

## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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%	32,252,127	21,295,605	51.45%	0	469,469	-100.0%	347,041,715	304,279,988	14.1%
10-YR SWAP RATE	0	0	0.0%	95,503	90,741	5.25%	0	0	0.0%	517,181	419,296	23.3%
15-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
1-MONTH EURODOLLAR	0	0	0.0%	0	8	-100.00%	0	0	0.0%	0	826	-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%	5,299,748	4,318,485	22.72%	0	261	-100.0%	75,212,042	97,582,040	-22.9%
2-YR SWAP RATE	0	0	0.0%	59,478	3,647	1,530.87%	0	0	0.0%	723,080	80,997	792.7%
30-YR BOND	0	0	0.0%	8,316,054	5,962,584	39.47%	0	55,491	-100.0%	84,183,620	67,605,509	24.5%
30-YR SWAP RATE	0	0	0.0%	94	0	0.00%	0	0	0.0%	104	822	-87.3%
3-YR NOTE	0	0	0.0%	204,328	99,049	106.29%	0	0	0.0%	1,608,861	286,297	462.0%
3-YR SWAP RATE	0	0	0.0%	5,925	1,466	304.16%	0	0	0.0%	24,384	23,129	5.4%
4-YR SWAP RATE	0	0	0.0%	3,994	2,569	55.47%	0	0	0.0%	21,975	12,606	74.3%
5-YR NOTE	0	0	0.0%	17,596,427	10,656,943	65.12%	0	87,402	-100.0%	200,754,638	180,580,453	11.2%
5-YR SWAP RATE	0	0	0.0%	75,339	39,733	89.61%	0	0	0.0%	629,282	476,488	32.1%
7-YR SWAP RATE	0	0	0.0%	1,495	510	193.14%	0	0	0.0%	18,162	14,594	24.4%
EURODOLLARS	467,695	119,188	292.4%	43,041,936	27,180,906	58.35%	3,809,391	2,830,768	34.6%	428,429,573	403,290,035	6.2%
FED FUND	0	0	0.0%	1,659,164	1,778,657	-6.72%	0	0	0.0%	16,081,249	47,361,048	-66.0%
SOFR	0	0	0.0%	2,840,199	1,131,612	150.99%	0	0	0.0%	21,704,653	8,018,301	170.7%
SONIA	0	0	0.0%	20,755	189,924	-89.07%	0	0	0.0%	779,024	1,475,958	-47.2%
TIIE	0	-	-	292	-	-	0	-	-	739	-	-
Ultra 10-Year Note	0	0	0.0%	6,243,349	3,887,392	60.61%	0	0	0.0%	66,748,545	45,899,036	45.4%
ULTRA T-BOND	0	0	0.0%	3,408,030	2,775,744	22.78%	0	0	0.0%	41,106,007	36,197,570	13.6%

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<b>Interest Rate Options</b>												
10-YR NOTE	0	0	0.0%	12,499,172	6,532,095	91.35%	0	8,489,760	-100.0%	119,857,803	88,289,121	35.8%
2-YR NOTE	0	0	0.0%	2,107	23,166	-90.90%	0	273,359	-100.0%	111,234	1,716,787	-93.5%
30-YR BOND	0	0	0.0%	2,572,996	2,184,633	17.78%	0	891,042	-100.0%	24,303,076	21,120,982	15.1%
5-YR NOTE	0	0	0.0%	2,676,333	1,212,097	120.80%	0	2,424,616	-100.0%	27,532,263	24,345,102	13.1%
EURODOLLARS	2,219,835	1,968,619	12.8%	1,423,607	2,178,917	-34.66%	22,522,226	51,292,387	-56.1%	11,872,111	100,928,341	-88.2%
EURO MIDCURVE	9,140,071	2,037,095	348.7%	4,197,461	2,016,266	108.18%	94,030,658	16,353,574	475.0%	46,290,600	43,870,982	5.5%
FED FUND	0	0	0.0%	0	0	0.00%	0	3,100	-100.0%	0	7,821	-100.0%
SOFR	310	0	0.0%	0	0	0.00%	7,310	10	73,000.0%	1,402	1,012	38.5%
Ultra 10-Year Note	0	0	0.0%	0	0	0.00%	0	13,035	-100.0%	46	2,965	-98.4%
ULTRA T-BOND	0	0	0.0%	814	20	3,970.00%	0	10,870	-100.0%	5,984	2,671	124.0%
<b>Equity Index Futures</b>												
BITCOIN FUTURES	0	0	0.0%	593,358	201,375	194.65%	0	0	0.0%	4,037,818	1,580,405	155.5%
DJ US REAL ESTATE	0	0	0.0%	70,151	57,011	23.05%	0	0	0.0%	309,371	330,131	-6.3%
E-mini (\$5) Dow	0	0	0.0%	4,509,886	5,180,821	-12.95%	0	0	0.0%	32,938,639	47,539,259	-30.7%
E-MINI COM SERVICES SELEC	0	0	0.0%	6,012	6,208	-3.16%	0	0	0.0%	26,378	22,503	17.2%
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%	174	0	0.00%	0	0	0.0%	521	2	25,950.0%
E-MINI MIDCAP	0	0	0.0%	367,825	487,148	-24.49%	0	0	0.0%	2,316,238	3,396,792	-31.8%
E-MINI NASDAQ 100	0	0	0.0%	13,262,873	16,080,698	-17.52%	0	0	0.0%	102,486,243	112,544,837	-8.9%
E-MINI RUSSELL 1000	0	0	0.0%	9,489	7,202	31.76%	0	0	0.0%	40,630	34,126	19.1%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	8,399	5,653	48.58%	0	0	0.0%	29,187	28,265	3.3%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	14,667	12,937	13.37%	0	0	0.0%	74,996	55,327	35.6%
E-MINI RUSSELL 2000	0	0	0.0%	5,196,403	4,999,987	3.93%	0	0	0.0%	37,147,925	39,232,642	-5.3%
E-MINI S&P500	0	0	0.0%	41,675,276	49,923,266	-16.52%	0	0	0.0%	298,792,739	398,640,485	-25.0%
E-MINI S&P500 ESG	0	0	0.0%	22,742	3,195	611.80%	0	0	0.0%	120,342	54,044	122.7%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	11,069	5,832	89.80%	0	0	0.0%	40,502	48,730	-16.9%
ETHER FUTURES	0	-	-	130,506	-		0	-	-	560,335	-	-
FT-SE 100	0	0	0.0%	10	0	0.00%	0	0	0.0%	201	0	0.0%
FTSE Emerging	0	0	0.0%	0	45	-100.00%	0	0	0.0%	5	4,545	-99.9%
IBOVESPA INDEX	0	0	0.0%	215	147	46.26%	0	0	0.0%	1,854	4,094	-54.7%

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<b>Equity Index Futures</b>												
MICRO E-MINI NASDAQ 100	0	0	0.0%	19,222,879	22,193,044	-13.38%	0	0	0.0%	173,589,950	122,781,960	41.4%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	3,566,315	2,014,024	77.07%	0	0	0.0%	28,397,966	18,263,463	55.5%
MICRO E-MINI S&P500	0	0	0.0%	19,180,797	23,799,628	-19.41%	0	0	0.0%	160,724,114	168,087,271	-4.4%
MICRO MINI \$5 DOW	0	0	0.0%	3,346,391	2,696,020	24.12%	0	0	0.0%	24,016,595	24,631,749	-2.5%
NASDAQ-100 VOLATILITY	0	-	-	33	-		0	-	-	95	-	-
NASDAQ BIOTECH	0	0	0.0%	850	463	83.59%	0	0	0.0%	5,483	4,778	14.8%
Nearby BTIC+	0	0	0.0%	0	0	0.00%	0	0	0.0%	356	200	78.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	215,279	178,015	20.93%	0	0	0.0%	1,182,531	1,867,328	-36.7%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	932,062	855,293	8.98%	0	0	0.0%	5,910,751	9,138,499	-35.3%
S&P 500	0	0	0.0%	66	205	-67.80%	0	33,712	-100.0%	12,585	19,282	-34.7%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	9,474	18,225	-48.02%	0	0	0.0%	123,554	212,650	-41.9%
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	90	-55.56%	0	0	0.0%	764	8,304	-90.8%
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%	12,777	13,814	-7.51%	0	0	0.0%	87,423	63,572	37.5%
S&P CONSUMER STAPLES SE	0	0	0.0%	34,215	28,300	20.90%	0	0	0.0%	162,552	111,151	46.2%
S&P ENERGY SECTOR	0	0	0.0%	47,780	38,226	24.99%	0	0	0.0%	257,658	165,347	55.8%
S&P FINANCIAL SECTOR	0	0	0.0%	42,587	24,652	72.75%	0	0	0.0%	292,735	160,079	82.9%
S&P HEALTH CARE SECTOR	0	0	0.0%	32,063	21,229	51.03%	0	0	0.0%	140,218	116,561	20.3%
S&P INDUSTRIAL SECTOR	0	0	0.0%	15,595	18,045	-13.58%	0	0	0.0%	97,592	81,299	20.0%
S&P MATERIALS SECTOR	0	0	0.0%	13,723	8,319	64.96%	0	0	0.0%	80,800	45,501	77.6%
S&P TECHNOLOGY SECTOR	0	0	0.0%	24,976	22,962	8.77%	0	0	0.0%	112,410	98,137	14.5%
S&P UTILITIES SECTOR	0	0	0.0%	30,969	22,979	34.77%	0	0	0.0%	146,492	130,562	12.2%
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	-	-	19	-		0	-	-	944	-	-
YEN DENOMINATED TOPIX	0	0	0.0%	3,912	5,928	-34.01%	0	0	0.0%	17,622	64,567	-72.7%

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<b>Equity Index Options</b>												
BITCOIN FUTURES	0	0	0.0%	1,146	3,520	-67.44%	0	0	0.0%	10,185	10,888	-6.5%
E-mini (\$5) Dow	0	0	0.0%	2,514	2,420	3.88%	0	0	0.0%	13,800	28,713	-51.9%
E-MINI NASDAQ 100	0	0	0.0%	596,300	496,096	20.20%	0	0	0.0%	4,979,648	3,120,855	59.6%
E-MINI RUSSELL 2000	0	0	0.0%	28,635	17,983	59.23%	0	0	0.0%	256,498	160,725	59.6%
E-MINI S&P500	0	0	0.0%	8,928,815	6,659,244	34.08%	0	250	-100.0%	54,672,871	67,765,785	-19.3%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	19,273	7,833	146.05%	0	0	0.0%	182,701	77,024	137.2%
EOM EMINI S&P	0	0	0.0%	2,301,136	1,911,410	20.39%	0	0	0.0%	16,389,977	18,353,247	-10.7%
EOM S&P 500	0	0	0.0%	0	0	0.00%	0	303,360	-100.0%	2,158	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	16,536	3,754	340.49%	0	0	0.0%	100,283	42,172	137.8%
EOW1 EMINI S&P 500	0	0	0.0%	1,513,859	1,427,566	6.04%	0	0	0.0%	9,145,329	9,642,961	-5.2%
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%	14,958	4,594	225.60%	0	0	0.0%	117,658	36,301	224.1%
EOW2 EMINI S&P 500	0	0	0.0%	1,281,390	1,140,123	12.39%	0	0	0.0%	9,557,262	9,859,840	-3.1%
EOW2 S&P 500	0	0	0.0%	0	0	0.00%	0	252,530	-100.0%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	33,564	10,336	224.73%	0	0	0.0%	278,740	159,514	74.7%
EOW3 EMINI S&P 500	0	0	0.0%	2,094,812	1,807,661	15.89%	0	0	0.0%	18,831,882	21,671,286	-13.1%
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%	19,338	3,829	405.04%	0	0	0.0%	134,123	31,535	325.3%
EOW4 EMINI S&P 500	0	0	0.0%	1,628,276	1,370,387	18.82%	0	0	0.0%	7,786,897	8,218,331	-5.2%
MICRO E-MINI NASDAQ	0	0	0.0%	9,833	2,712	262.57%	0	0	0.0%	52,469	2,763	1,799.0%
MICRO E-MINI NASDAQ END O	0	0	0.0%	8,701	1,640	430.55%	0	0	0.0%	65,910	1,640	3,918.9%
MICRO E-MINI NASDAQ WEEKL	0	0	0.0%	22,641	5,370	321.62%	0	0	0.0%	172,420	5,446	3,066.0%
MICRO E-MINI S&P 500	0	0	0.0%	45,328	33,258	36.29%	0	0	0.0%	255,464	33,515	662.2%
MICRO E-MINI S&P 500 END OF	0	0	0.0%	49,090	38,387	27.88%	0	0	0.0%	312,518	38,747	706.6%
MICRO E-MINI S&P 500 WEEKL	0	0	0.0%	108,943	89,284	22.02%	0	0	0.0%	758,597	90,355	739.6%
S&P 500	0	0	0.0%	0	400	-100.00%	0	677,812	-100.0%	200	7,513	-97.3%

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<b>Metals Futures</b>												
ALUMINUM	0	0	0.0%	16,372	6,300	159.87%	0	0	0.0%	106,281	40,193	164.4%
COBALT METAL FUTURES	0	-	-	0	-		0	-	-	12	-	-
COMEX COPPER	0	0	0.0%	1,398,783	1,969,789	-28.99%	0	0	0.0%	19,480,349	18,577,619	4.9%
COMEX E-Mini GOLD	0	0	0.0%	28,309	42,859	-33.95%	0	0	0.0%	207,723	320,597	-35.2%
COMEX E-Mini SILVER	0	0	0.0%	3,137	12,121	-74.12%	0	0	0.0%	55,366	88,656	-37.5%
COMEX GOLD	0	0	0.0%	3,863,425	6,169,721	-37.38%	0	0	0.0%	44,227,237	61,466,626	-28.0%
COMEX MINY COPPER	0	0	0.0%	4,075	2,519	61.77%	0	0	0.0%	38,095	7,411	414.0%
COMEX SILVER	0	0	0.0%	1,123,878	2,165,260	-48.10%	0	0	0.0%	15,325,387	20,264,770	-24.4%
COPPER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	531	541	-1.85%	0	0	0.0%	6,745	9,644	-30.1%
GOLD	0	0	0.0%	19,193	8,326	130.52%	0	0	0.0%	62,150	67,832	-8.4%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	216	2	10,700.00%	0	0	0.0%	1,423	2	71,050.0%
IRON ORE 62 CHINA PLATTS F	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI FUTU	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	209	-100.0%
IRON ORE CHINA	0	0	0.0%	0	0	0.00%	0	0	0.0%	16	0	0.0%
LNDN ZINC	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
METALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MICRO GOLD	0	0	0.0%	954,845	2,795,693	-65.85%	0	0	0.0%	10,868,072	16,894,497	-35.7%
NYMEX HOT ROLLED STEEL	0	0	0.0%	4,144	2,746	50.91%	0	0	0.0%	37,720	41,284	-8.6%
NYMEX PLATINUM	0	0	0.0%	488,453	438,575	11.37%	0	0	0.0%	3,257,882	3,415,754	-4.6%
PALLADIUM	0	0	0.0%	44,422	27,822	59.67%	0	0	0.0%	416,784	531,204	-21.5%
SILVER	0	0	0.0%	126,397	353,569	-64.25%	0	0	0.0%	1,866,353	1,662,978	12.2%
URANIUM	0	0	0.0%	25	0	0.00%	0	0	0.0%	490	54	807.4%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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>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%	41,734	10,752	288.15%	0	0	0.0%	372,410	229,778	62.1%
COMEX GOLD	0	0	0.0%	513,143	745,514	-31.17%	0	0	0.0%	5,195,880	8,328,943	-37.6%
COMEX SILVER	0	0	0.0%	112,077	142,438	-21.32%	0	0	0.0%	1,275,554	1,629,076	-21.7%
COPPER	0	0	0.0%	15	0	0.00%	0	0	0.0%	182	2,673	-93.2%
GOLD	0	0	0.0%	151,801	121,723	24.71%	0	0	0.0%	1,424,684	1,278,067	11.5%
HOT ROLLED COIL STEEL CAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOT ROLLED COIL STEEL PUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI CALL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI PUT O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
IRON ORE CHINA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX HOT ROLLED STEEL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX PLATINUM	0	0	0.0%	382	1,009	-62.14%	0	0	0.0%	4,410	4,966	-11.2%
PALLADIUM	0	0	0.0%	14	9	55.56%	0	0	0.0%	680	1,404	-51.6%
SILVER	0	0	0.0%	16,090	5,861	174.53%	0	0	0.0%	95,702	83,083	15.2%
<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%	1,854,859	1,565,866	18.46%	0	0	0.0%	17,959,527	20,644,496	-13.0%
CAR VINTAGE	0	-	-	5,017	-		0	-	-	13,736	-	-
CENTERPOINT BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Energy Futures</b>												
CHICAGO ETHANOL SWAP	0	0	0.0%	243	11	2,109.09%	0	0	0.0%	2,439	189	1,190.5%
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%	7	0	0.00%	0	0	0.0%	31	60	-48.3%
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%	19,669,365	16,673,622	17.97%	0	0	0.0%	183,151,649	219,123,252	-16.4%
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%	25,651	21,339	20.21%	0	0	0.0%	384,960	256,943	49.8%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	0	0	0.00%	0	0	0.0%	1	6	-83.3%
ELEC FINSETTLED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ELEC MISO PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ELEC NYISO OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<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%	0	190	-100.00%	0	0	0.0%	262	12,283	-97.9%
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%	46	0	0.00%	0	0	0.0%	402	286	40.6%
EUROPEAN NAPHTHA BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN NAPHTHA CRACK S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE DATED BRENT SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE NAPHTHA CALSWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO PROPANE CIF ARA SW	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL CRACK VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
FUELOIL SWAP:CARGOES VS.	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1CIF MED VS ICE	0	-	-	0	-		0	-	-	0	-	-
GASOIL 0.1 CIF NWE VS ISE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 ROTTERDAM BAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 10PPM VS ICE SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL CRACK SPREAD CALE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<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%	6	0	0.00%	0	0	0.0%	90	8,776	-99.0%
GROUP THREE ULSD (PLATTS)	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GROUP THREE UNLEAD GAS (	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GRP THREE UNL GS (PLT) VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST 3% FUEL OIL BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST JET FUEL CLNDR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST NO.6 FUEL OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CALEND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL CRCK SPRD BAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	0	0.0%	3,228,302	3,389,055	-4.74%	0	0	0.0%	26,558,508	32,138,976	-17.4%
HENRY HUB BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HENRY HUB INDEX SWAP FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HENRY HUB SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	31	670	-95.4%
HOUSTON SHIP CHANNEL BAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HTG OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ICE GASOIL BALMO SWAP	0	-	-	0	-		0	-	-	0	-	-
INDIANA MISO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA CRACK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN NAPHTHA BALMO SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JET AV FUEL (P) CAR FM ICE G	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JET CIF NWE VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JET FUEL CRG CIF NEW VS I	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JET FUEL UP-DOWN BALMO C	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JKM LNG Futures	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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<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%	304,834	232,197	31.28%	0	0	0.0%	2,045,514	1,535,042	33.3%
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%	1,513	195	675.90%	0	0	0.0%	19,637	6,536	200.4%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	48	0	0.00%	0	0	0.0%	213	15	1,320.0%
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	7	-28.57%	0	0	0.0%	57	44	29.5%
MINY NATURAL GAS	0	0	0.0%	367,665	185,451	98.25%	0	0	0.0%	1,255,425	1,055,289	19.0%
MINY RBOB GAS	0	0	0.0%	7	6	16.67%	0	0	0.0%	79	60	31.7%
MINY WTI CRUDE OIL	0	0	0.0%	337,945	252,209	33.99%	0	0	0.0%	3,731,167	5,948,247	-37.3%
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%	0	15	-100.00%	0	0	0.0%	325	15	2,066.7%
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%	160	2	7,900.00%	0	0	0.0%	457	154	196.8%
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%	15	0	0.00%	0	0	0.0%	25	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%	82,143	64,404	27.54%	0	0	0.0%	448,248	434,785	3.1%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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%	8	0	0.00%	0	0	0.0%	118	0	0.0%
NATURAL GAS PHY	0	0	0.0%	10,247,908	9,226,231	11.07%	0	0	0.0%	71,987,331	91,843,321	-21.6%
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	12	-100.00%	0	0	0.0%	24	38	-36.8%
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 SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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 SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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%	3,807,744	3,199,485	19.01%	0	0	0.0%	34,714,444	34,473,918	0.7%
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 180 CS	0	-	-	0	-		0	-	-	0	-	-
SINGAPORE FUEL OIL SPREA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALEND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO BALMO	0	0	0.0%	0	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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>												
TCO BASIS SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAP	0	0	0.0%	0	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	150	-100.00%	0	0	0.0%	2,535	2,094	21.1%
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%	1,743	7,726	-77.44%	0	0	0.0%	28,282	127,263	-77.8%
COAL API2 INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	0	4,800	-100.00%	0	0	0.0%	42,180	66,071	-36.2%
CRUDE OIL APO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	3	-100.0%
CRUDE OIL CALNDR STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CRUDE OIL PHY	0	0	0.0%	2,032,439	1,887,315	7.69%	0	0	0.0%	17,255,924	19,699,542	-12.4%
ELEC FINSETTLED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HEATING OIL CRK SPD AVG P	0	-	-	0	-		0	-	-	0	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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>												
HEATING OIL PHY	0	0	0.0%	1,822	2,173	-16.15%	0	0	0.0%	17,364	29,056	-40.2%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0.00%	0	0	0.0%	40	20	100.0%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LLS CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	2,100	650	223.08%	0	0	0.0%	8,750	3,151	177.7%
NATURAL GAS 2 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	0	0	0.0%	0	1,651	-100.00%	0	0	0.0%	200	4,827	-95.9%
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%	1,650,864	1,557,819	5.97%	0	0	0.0%	11,875,300	12,378,719	-4.1%
NATURAL GAS SUMMER STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS WINTER STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	37	17	117.65%	0	0	0.0%	626	676	-7.4%
PETROCHEMICALS	0	0	0.0%	2	0	0.00%	0	0	0.0%	62	11	463.6%
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%	1,202	2,828	-57.50%	0	0	0.0%	19,384	23,796	-18.5%
SAN JUAN PIPE SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SHORT TERM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	0	1,610	-100.00%	0	0	0.0%	7,100	14,702	-51.7%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	85	0	0.00%	0	0	0.0%	1,035	1,200	-13.8%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>FX Futures</b>												
AD/CD CROSS RATES	0	0	0.0%	10	3	233.33%	0	0	0.0%	158	80	97.5%
AD/JY CROSS RATES	0	0	0.0%	2,045	1,830	11.75%	0	0	0.0%	19,068	23,658	-19.4%
AD/NE CROSS RATES	0	0	0.0%	455	212	114.62%	0	0	0.0%	2,458	2,605	-5.6%
AUSTRALIAN DOLLAR	0	0	0.0%	2,435,332	2,412,955	0.93%	0	0	0.0%	18,747,073	19,623,823	-4.5%
BP/JY CROSS RATES	0	0	0.0%	3,312	3,189	3.86%	0	0	0.0%	22,535	29,734	-24.2%
BP/SF CROSS RATES	0	0	0.0%	1,710	369	363.41%	0	0	0.0%	6,952	3,902	78.2%
BRAZIL REAL	0	0	0.0%	182,967	203,149	-9.93%	0	0	0.0%	2,111,397	1,736,769	21.6%
BRITISH POUND	0	0	0.0%	2,393,155	2,931,860	-18.37%	0	0	0.0%	17,788,504	20,228,047	-12.1%
CANADIAN DOLLAR	0	0	0.0%	2,044,471	1,887,510	8.32%	0	0	0.0%	15,101,114	14,626,086	3.2%
CD/JY CROSS RATES	0	0	0.0%	96	7	1,271.43%	0	0	0.0%	1,460	375	289.3%
CHINESE RENMINBI (CNH)	0	0	0.0%	22,348	27,074	-17.46%	0	0	0.0%	152,343	173,514	-12.2%
CZECK KORUNA (EC)	0	0	0.0%	0	2	-100.00%	0	0	0.0%	2	26	-92.3%
CZECK KORUNA (US)	0	0	0.0%	3	1	200.00%	0	0	0.0%	8	1	700.0%
EC/AD CROSS RATES	0	0	0.0%	10,441	8,760	19.19%	0	0	0.0%	44,094	56,717	-22.3%
EC/CD CROSS RATES	0	0	0.0%	16,772	8,040	108.61%	0	0	0.0%	66,077	42,340	56.1%
EC/NOK CROSS RATES	0	0	0.0%	1,875	355	428.17%	0	0	0.0%	6,006	1,757	241.8%
EC/SEK CROSS RATES	0	0	0.0%	1,491	1,136	31.25%	0	0	0.0%	5,865	5,726	2.4%
EFX/BP CROSS RATES	0	0	0.0%	127,919	101,164	26.45%	0	0	0.0%	529,669	628,969	-15.8%
EFX/JY CROSS RATES	0	0	0.0%	115,979	74,992	54.66%	0	0	0.0%	392,806	547,183	-28.2%
EFX/SF CROSS RATES	0	0	0.0%	55,699	32,303	72.43%	0	0	0.0%	217,582	338,337	-35.7%
E-MICRO USD/CAD	0	-	-	94	-		0	-	-	346	-	-
E-MICRO USD/CHF	0	-	-	0	-		0	-	-	29	-	-
E-MICRO USD/JPY	0	-	-	113	-		0	-	-	122	-	-
E-MINI EURO FX	0	0	0.0%	120,064	203,084	-40.88%	0	0	0.0%	1,112,371	1,431,340	-22.3%
E-MINI JAPANESE YEN	0	0	0.0%	10,239	9,730	5.23%	0	0	0.0%	82,168	202,842	-59.5%
EURO FX	0	0	0.0%	5,000,579	5,835,258	-14.30%	0	36	-100.0%	36,252,848	42,226,147	-14.1%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	9	-100.0%
HUNGARIAN FORINT (US)	0	0	0.0%	31	27	14.81%	0	0	0.0%	168	100	68.0%
INDIAN RUPEE	0	0	0.0%	15,112	23,154	-34.73%	0	0	0.0%	122,992	238,275	-48.4%
JAPANESE YEN	0	0	0.0%	2,818,212	2,063,872	36.55%	0	0	0.0%	19,881,083	22,460,154	-11.5%
KOREAN WON	0	0	0.0%	398	633	-37.12%	0	0	0.0%	11,349	5,028	125.7%
MEXICAN PESO	0	0	0.0%	1,480,779	1,603,640	-7.66%	0	0	0.0%	10,135,812	10,831,072	-6.4%
MICRO AUD/USD	0	0	0.0%	184,515	264,283	-30.18%	0	0	0.0%	1,870,209	2,249,886	-16.9%
MICRO CAD/USD	0	0	0.0%	70,778	38,375	84.44%	0	0	0.0%	507,843	263,131	93.0%

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<b>FX Futures</b>												
MICRO CHF/USD	0	0	0.0%	9,751	7,637	27.68%	0	0	0.0%	79,618	35,664	123.2%
MICRO EUR/USD	0	0	0.0%	465,207	693,342	-32.90%	0	0	0.0%	4,381,681	4,451,974	-1.6%
MICRO GBP/USD	0	0	0.0%	88,199	137,954	-36.07%	0	0	0.0%	665,891	599,715	11.0%
MICRO INR/USD	0	0	0.0%	1,565	1,688	-7.29%	0	0	0.0%	16,346	20,041	-18.4%
MICRO JPY/USD	0	0	0.0%	39,505	24,714	59.85%	0	0	0.0%	300,001	269,350	11.4%
MICRO USD/CNH	0	-	-	0	-		0	-	-	36	-	-
NEW ZEALND DOLLAR	0	0	0.0%	646,505	660,873	-2.17%	0	0	0.0%	5,422,657	5,733,048	-5.4%
NKR/USD CROSS RATE	0	0	0.0%	6,607	5,811	13.70%	0	0	0.0%	43,228	43,469	-0.6%
POLISH ZLOTY (EC)	0	0	0.0%	342	117	192.31%	0	0	0.0%	1,310	576	127.4%
POLISH ZLOTY (US)	0	0	0.0%	1,536	1,560	-1.54%	0	0	0.0%	8,120	7,517	8.0%
RMB USD	0	0	0.0%	0	0	0.00%	0	0	0.0%	3	4	-25.0%
RUSSIAN RUBLE	0	0	0.0%	174,250	135,768	28.34%	0	0	0.0%	960,592	1,036,999	-7.4%
S.AFRICAN RAND	0	0	0.0%	98,080	110,718	-11.41%	0	0	0.0%	525,558	730,269	-28.0%
SF/JY CROSS RATES	0	0	0.0%	40	2	1,900.00%	0	0	0.0%	255	230	10.9%
SHEKEL	0	0	0.0%	2	11	-81.82%	0	0	0.0%	18	105	-82.9%
SKR/USD CROSS RATES	0	0	0.0%	8,622	6,380	35.14%	0	0	0.0%	45,224	35,838	26.2%
SWISS FRANC	0	0	0.0%	626,598	643,454	-2.62%	0	0	0.0%	4,446,935	5,413,829	-17.9%
TURKISH LIRA	0	0	0.0%	0	36	-100.00%	0	0	0.0%	8	88	-90.9%
USDZAR	0	0	0.0%	7	0	0.00%	0	0	0.0%	71	0	0.0%

### FX Options

AUD/USD MONDAY OPTION W	0	0	0.0%	683	611	11.78%	0	0	0.0%	3,112	3,387	-8.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	302	180	67.78%	0	0	0.0%	3,231	1,672	93.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	253	36	602.78%	0	0	0.0%	3,187	2,326	37.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	398	548	-27.37%	0	0	0.0%	3,996	1,714	133.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,370	722	89.8%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	55,025	55,285	-0.47%	0	0	0.0%	436,416	676,930	-35.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,881	2,245	28.33%	0	0	0.0%	7,112	5,398	31.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,865	851	119.15%	0	0	0.0%	14,980	37,913	-60.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,032	2,202	83.11%	0	0	0.0%	24,193	34,059	-29.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,153	3,657	13.56%	0	0	0.0%	26,881	37,531	-28.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	418	635	-34.17%	0	0	0.0%	5,275	13,238	-60.2%

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<b>FX Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	147	1,013	-85.49%	0	0	0.0%	8,733	11,544	-24.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,069	383	179.11%	0	0	0.0%	7,129	12,425	-42.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	205	193	6.22%	0	0	0.0%	2,941	7,402	-60.3%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	968	610	58.69%	0	0	0.0%	8,493	12,084	-29.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	577	1,472	-60.80%	0	0	0.0%	1,985	5,691	-65.1%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	200	12	1,566.67%	0	0	0.0%	2,790	675	313.3%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,686	86	1,860.47%	0	0	0.0%	7,647	2,445	212.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	4,455	200	2,127.50%	0	0	0.0%	14,997	1,564	858.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	6,008	881	581.95%	0	0	0.0%	9,904	5,609	76.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	7,502	129	5,715.50%	0	0	0.0%	21,705	4,642	367.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,147	3,085	2.0%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	101,549	32,175	215.61%	0	430	-100.0%	619,742	441,504	40.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	11,817	5,447	116.95%	0	0	0.0%	26,826	11,477	133.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,808	5,588	3.94%	0	0	0.0%	42,930	63,244	-32.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	14,049	5,458	157.40%	0	0	0.0%	69,519	56,956	22.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	26,511	6,697	295.86%	0	0	0.0%	87,397	63,255	38.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,512	113	1,238.05%	0	0	0.0%	17,090	25,385	-32.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	5,461	323	1,590.71%	0	0	0.0%	18,328	20,377	-10.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,527	1,096	39.32%	0	0	0.0%	17,098	15,951	7.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	6,388	707	803.54%	0	0	0.0%	18,667	16,663	12.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	13,014	932	1,296.35%	0	0	0.0%	25,556	21,279	20.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	5,794	469	1,135.39%	0	0	0.0%	9,035	8,199	10.2%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	7,061	3,771	87.24%	0	0	0.0%	44,694	29,999	49.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	110	102	7.84%	0	0	0.0%	411	139	195.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	47	3	1,466.67%	0	0	0.0%	2,240	1,505	48.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	160	25	540.00%	0	0	0.0%	1,703	1,029	65.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	56	555	-89.91%	0	0	0.0%	2,386	1,432	66.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	238	906	-73.7%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	6	0	0.00%	0	0	0.0%	6	0	0.0%
EUR/GBP WKLY FRIDAY OPTIC	0	-	-	0	-		0	-	-	0	-	-
EUR/USD MONDAY OPTION W	0	0	0.0%	947	1,033	-8.33%	0	0	0.0%	16,082	12,242	31.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	107	4,395	-97.57%	0	0	0.0%	13,121	11,719	12.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,340	1,643	-18.44%	0	0	0.0%	13,058	18,974	-31.2%
EUR/USD MONDAY OPTION W	0	0	0.0%	5,771	2,757	109.32%	0	0	0.0%	24,590	19,336	27.2%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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 MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	5,945	7,186	-17.3%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	159,625	207,323	-23.01%	0	1,550	-100.0%	1,756,573	2,578,857	-31.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	18,619	16,462	13.10%	0	0	0.0%	49,106	27,537	78.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	10,646	14,066	-24.31%	0	62	-100.0%	117,400	180,169	-34.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	21,147	18,510	14.25%	0	0	0.0%	178,560	192,396	-7.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	24,589	20,531	19.77%	0	0	0.0%	166,799	201,301	-17.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,392	3,269	3.76%	0	0	0.0%	61,597	63,114	-2.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,347	8,997	-51.68%	0	0	0.0%	57,347	86,620	-33.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,390	6,418	-47.18%	0	0	0.0%	62,341	74,696	-16.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,558	6,222	-42.82%	0	0	0.0%	60,384	73,417	-17.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	8,230	7,615	8.08%	0	0	0.0%	79,994	69,044	15.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	12,756	10,836	17.72%	0	0	0.0%	25,392	34,150	-25.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	967	1,492	-35.19%	0	0	0.0%	4,094	5,163	-20.7%
GBP/USD MONDAY OPTION W	0	0	0.0%	302	529	-42.91%	0	0	0.0%	5,271	3,175	66.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	486	80	507.50%	0	0	0.0%	2,373	4,413	-46.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	61	990	-93.84%	0	0	0.0%	4,319	6,585	-34.4%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	654	1,435	-54.4%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	68,422	105,464	-35.12%	0	64	-100.0%	648,908	771,133	-15.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,983	4,321	-7.82%	0	0	0.0%	12,159	8,058	50.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,564	1,790	-12.63%	0	0	0.0%	21,969	33,169	-33.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,674	5,464	-32.76%	0	0	0.0%	26,478	34,425	-23.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,592	1,979	81.51%	0	0	0.0%	30,573	29,672	3.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	491	1,034	-52.51%	0	0	0.0%	8,403	12,820	-34.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	259	982	-73.63%	0	0	0.0%	9,647	14,555	-33.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	308	1,255	-75.46%	0	0	0.0%	5,578	8,637	-35.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	174	2,864	-93.92%	0	0	0.0%	5,771	15,113	-61.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,298	1,140	13.86%	0	0	0.0%	9,334	11,682	-20.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	690	1,646	-58.08%	0	0	0.0%	2,591	7,180	-63.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	195	1,641	-88.12%	0	0	0.0%	3,291	7,600	-56.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	801	457	75.27%	0	0	0.0%	5,091	10,580	-51.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	201	1,020	-80.29%	0	0	0.0%	3,682	7,382	-50.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,694	833	103.36%	0	0	0.0%	3,356	3,946	-15.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,697	2,653	1.7%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	85,487	75,176	13.72%	0	727	-100.0%	708,979	1,102,893	-35.7%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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>												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,361	11,151	-33.99%	0	0	0.0%	28,288	16,840	68.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,875	7,245	-18.91%	0	0	0.0%	49,978	104,129	-52.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	9,161	10,821	-15.34%	0	0	0.0%	83,820	113,922	-26.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	10,011	10,533	-4.96%	0	0	0.0%	80,295	105,800	-24.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	364	1,692	-78.49%	0	0	0.0%	25,368	38,571	-34.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,647	2,286	15.79%	0	0	0.0%	22,656	46,221	-51.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,921	1,762	122.53%	0	0	0.0%	30,963	36,879	-16.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,507	2,821	-46.58%	0	0	0.0%	26,870	43,194	-37.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,983	2,247	32.75%	0	0	0.0%	25,858	46,001	-43.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,338	3,427	-31.78%	0	0	0.0%	7,879	12,418	-36.6%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	3,861	2,963	30.31%	0	1,840	-100.0%	11,742	14,205	-17.3%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	4,413	-100.00%	0	0	0.0%	0	4,413	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	139	-100.00%	0	0	0.0%	604	1,748	-65.4%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	552	1,898	-70.9%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	300	750	-60.00%	0	0	0.0%	631	2,350	-73.1%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	152	-100.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	29	19	52.63%	0	0	0.0%	1,358	4,654	-70.8%
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	0	0.00%	0	0	0.0%	12	0	0.0%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	375	-100.0%
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RUB/USD MONTHLY OPTIONS	0	0	0.0%	0	93	-100.00%	0	0	0.0%	68	93	-26.9%

### Ags Futures

FERTILIZER PRODUCS	0	0	0.0%	50	0	0.00%	0	0	0.0%	54	90	-40.0%
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### Foreign Exchange Futures

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

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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>Foreign Exchange Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	49	469	-89.55%	0	0	0.0%	4,360	6,893	-36.7%
<b>Ag Products Futures</b>												
BLOCK CHEESE	0	0	0.0%	185	165	12.12%	0	0	0.0%	5,729	2,225	157.5%
BUTTER CS	0	0	0.0%	3,224	3,331	-3.21%	0	0	0.0%	34,974	50,258	-30.4%
CASH-SETTLED CHEESE	0	0	0.0%	10,231	9,696	5.52%	0	0	0.0%	103,197	116,017	-11.1%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,363,846	1,330,828	2.48%	0	2,592	-100.0%	10,795,777	12,761,831	-15.4%
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	50	-100.0%
CHI WHEAT	0	0	0.0%	1,630,357	2,242,712	-27.30%	0	12,092	-100.0%	23,451,410	25,193,903	-6.9%
CLASS IV MILK	0	0	0.0%	1,887	1,580	19.43%	0	65	-100.0%	9,208	21,357	-56.9%
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	2	0.0%
CORN	0	0	0.0%	4,760,353	5,830,914	-18.36%	0	18,145	-100.0%	66,844,817	65,217,879	2.5%
COTTON	0	0	0.0%	0	4	-100.00%	0	0	0.0%	0	30	-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%	82,911	62,858	31.90%	0	0	0.0%	483,021	281,954	71.3%
DRY WHEY	0	0	0.0%	1,147	831	38.03%	0	0	0.0%	18,158	12,488	45.4%
FEEDER CATTLE	0	0	0.0%	342,589	267,000	28.31%	0	54	-100.0%	2,341,625	2,470,304	-5.2%
FERTILIZER PRODUCS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	3,821	12,674	-69.85%	0	0	0.0%	80,816	137,826	-41.4%
GSCI EXCESS RETURN FUT	0	0	0.0%	50	41	21.95%	0	0	0.0%	151	85	77.6%
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	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%	1,098,116	1,233,413	-10.97%	0	1,940	-100.0%	8,930,968	9,969,071	-10.4%
HOUSING INDEX	0	0	0.0%	26	17	52.94%	0	0	0.0%	122	260	-53.1%
Intercommodity Spread	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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 Futures</b>												
KC WHEAT	0	0	0.0%	672,673	964,013	-30.22%	0	1,534	-100.0%	9,625,467	10,514,342	-8.5%
LUMBER	0	0	0.0%	6,134	10,839	-43.41%	0	0	0.0%	89,760	124,486	-27.9%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	22,038	26,834	-17.87%	0	59	-100.0%	211,404	316,340	-33.2%
MINI CORN	0	0	0.0%	33,199	27,727	19.74%	0	0	0.0%	589,626	197,277	198.9%
MINI SOYBEAN	0	0	0.0%	36,953	67,216	-45.02%	0	0	0.0%	530,344	288,177	84.0%
MINI WHEAT	0	0	0.0%	14,676	13,969	5.06%	0	0	0.0%	188,706	117,519	60.6%
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%	4,290	5,350	-19.81%	0	0	0.0%	47,300	73,938	-36.0%
OATS	0	0	0.0%	10,348	9,163	12.93%	0	0	0.0%	93,257	100,903	-7.6%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PORK CUTOUT	0	-	-	1,407	-		0	-	-	23,195	-	-
ROUGH RICE	0	0	0.0%	10,899	6,708	62.48%	0	0	0.0%	138,250	185,544	-25.5%
SOYBEAN	0	0	0.0%	2,919,733	5,412,870	-46.06%	0	10,769	-100.0%	37,714,142	40,472,626	-6.8%
SOYBEAN MEAL	0	0	0.0%	1,803,878	2,777,463	-35.05%	0	1,333	-100.0%	18,179,756	21,681,357	-16.2%
SOYBEAN OIL	0	0	0.0%	2,428,279	2,731,051	-11.09%	0	4,078	-100.0%	24,340,510	24,029,235	1.3%
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	10	-100.0%
USD CRUDE PALM OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WHEAT	0	0	0.0%	2,813	5,069	-44.51%	0	0	0.0%	28,791	14,058	104.8%
<b>Ag Products Options</b>												
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	77	-100.0%
BLOCK CHEESE	0	0	0.0%	540	371	45.55%	0	2,052	-100.0%	2,922	5,793	-49.6%
BUTTER CS	0	0	0.0%	1,137	1,496	-24.00%	0	212	-100.0%	16,760	27,349	-38.7%
CASH-SETTLED CHEESE	0	0	0.0%	1,489	7,563	-80.31%	0	5,682	-100.0%	57,727	97,364	-40.7%
CATTLE	0	0	0.0%	223,775	158,881	40.84%	0	59,913	-100.0%	1,714,603	2,022,471	-15.2%
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	-	-
CHI WHEAT	0	0	0.0%	379,246	691,552	-45.16%	0	202,275	-100.0%	4,043,693	5,688,146	-28.9%
CLASS IV MILK	0	0	0.0%	5,602	1,254	346.73%	0	1,082	-100.0%	31,322	43,720	-28.4%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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>												
CORN	0	0	0.0%	2,017,501	2,303,088	-12.40%	0	536,597	-100.0%	26,271,575	15,893,945	65.3%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	6,176	2,249	174.61%	0	14,975	-100.0%	114,776	45,619	151.6%
DEC-DEC CORN CAL SPRD	0	0	0.0%	30	470	-93.62%	0	250	-100.0%	1,517	1,770	-14.3%
DEC-JULY CORN CAL SPRD	0	0	0.0%	4,400	100	4,300.00%	0	175	-100.0%	15,985	2,681	496.2%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	75	-100.00%	0	0	0.0%	0	1,545	-100.0%
DRY WHEY	0	0	0.0%	92	88	4.55%	0	119	-100.0%	1,746	4,240	-58.8%
FEEDER CATTLE	0	0	0.0%	22,673	16,500	37.41%	0	4,252	-100.0%	193,216	227,237	-15.0%
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%	266,144	287,237	-7.34%	0	34,430	-100.0%	1,885,556	2,493,839	-24.4%
HOUSING INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Intercommodity Spread	0	0	0.0%	0	6	-100.00%	0	7,987	-100.0%	271	3,299	-91.8%
JAN-MAR SOYBEAN CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	20	-100.0%
JULY-DEC CORN CAL SPRD	0	0	0.0%	5,050	20	25,150.00%	0	11,810	-100.0%	40,105	7,145	461.3%
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%	0	125	-100.00%	0	0	0.0%	0	125	-100.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	1,520	-100.0%	100	2,136	-95.3%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	50	-100.0%	0	70	-100.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	0	103	-100.00%	0	4,950	-100.0%	2,422	9,100	-73.4%
KC WHEAT	0	0	0.0%	68,933	78,537	-12.23%	0	36,570	-100.0%	557,418	851,339	-34.5%
LUMBER	0	0	0.0%	520	644	-19.25%	0	0	0.0%	6,700	8,258	-18.9%
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%	400	0	0.00%	0	2,500	-100.0%	400	0	0.0%
MAR-JULY SOYBEAN CAL SPR	0	-	-	0	-		0	-	-	0	-	-
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	140	-100.00%	0	0	0.0%	0	215	-100.0%
MILK	0	0	0.0%	23,693	23,809	-0.49%	0	3,323	-100.0%	221,457	424,436	-47.8%
MLK MID OPTIONS	0	0	0.0%	4	0	0.00%	0	31	-100.0%	15	86	-82.6%
NFD MILK	0	0	0.0%	2,255	4,316	-47.75%	0	494	-100.0%	31,413	59,166	-46.9%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	2,065	-100.00%	0	0	0.0%	0	2,170	-100.0%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	50	-100.00%	0	100	-100.0%	150	1,235	-87.9%
NOV-NOV SOYBEAN CAL SPR	0	0	0.0%	0	110	-100.00%	0	0	0.0%	0	180	-100.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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>												
OATS	0	0	0.0%	483	166	190.96%	0	720	-100.0%	2,607	1,454	79.3%
PORK CUTOUT	0	-	-	10	-		0	-	-	749	-	-
ROUGH RICE	0	0	0.0%	899	242	271.49%	0	6,492	-100.0%	6,057	13,560	-55.3%
SOYBEAN	0	0	0.0%	1,044,513	1,776,078	-41.19%	0	275,778	-100.0%	14,473,627	10,296,298	40.6%
SOYBEAN CRUSH	0	0	0.0%	119	192	-38.02%	0	830	-100.0%	1,190	1,812	-34.3%
SOYBEAN MEAL	0	0	0.0%	167,901	369,765	-54.59%	0	84,223	-100.0%	1,972,681	2,000,714	-1.4%
SOYBEAN OIL	0	0	0.0%	198,860	213,323	-6.78%	0	106,072	-100.0%	2,626,870	1,459,255	80.0%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	550	4,335	-87.31%	0	335	-100.0%	20,054	5,170	287.9%
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%	409	1,630	-74.91%	0	16	-100.0%	6,476	8,424	-23.1%
WHEAT-CORN ICSCO	0	0	0.0%	0	1,190	-100.00%	0	70	-100.0%	831	5,258	-84.2%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	1,492	0	0.00%	0	1,251	-100.0%	5,467	4,701	16.3%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	467,695	119,188	292.4%	121,124,237	79,415,575	52.5%	3,809,391	3,443,391	10.6%	1,285,584,834	1,193,604,993	7.7%
Equity Index Futures	0	0	0.0%	112,611,857	128,930,986	-12.7%	0	33,712	-100.0%	874,285,114	949,568,447	-7.9%
Metals Futures	0	0	0.0%	8,076,205	13,995,843	-42.3%	0	0	0.0%	95,958,085	123,389,330	-22.2%
Energy Futures	0	0	0.0%	39,933,491	34,810,447	14.7%	0	0	0.0%	342,277,235	407,485,495	-16.0%
FX Futures	0	0	0.0%	19,283,810	20,167,032	-4.4%	0	36	-100.0%	142,090,063	156,356,349	-9.1%
Ags Futures	0	0	0.0%	50	0	0.0%	0	0	0.0%	54	90	-40.0%
Foreign Exchange Futures	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Ag Products Futures	0	0	0.0%	17,266,063	23,054,336	-25.1%	0	52,661	-100.0%	204,900,505	214,351,377	-4.4%
<b>TOTAL FUTURES</b>	<b>467,695</b>	<b>119,188</b>	<b>292.4%</b>	<b>318,295,713</b>	<b>300,374,219</b>	<b>6.0%</b>	<b>3,809,391</b>	<b>3,529,800</b>	<b>7.9%</b>	<b>2,945,095,890</b>	<b>3,044,756,081</b>	<b>-3.3%</b>

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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 OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	18,725,088	15,037,807	24.5%	0	1,658,011	-100.0%	124,077,590	139,359,156	-11.0%
Interest Rate Options	11,360,216	4,005,714	183.6%	23,372,490	14,147,194	65.2%	116,560,194	79,751,753	46.2%	229,974,519	280,285,784	-17.9%
Metals Options	0	0	0.0%	835,256	1,027,306	-18.7%	0	0	0.0%	8,369,502	11,557,990	-27.6%
Energy Options	0	0	0.0%	3,690,294	3,466,589	6.5%	0	0	0.0%	29,256,247	32,349,037	-9.6%
FX Options	0	0	0.0%	797,168	737,286	8.1%	0	4,673	-100.0%	6,233,539	8,008,296	-22.2%
Ag Products Options	0	0	0.0%	4,444,896	5,947,770	-25.3%	0	1,407,841	-100.0%	54,328,458	41,721,422	30.2%
Foreign Exchange Options	0	0	0.0%	49	469	-89.6%	0	0	0.0%	4,360	6,893	-36.7%
<b>TOTAL OPTIONS</b>	<b>11,360,216</b>	<b>4,005,714</b>	<b>183.6%</b>	<b>51,865,241</b>	<b>40,364,421</b>	<b>28.5%</b>	<b>116,560,194</b>	<b>82,822,278</b>	<b>40.7%</b>	<b>452,244,215</b>	<b>513,288,578</b>	<b>-11.9%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	11,827,911	4,124,902	186.7%	144,496,727	93,562,769	54.4%	120,369,585	83,195,144	44.7%	1,515,559,353	1,473,890,777	2.8%
Equity Index	0	0	0.0%	131,336,945	143,968,793	-8.8%	0	1,691,723	-100.0%	998,362,704	1,088,927,603	-8.3%
Metals	0	0	0.0%	8,911,461	15,023,149	-40.7%	0	0	0.0%	104,327,587	134,947,320	-22.7%
Energy	0	0	0.0%	43,623,785	38,277,036	14.0%	0	0	0.0%	371,533,482	439,834,532	-15.5%
FX	0	0	0.0%	20,080,978	20,904,318	-3.9%	0	4,709	-100.0%	148,323,602	164,364,645	-9.8%
Ags	0	0	0.0%	50	0	0.0%	0	0	0.0%	54	90	-40.0%
Foreign Exchange	0	0	0.0%	49	469	-89.6%	0	0	0.0%	4,360	6,893	-36.7%
Ag Products	0	0	0.0%	21,710,959	29,002,106	-25.1%	0	1,460,502	-100.0%	259,228,963	256,072,799	1.2%
<b>GRAND TOTAL</b>	<b>11,827,911</b>	<b>4,124,902</b>	<b>186.7%</b>	<b>370,160,954</b>	<b>340,738,640</b>	<b>8.6%</b>	<b>120,369,585</b>	<b>86,352,078</b>	<b>39.4%</b>	<b>3,397,340,105</b>	<b>3,558,044,659</b>	<b>-4.5%</b>

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