250,246	30.65%	0	0	0.0%	17,134,486	9,007,132	90.2%
MICRO E-MINI S&P500	0	0	0.0%	18,620,138	19,684,699	-5.41%	0	0	0.0%	99,347,226	82,122,115	21.0%
MICRO MINI \$5 DOW	0	0	0.0%	2,432,864	2,571,390	-5.39%	0	0	0.0%	14,089,462	13,904,182	1.3%
NASDAQ-100 VOLATILITY	0	-	-	22	-		0	-	-	32	-	-
NASDAQ BIOTECH	0	0	0.0%	438	152	188.16%	0	0	0.0%	2,724	2,802	-2.8%
Nearby BTIC+	0	0	0.0%	0	0	0.00%	0	0	0.0%	104	200	-48.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	101,536	109,851	-7.57%	0	0	0.0%	646,542	1,219,039	-47.0%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	587,269	683,388	-14.07%	0	0	0.0%	3,233,213	6,124,978	-47.2%
S&P 500	0	0	0.0%	1,825	1,481	23.23%	0	33,712	-100.0%	11,379	16,643	-31.6%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	17,364	14,295	21.47%	0	0	0.0%	73,327	137,888	-46.8%
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%	60	2,059	-97.09%	0	0	0.0%	507	5,182	-90.2%
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%	7,346	2,490	195.02%	0	0	0.0%	55,209	35,941	53.6%
S&P CONSUMER STAPLES SE	0	0	0.0%	8,631	4,434	94.65%	0	0	0.0%	71,366	44,089	61.9%
S&P ENERGY SECTOR	0	0	0.0%	20,877	8,834	136.33%	0	0	0.0%	135,844	87,209	55.8%
S&P FINANCIAL SECTOR	0	0	0.0%	17,234	7,050	144.45%	0	0	0.0%	153,718	87,093	76.5%
S&P HEALTH CARE SECTOR	0	0	0.0%	9,490	5,566	70.50%	0	0	0.0%	63,852	66,359	-3.8%
S&P INDUSTRIAL SECTOR	0	0	0.0%	6,684	3,560	87.75%	0	0	0.0%	43,530	42,428	2.6%
S&P MATERIALS SECTOR	0	0	0.0%	5,388	2,173	147.95%	0	0	0.0%	40,056	23,522	70.3%
S&P TECHNOLOGY SECTOR	0	0	0.0%	7,934	3,234	145.33%	0	0	0.0%	54,843	52,009	5.4%
S&P UTILITIES SECTOR	0	0	0.0%	11,684	6,184	88.94%	0	0	0.0%	68,980	72,778	-5.2%
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	-	-	68	-		0	-	-	736	-	-
YEN DENOMINATED TOPIX	0	0	0.0%	964	5,082	-81.03%	0	0	0.0%	6,803	41,354	-83.5%

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Equity Index Options												
BITCOIN FUTURES	0	0	0.0%	1,153	1,631	-29.31%	0	0	0.0%	6,348	3,141	102.1%
E-mini (\$5) Dow	0	0	0.0%	1,808	2,923	-38.15%	0	0	0.0%	8,163	17,334	-52.9%
E-MINI NASDAQ 100	0	0	0.0%	583,656	247,300	136.01%	0	0	0.0%	2,590,906	1,681,012	54.1%
E-MINI RUSSELL 2000	0	0	0.0%	28,784	28,278	1.79%	0	0	0.0%	151,711	98,974	53.3%
E-MINI S&P500	0	0	0.0%	6,440,219	5,992,928	7.46%	0	250	-100.0%	28,336,594	42,194,900	-32.8%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	18,104	12,780	41.66%	0	0	0.0%	105,264	42,929	145.2%
EOM EMINI S&P	0	0	0.0%	1,863,656	1,669,716	11.62%	0	0	0.0%	9,167,289	11,871,854	-22.8%
EOM S&P 500	0	0	0.0%	40	0	0.00%	0	303,360	-100.0%	1,340	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	11,350	2,560	343.36%	0	0	0.0%	46,085	26,924	71.2%
EOW1 EMINI S&P 500	0	0	0.0%	1,318,055	533,087	147.25%	0	0	0.0%	4,720,811	5,579,537	-15.4%
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%	14,500	4,553	218.47%	0	0	0.0%	63,837	18,127	252.2%
EOW2 EMINI S&P 500	0	0	0.0%	1,579,751	724,745	117.97%	0	0	0.0%	5,438,847	5,421,580	0.3%
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%	25,655	11,701	119.25%	0	0	0.0%	135,035	103,564	30.4%
EOW3 EMINI S&P 500	0	0	0.0%	2,302,144	1,909,672	20.55%	0	0	0.0%	10,421,957	13,810,884	-24.5%
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%	519	5,049	-89.72%	0	0	0.0%	56,769	15,097	276.0%
EOW4 EMINI S&P 500	0	0	0.0%	63,853	942,634	-93.23%	0	0	0.0%	2,989,152	4,012,360	-25.5%
MICRO E-MINI NASDAQ 100	0	-	-	51,437	-	-	0	-	-	138,730	-	-
MICRO E-MINI S&P500	0	-	-	160,451	-	-	0	-	-	679,956	-	-
S&P 500	0	0	0.0%	0	1,960	-100.00%	0	677,812	-100.0%	200	6,249	-96.8%

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Metals Futures												
ALUMINUM	0	0	0.0%	14,421	1,914	653.45%	0	0	0.0%	38,459	13,982	175.1%
COBALT METAL FUTURES	0	-	-	0	-		0	-	-	12	-	-
COMEX COPPER	0	0	0.0%	2,182,428	1,246,145	75.13%	0	0	0.0%	11,636,959	10,166,446	14.5%
COMEX E-Mini GOLD	0	0	0.0%	20,363	23,456	-13.19%	0	0	0.0%	118,246	190,571	-38.0%
COMEX E-Mini SILVER	0	0	0.0%	5,330	3,818	39.60%	0	0	0.0%	39,310	22,331	76.0%
COMEX GOLD	0	0	0.0%	6,178,660	5,014,900	23.21%	0	0	0.0%	26,320,789	36,252,358	-27.4%
COMEX MINY COPPER	0	0	0.0%	4,900	312	1,470.51%	0	0	0.0%	19,374	2,581	650.6%
COMEX SILVER	0	0	0.0%	1,484,756	1,191,143	24.65%	0	0	0.0%	9,328,148	9,118,283	2.3%
COPPER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	620	1,176	-47.28%	0	0	0.0%	4,555	7,266	-37.3%
GOLD	0	0	0.0%	3,150	1,771	77.87%	0	0	0.0%	19,271	45,462	-57.6%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	117	0	0.00%	0	0	0.0%	813	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	15	-100.00%	0	0	0.0%	0	208	-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	-	-
MICRO GOLD	0	0	0.0%	1,185,691	1,376,735	-13.88%	0	0	0.0%	6,526,145	6,462,240	1.0%
NYMEX HOT ROLLED STEEL	0	0	0.0%	3,666	4,311	-14.96%	0	0	0.0%	25,624	29,448	-13.0%
NYMEX PLATINUM	0	0	0.0%	293,008	233,094	25.70%	0	0	0.0%	1,703,917	2,039,780	-16.5%
PALLADIUM	0	0	0.0%	62,862	37,375	68.19%	0	0	0.0%	240,653	393,264	-38.8%
SILVER	0	0	0.0%	201,252	60,934	230.28%	0	0	0.0%	1,240,418	245,716	404.8%
URANIUM	0	0	0.0%	460	1	45,900.00%	0	0	0.0%	460	36	1,177.8%

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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%	52,828	5,874	799.35%	0	0	0.0%	195,292	186,579	4.7%
COMEX GOLD	0	0	0.0%	575,283	565,799	1.68%	0	0	0.0%	3,110,962	5,280,993	-41.1%
COMEX SILVER	0	0	0.0%	126,227	129,307	-2.38%	0	0	0.0%	795,186	906,326	-12.3%
COPPER	0	0	0.0%	23	0	0.00%	0	0	0.0%	90	2,663	-96.6%
GOLD	0	0	0.0%	164,372	81,534	101.60%	0	0	0.0%	795,777	755,680	5.3%
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%	467	60	678.33%	0	0	0.0%	2,458	2,837	-13.4%
PALLADIUM	0	0	0.0%	146	20	630.00%	0	0	0.0%	594	1,334	-55.5%
SILVER	0	0	0.0%	8,399	3,044	175.92%	0	0	0.0%	38,101	52,453	-27.4%
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%	1,596,336	2,003,100	-20.31%	0	0	0.0%	10,588,253	14,579,473	-27.4%
CAR VINTAGE	0	-	-	37	-		0	-	-	161	-	-
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 MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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												
CHICAGO ETHANOL SWAP	0	0	0.0%	127	8	1,487.50%	0	0	0.0%	752	170	342.4%
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	-	-
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%	18,718,523	20,848,301	-10.22%	0	0	0.0%	102,997,925	152,416,705	-32.4%
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%	61,004	23,302	161.80%	0	0	0.0%	265,551	162,982	62.9%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	6	-100.0%
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 MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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												
ELECTRICITY OFF PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL	0	0	0.0%	84	1,118	-92.49%	0	0	0.0%	228	11,124	-98.0%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL T2 FOB ROTT INCL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO 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%	98	0	0.00%	0	0	0.0%	244	284	-14.1%
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 MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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												
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	222	-100.00%	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 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%	2,694,782	3,182,749	-15.33%	0	0	0.0%	14,805,600	20,986,756	-29.5%
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

	Open Outcry MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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												
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%	192,452	167,267	15.06%	0	0	0.0%	997,318	842,311	18.4%
MARS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI TRD M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS BLEND CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	1,772	909	94.94%	0	0	0.0%	14,163	4,967	185.1%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	51	15	240.00%	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	1	400.00%	0	0	0.0%	33	21	57.1%
MINY NATURAL GAS	0	0	0.0%	63,513	175,779	-63.87%	0	0	0.0%	541,736	463,294	16.9%
MINY RBOB GAS	0	0	0.0%	8	10	-20.00%	0	0	0.0%	44	38	15.8%
MINY WTI CRUDE OIL	0	0	0.0%	398,757	622,263	-35.92%	0	0	0.0%	1,992,754	4,817,032	-58.6%
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%	25	0	0.00%	0	0	0.0%	140	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%	21	36	-41.67%	0	0	0.0%	57	102	-44.1%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NAT GAS BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NATURAL GAS	0	0	0.0%	31,145	37,172	-16.21%	0	0	0.0%	189,557	250,563	-24.3%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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%	40	0	0.00%	0	0	0.0%	88	0	0.0%
NATURAL GAS PHY	0	0	0.0%	5,821,007	9,671,656	-39.81%	0	0	0.0%	37,689,891	55,420,530	-32.0%
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	0	0.00%	0	0	0.0%	16	16	0.0%
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 MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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 MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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%	3,767,645	3,108,618	21.20%	0	0	0.0%	19,198,921	21,283,313	-9.8%
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 MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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	70	-100.00%	0	0	0.0%	2,485	1,594	55.9%
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%	2,949	1,685	75.01%	0	0	0.0%	17,944	108,329	-83.4%
COAL API2 INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	2,200	11,075	-80.14%	0	0	0.0%	42,180	53,271	-20.8%
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%	1,549,500	1,378,538	12.40%	0	0	0.0%	8,840,119	13,725,291	-35.6%
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%	1,630	898	81.51%	0	0	0.0%	7,885	22,266	-64.6%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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 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%	0	0	0.00%	0	0	0.0%	4,250	2,401	77.0%
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	0	0.00%	0	0	0.0%	100	0	0.0%
NATURAL GAS 5 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 6 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS OPTION ON CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS PHY	0	0	0.0%	906,231	1,226,083	-26.09%	0	0	0.0%	5,677,593	7,595,437	-25.2%
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%	97	37	162.16%	0	0	0.0%	385	529	-27.2%
PETROCHEMICALS	0	0	0.0%	15	0	0.00%	0	0	0.0%	44	11	300.0%
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%	2,307	1,230	87.56%	0	0	0.0%	11,291	14,628	-22.8%
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%	200	1,110	-81.98%	0	0	0.0%	6,100	10,110	-39.7%
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

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FX Futures												
AD/CD CROSS RATES	0	0	0.0%	84	30	180.00%	0	0	0.0%	128	75	70.7%
AD/JY CROSS RATES	0	0	0.0%	1,715	2,269	-24.42%	0	0	0.0%	10,627	13,768	-22.8%
AD/NE CROSS RATES	0	0	0.0%	117	96	21.88%	0	0	0.0%	791	1,777	-55.5%
AUSTRALIAN DOLLAR	0	0	0.0%	1,742,671	1,727,068	0.90%	0	0	0.0%	10,531,487	10,854,593	-3.0%
BP/JY CROSS RATES	0	0	0.0%	1,986	4,461	-55.48%	0	0	0.0%	10,700	18,588	-42.4%
BP/SF CROSS RATES	0	0	0.0%	321	285	12.63%	0	0	0.0%	2,684	2,344	14.5%
BRAZIL REAL	0	0	0.0%	221,796	153,375	44.61%	0	0	0.0%	1,093,906	923,385	18.5%
BRITISH POUND	0	0	0.0%	1,785,172	1,632,093	9.38%	0	0	0.0%	9,192,681	10,698,395	-14.1%
CANADIAN DOLLAR	0	0	0.0%	1,423,367	1,115,676	27.58%	0	0	0.0%	7,889,139	8,334,674	-5.3%
CD/JY CROSS RATES	0	0	0.0%	8	80	-90.00%	0	0	0.0%	552	304	81.6%
CHINESE RENMINBI (CNH)	0	0	0.0%	17,103	16,062	6.48%	0	0	0.0%	75,929	93,734	-19.0%
CZECK KORUNA (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	14	-85.7%
CZECK KORUNA (US)	0	-	-	0	-		0	-	-	3	-	-
EC/AD CROSS RATES	0	0	0.0%	2,313	2,466	-6.20%	0	0	0.0%	20,331	31,813	-36.1%
EC/CD CROSS RATES	0	0	0.0%	3,419	1,523	124.49%	0	0	0.0%	27,977	19,826	41.1%
EC/NOK CROSS RATES	0	0	0.0%	174	50	248.00%	0	0	0.0%	2,529	1,291	95.9%
EC/SEK CROSS RATES	0	0	0.0%	321	96	234.38%	0	0	0.0%	2,704	2,905	-6.9%
EFX/BP CROSS RATES	0	0	0.0%	22,409	35,726	-37.28%	0	0	0.0%	231,691	359,709	-35.6%
EFX/JY CROSS RATES	0	0	0.0%	19,485	28,289	-31.12%	0	0	0.0%	148,956	322,399	-53.8%
EFX/SF CROSS RATES	0	0	0.0%	11,432	37,284	-69.34%	0	0	0.0%	90,838	215,631	-57.9%
E-MINI EURO FX	0	0	0.0%	96,782	131,896	-26.62%	0	0	0.0%	665,175	711,503	-6.5%
E-MINI JAPANESE YEN	0	0	0.0%	6,471	13,191	-50.94%	0	0	0.0%	46,887	145,251	-67.7%
EURO FX	0	0	0.0%	3,265,220	3,029,687	7.77%	0	36	-100.0%	19,563,894	21,825,601	-10.4%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	8	-100.00%	0	0	0.0%	0	8	-100.0%
HUNGARIAN FORINT (US)	0	0	0.0%	11	4	175.00%	0	0	0.0%	72	61	18.0%
INDIAN RUPEE	0	0	0.0%	9,368	17,811	-47.40%	0	0	0.0%	73,133	131,905	-44.6%
JAPANESE YEN	0	0	0.0%	1,960,285	1,463,267	33.97%	0	0	0.0%	10,573,635	14,343,892	-26.3%
KOREAN WON	0	0	0.0%	1,415	718	97.08%	0	0	0.0%	9,147	2,973	207.7%
MEXICAN PESO	0	0	0.0%	866,691	774,998	11.83%	0	0	0.0%	5,254,259	6,200,541	-15.3%
MICRO AUD/USD	0	0	0.0%	183,154	260,096	-29.58%	0	0	0.0%	1,177,672	1,088,312	8.2%
MICRO CAD/USD	0	0	0.0%	56,424	23,865	136.43%	0	0	0.0%	246,238	123,956	98.6%
MICRO CHF/USD	0	0	0.0%	7,890	1,832	330.68%	0	0	0.0%	46,594	16,972	174.5%
MICRO EUR/USD	0	0	0.0%	401,240	388,084	3.39%	0	0	0.0%	2,545,213	1,922,759	32.4%
MICRO GBP/USD	0	0	0.0%	67,459	65,290	3.32%	0	0	0.0%	347,990	257,962	34.9%

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FX Futures												
MICRO INR/USD	0	0	0.0%	1,659	1,557	6.55%	0	0	0.0%	10,909	12,974	-15.9%
MICRO JPY/USD	0	0	0.0%	31,430	18,876	66.51%	0	0	0.0%	153,179	160,096	-4.3%
MICRO USD/CNH	0	-	-	13	-		0	-	-	20	-	-
NEW ZEALND DOLLAR	0	0	0.0%	492,788	500,759	-1.59%	0	0	0.0%	2,973,456	3,130,264	-5.0%
NKR/USD CROSS RATE	0	0	0.0%	3,282	2,572	27.60%	0	0	0.0%	21,894	27,418	-20.1%
POLISH ZLOTY (EC)	0	0	0.0%	24	1	2,300.00%	0	0	0.0%	586	168	248.8%
POLISH ZLOTY (US)	0	0	0.0%	174	344	-49.42%	0	0	0.0%	4,397	2,931	50.0%
RMB USD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	3	-100.0%
RUSSIAN RUBLE	0	0	0.0%	56,344	84,873	-33.61%	0	0	0.0%	445,027	585,290	-24.0%
S.AFRICAN RAND	0	0	0.0%	48,322	69,613	-30.58%	0	0	0.0%	247,888	366,205	-32.3%
SF/JY CROSS RATES	0	0	0.0%	16	8	100.00%	0	0	0.0%	130	165	-21.2%
SHEKEL	0	0	0.0%	1	0	0.00%	0	0	0.0%	12	90	-86.7%
SKR/USD CROSS RATES	0	0	0.0%	3,406	2,186	55.81%	0	0	0.0%	20,444	18,877	8.3%
SWISS FRANC	0	0	0.0%	410,495	389,273	5.45%	0	0	0.0%	2,310,591	3,167,957	-27.1%
TURKISH LIRA	0	0	0.0%	0	5	-100.00%	0	0	0.0%	8	18	-55.6%
USDZAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	49	0	0.0%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	97	874	-88.90%	0	0	0.0%	2,036	1,951	4.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	209	596	-64.93%	0	0	0.0%	1,740	1,027	69.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	103	397	-74.06%	0	0	0.0%	1,945	806	141.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	287	0	0.00%	0	0	0.0%	2,139	180	1,088.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	23	103	-77.7%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	34,194	82,442	-58.52%	0	0	0.0%	214,714	470,718	-54.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	138	-100.00%	0	0	0.0%	958	3,153	-69.6%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,968	1,797	9.52%	0	0	0.0%	8,560	26,972	-68.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,796	3,856	-27.49%	0	0	0.0%	12,916	22,858	-43.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,011	4,708	-57.29%	0	0	0.0%	16,222	23,991	-32.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	4,783	-100.00%	0	0	0.0%	3,069	10,547	-70.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	2,465	2,432	1.36%	0	0	0.0%	6,549	8,406	-22.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	767	2,596	-70.45%	0	0	0.0%	3,961	8,067	-50.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	210	869	-75.83%	0	0	0.0%	2,332	6,070	-61.6%

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FX Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,074	1,487	-27.77%	0	0	0.0%	5,572	9,380	-40.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	564	3,619	-84.4%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	147	234	-37.18%	0	0	0.0%	1,773	340	421.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	695	1,144	-39.25%	0	0	0.0%	4,219	1,650	155.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	2,338	1	233,700.00%	0	0	0.0%	4,977	102	4,779.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	255	229	11.35%	0	0	0.0%	1,516	620	144.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,563	0	0.00%	0	0	0.0%	3,591	246	1,359.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	612	102	500.0%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	62,963	49,505	27.19%	0	430	-100.0%	261,295	272,298	-4.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	65	-100.00%	0	0	0.0%	6,368	6,030	5.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	7,432	1,641	352.89%	0	0	0.0%	19,202	30,541	-37.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,462	6,718	-3.81%	0	0	0.0%	29,519	32,725	-9.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,792	7,678	-24.56%	0	0	0.0%	32,529	36,719	-11.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	7,653	-100.00%	0	0	0.0%	9,870	19,083	-48.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,175	4,087	-71.25%	0	0	0.0%	5,088	11,207	-54.6%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,271	2,065	-38.45%	0	0	0.0%	6,181	10,688	-42.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	3,011	1,360	121.40%	0	0	0.0%	7,309	9,853	-25.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,188	4,500	-73.60%	0	0	0.0%	4,817	14,146	-65.9%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,221	5,417	-77.5%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	6,491	2,837	128.80%	0	0	0.0%	23,849	18,695	27.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	56	37	51.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	786	172	356.98%	0	0	0.0%	1,458	831	75.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	17	2	750.00%	0	0	0.0%	1,171	692	69.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	24	227	-89.43%	0	0	0.0%	1,901	742	156.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	11	-100.00%	0	0	0.0%	22	853	-97.4%
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%	624	1,212	-48.51%	0	0	0.0%	6,144	3,207	91.6%
EUR/USD MONDAY OPTION W	0	0	0.0%	4,826	907	432.08%	0	0	0.0%	9,626	2,279	322.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,457	1,184	107.52%	0	0	0.0%	3,691	3,262	13.2%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,412	1,779	-20.63%	0	0	0.0%	9,622	3,542	171.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,587	1,609	-1.4%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	166,948	206,466	-19.14%	0	1,550	-100.0%	988,796	1,648,110	-40.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	491	-100.00%	0	0	0.0%	11,898	11,073	7.5%

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	Open Outcry MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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 WKLY FRIDAY OPTIC	0	0	0.0%	30,769	4,918	525.64%	0	62	-100.0%	69,132	103,544	-33.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	17,381	17,153	1.33%	0	0	0.0%	97,222	112,951	-13.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	22,802	18,989	20.08%	0	0	0.0%	86,418	117,974	-26.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	17,480	-100.00%	0	0	0.0%	33,497	40,757	-17.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,212	8,747	-17.55%	0	0	0.0%	33,018	46,215	-28.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,178	5,380	33.42%	0	0	0.0%	34,374	43,564	-21.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,999	4,420	13.10%	0	0	0.0%	34,515	38,392	-10.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,683	4,829	38.39%	0	0	0.0%	40,520	37,786	7.2%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	5,639	14,285	-60.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	52	1,479	-96.48%	0	0	0.0%	1,240	2,273	-45.4%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,221	872	40.02%	0	0	0.0%	2,902	1,339	116.7%
GBP/USD MONDAY OPTION W	0	0	0.0%	101	1,678	-93.98%	0	0	0.0%	1,204	2,207	-45.4%
GBP/USD MONDAY OPTION W	0	0	0.0%	50	1,633	-96.94%	0	0	0.0%	542	2,555	-78.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	400	401	-0.2%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	79,955	65,388	22.28%	0	64	-100.0%	374,940	448,436	-16.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	12	-100.00%	0	0	0.0%	1,768	3,267	-45.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,255	2,811	15.80%	0	0	0.0%	11,738	19,015	-38.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,015	4,606	-56.25%	0	0	0.0%	12,184	16,988	-28.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,719	4,705	-20.96%	0	0	0.0%	15,146	20,899	-27.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,233	-100.00%	0	0	0.0%	3,486	7,929	-56.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,164	2,174	-0.46%	0	0	0.0%	6,614	11,486	-42.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	344	2,156	-84.04%	0	0	0.0%	3,729	5,848	-36.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	450	1,868	-75.91%	0	0	0.0%	3,170	8,975	-64.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	888	4,383	-79.74%	0	0	0.0%	5,385	8,958	-39.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,655	5,190	-68.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	346	211	63.98%	0	0	0.0%	1,983	2,479	-20.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	776	1,760	-55.91%	0	0	0.0%	1,851	2,969	-37.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	241	552	-56.34%	0	0	0.0%	1,078	1,592	-32.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	364	0	0.00%	0	0	0.0%	881	1,235	-28.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.00%	0	0	0.0%	313	152	105.9%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	68,166	72,261	-5.67%	0	727	-100.0%	380,073	768,901	-50.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	5	-100.00%	0	0	0.0%	8,167	5,689	43.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	9,197	2,488	269.65%	0	0	0.0%	26,291	61,318	-57.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,878	11,518	-48.97%	0	0	0.0%	42,792	76,109	-43.8%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	9,754	11,493	-15.13%	0	0	0.0%	40,303	64,526	-37.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	9,449	-100.00%	0	0	0.0%	16,475	25,863	-36.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,025	3,602	-43.78%	0	0	0.0%	11,591	31,974	-63.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,126	1,766	77.01%	0	0	0.0%	14,325	22,525	-36.4%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,448	2,792	23.50%	0	0	0.0%	12,425	29,395	-57.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,936	4,384	-33.03%	0	0	0.0%	13,628	33,783	-59.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,493	6,294	-60.4%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	2,670	1,273	109.74%	0	1,840	-100.0%	5,680	7,459	-23.9%
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%	344	0	0.00%	0	0	0.0%	344	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	59	1	5,800.00%	0	0	0.0%	59	2	2,850.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	193	225	-14.22%	0	0	0.0%	193	810	-76.2%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	93	-100.00%	0	0	0.0%	0	143	-100.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	248	6	4,033.33%	0	0	0.0%	540	4,357	-87.6%
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	-	-
Ags Futures												
FERTILIZER PRODUCS	0	0	0.0%	0	10	-100.00%	0	0	0.0%	4	85	-95.3%
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 MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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%	633	1,468	-56.88%	0	0	0.0%	3,426	5,184	-33.9%
Ag Products Futures												
BUTTER CS	0	0	0.0%	3,702	4,132	-10.41%	0	0	0.0%	20,836	34,408	-39.4%
CASH-SETTLED CHEESE	0	0	0.0%	11,229	12,743	-11.88%	0	0	0.0%	61,718	73,089	-15.6%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,175,015	1,497,201	-21.52%	0	2,592	-100.0%	6,103,572	7,947,943	-23.2%
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%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHI WHEAT	0	0	0.0%	2,171,743	1,859,063	16.82%	0	12,092	-100.0%	13,155,516	13,756,254	-4.4%
CLASS IV MILK	0	0	0.0%	764	1,960	-61.02%	0	65	-100.0%	3,206	15,907	-79.8%
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%	7,700,652	4,395,186	75.21%	0	18,145	-100.0%	39,948,449	33,884,294	17.9%
COTTON	0	0	0.0%	0	8	-100.00%	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%	38,746	6,213	523.63%	0	0	0.0%	216,721	135,411	60.0%
DRY WHEY	0	0	0.0%	2,702	990	172.93%	0	0	0.0%	12,470	8,056	54.8%
FEEDER CATTLE	0	0	0.0%	201,385	181,226	11.12%	0	54	-100.0%	1,205,713	1,443,791	-16.5%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	9,445	14,026	-32.66%	0	0	0.0%	58,753	88,960	-34.0%
GSCI EXCESS RETURN FUT	0	0	0.0%	26	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%	1,043,499	995,195	4.85%	0	1,940	-100.0%	4,730,246	5,891,962	-19.7%
HOUSING INDEX	0	0	0.0%	11	12	-8.33%	0	0	0.0%	62	195	-68.2%
Intercommodity Spread	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
KC WHEAT	0	0	0.0%	965,184	767,538	25.75%	0	1,534	-100.0%	5,369,654	5,752,362	-6.7%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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												
LUMBER	0	0	0.0%	12,601	7,353	71.37%	0	0	0.0%	50,477	62,286	-19.0%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	22,218	38,908	-42.90%	0	59	-100.0%	119,297	173,436	-31.2%
MINI CORN	0	0	0.0%	114,615	16,953	576.08%	0	0	0.0%	371,638	96,185	286.4%
MINI SOYBEAN	0	0	0.0%	62,298	18,970	228.40%	0	0	0.0%	344,590	124,954	175.8%
MINI WHEAT	0	0	0.0%	23,199	13,890	67.02%	0	0	0.0%	101,485	64,667	56.9%
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%	5,423	5,692	-4.73%	0	0	0.0%	29,538	51,109	-42.2%
OATS	0	0	0.0%	9,627	10,009	-3.82%	0	0	0.0%	47,232	58,546	-19.3%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PORK CUTOUT	0	-	-	1,962	-		0	-	-	17,650	-	-
ROUGH RICE	0	0	0.0%	13,084	11,049	18.42%	0	0	0.0%	78,022	121,631	-35.9%
SOYBEAN	0	0	0.0%	3,624,549	3,130,756	15.77%	0	10,769	-100.0%	23,092,631	21,552,393	7.1%
SOYBEAN MEAL	0	0	0.0%	1,848,129	1,421,801	29.99%	0	1,333	-100.0%	10,168,535	11,871,826	-14.3%
SOYBEAN OIL	0	0	0.0%	2,235,753	1,735,490	28.83%	0	4,078	-100.0%	13,378,867	13,835,888	-3.3%
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SUGAR 11	0	0	0.0%	0	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%	3,621	791	357.77%	0	0	0.0%	13,934	2,369	488.2%
Ag Products Options												
AUG-NOV SOYBEAN CAL SPR	0	-	-	0	-		0	-	-	0	-	-
BUTTER CS	0	0	0.0%	1,113	3,797	-70.69%	0	212	-100.0%	11,876	20,907	-43.2%
CASH-SETTLED CHEESE	0	0	0.0%	5,819	9,785	-40.53%	0	7,734	-100.0%	42,503	57,416	-26.0%
CATTLE	0	0	0.0%	160,305	271,175	-40.89%	0	59,913	-100.0%	964,892	1,331,185	-27.5%
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%	461,326	493,610	-6.54%	0	202,275	-100.0%	2,378,179	3,053,411	-22.1%
CLASS IV MILK	0	0	0.0%	3,303	3,606	-8.40%	0	1,082	-100.0%	15,468	33,680	-54.1%
CORN	0	0	0.0%	4,091,977	1,270,646	222.04%	0	536,597	-100.0%	16,065,306	7,449,364	115.7%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	18,803	815	2,207.12%	0	14,975	-100.0%	50,098	5,165	870.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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												
DEC-DEC CORN CAL SPRD	0	0	0.0%	1,030	46	2,139.13%	0	250	-100.0%	1,230	774	58.9%
DEC-JULY CORN CAL SPRD	0	0	0.0%	100	51	96.08%	0	175	-100.0%	100	51	96.1%
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%	184	613	-69.98%	0	119	-100.0%	1,418	3,187	-55.5%
FEEDER CATTLE	0	0	0.0%	23,787	23,128	2.85%	0	4,252	-100.0%	108,627	152,973	-29.0%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	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%	211,098	222,230	-5.01%	0	34,430	-100.0%	929,113	1,559,761	-40.4%
HOUSING INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Intercommodity Spread	0	0	0.0%	1	45	-97.78%	0	7,987	-100.0%	269	313	-14.1%
JAN-MAR SOYBEAN CSO	0	-	-	0	-		0	-	-	0	-	-
JULY-DEC CORN CAL SPRD	0	0	0.0%	6,080	615	888.62%	0	11,810	-100.0%	25,565	5,125	398.8%
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	356	-100.00%	0	1,520	-100.0%	100	1,721	-94.2%
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%	50	820	-93.90%	0	4,950	-100.0%	1,477	2,422	-39.0%
KC WHEAT	0	0	0.0%	52,339	74,256	-29.52%	0	36,570	-100.0%	274,573	460,862	-40.4%
LUMBER	0	0	0.0%	1,074	249	331.33%	0	0	0.0%	4,226	5,004	-15.5%
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%	15,651	60,498	-74.13%	0	3,323	-100.0%	132,525	249,644	-46.9%
MLK MID OPTIONS	0	0	0.0%	2	4	-50.00%	0	31	-100.0%	11	17	-35.3%
NFD MILK	0	0	0.0%	4,573	3,069	49.01%	0	494	-100.0%	20,162	43,663	-53.8%
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	50	-100.00%	0	100	-100.0%	0	800	-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%	203	87	133.33%	0	720	-100.0%	658	773	-14.9%
PORK CUTOUT	0	-	-	88	-		0	-	-	718	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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												
ROUGH RICE	0	0	0.0%	1,241	2,989	-58.48%	0	6,492	-100.0%	2,766	9,591	-71.2%
SOYBEAN	0	0	0.0%	1,801,893	772,724	133.19%	0	275,778	-100.0%	8,774,194	4,603,256	90.6%
SOYBEAN CRUSH	0	0	0.0%	0	145	-100.00%	0	830	-100.0%	861	492	75.0%
SOYBEAN MEAL	0	0	0.0%	255,011	122,200	108.68%	0	84,223	-100.0%	1,175,247	944,666	24.4%
SOYBEAN OIL	0	0	0.0%	278,732	102,159	172.84%	0	106,072	-100.0%	1,597,244	815,605	95.8%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	200	0	0.00%	0	335	-100.0%	7,021	545	1,188.3%
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%	526	265	98.49%	0	16	-100.0%	3,813	2,858	33.4%
WHEAT-CORN ICSD	0	0	0.0%	218	600	-63.67%	0	70	-100.0%	831	1,710	-51.4%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	0	1,000	-100.00%	0	1,251	-100.0%	1,491	1,926	-22.6%
TOTAL FUTURES GROUP												
Interest Rate Futures	324,122	0	0.0%	161,832,259	131,543,903	23.0%	2,037,375	3,232,304	-37.0%	750,459,175	825,709,939	-9.1%
Equity Index Futures	0	0	0.0%	96,600,497	91,536,839	5.5%	0	33,712	-100.0%	512,904,217	521,990,798	-1.7%
Metals Futures	0	0	0.0%	11,641,684	9,197,100	26.6%	0	0	0.0%	57,263,157	64,989,972	-11.9%
Energy Futures	0	0	0.0%	33,347,432	39,842,596	-16.3%	0	0	0.0%	189,286,101	271,250,802	-30.2%
FX Futures	0	0	0.0%	13,224,257	11,997,743	10.2%	0	36	-100.0%	76,072,154	86,139,377	-11.7%
Ags Futures	0	0	0.0%	0	10	-100.0%	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%	21,301,182	16,147,155	31.9%	0	52,661	-100.0%	118,700,937	117,048,014	1.4%
TOTAL FUTURES	324,122	0	0.0%	337,947,311	300,265,346	12.5%	2,037,375	3,318,713	-38.6%	1,704,685,745	1,887,128,987	-9.7%
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	14,465,135	12,091,517	19.6%	0	1,658,011	-100.0%	65,058,994	84,904,466	-23.4%
Interest Rate Options	12,314,125	0	0.0%	24,175,481	27,163,255	-11.0%	64,614,273	73,045,459	-11.5%	132,409,840	202,275,324	-34.5%
Metals Options	0	0	0.0%	927,745	785,638	18.1%	0	0	0.0%	4,938,460	7,188,865	-31.3%
Energy Options	0	0	0.0%	2,465,229	2,620,656	-5.9%	0	0	0.0%	14,608,831	21,532,296	-32.2%
FX Options	0	0	0.0%	625,067	709,936	-12.0%	0	4,673	-100.0%	3,205,199	5,013,781	-36.1%
Ag Products Options	0	0	0.0%	7,396,727	3,441,633	114.9%	0	1,407,841	-100.0%	32,592,562	20,818,937	56.6%
Foreign Exchange Options	0	0	0.0%	633	1,468	-56.9%	0	0	0.0%	3,426	5,184	-33.9%
TOTAL OPTIONS	12,314,125	0	0.0%	50,056,017	46,814,103	6.9%	64,614,273	76,115,984	-15.1%	252,817,312	341,738,853	-26.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 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 COMBINED												
Interest Rate	12,638,247	0	0.0%	186,007,740	158,707,158	17.2%	66,651,648	76,277,763	-12.6%	882,869,015	1,027,985,263	-14.1%
Equity Index	0	0	0.0%	111,065,632	103,628,356	7.2%	0	1,691,723	-100.0%	577,963,211	606,895,264	-4.8%
Metals	0	0	0.0%	12,569,429	9,982,738	25.9%	0	0	0.0%	62,201,617	72,178,837	-13.8%
Energy	0	0	0.0%	35,812,661	42,463,252	-15.7%	0	0	0.0%	203,894,932	292,783,098	-30.4%
FX	0	0	0.0%	13,849,324	12,707,679	9.0%	0	4,709	-100.0%	79,277,353	91,153,158	-13.0%
Ags	0	0	0.0%	0	10	-100.0%	0	0	0.0%	4	85	-95.3%
Foreign Exchange	0	0	0.0%	633	1,468	-56.9%	0	0	0.0%	3,426	5,184	-33.9%
Ag Products	0	0	0.0%	28,697,909	19,588,788	46.5%	0	1,460,502	-100.0%	151,293,499	137,866,951	9.7%
GRAND TOTAL	12,638,247	0	0.0%	388,003,328	347,079,449	11.8%	66,651,648	79,434,697	-16.1%	1,957,503,057	2,228,867,840	-12.2%

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