



## CME Exchange Volume Report - Monthly

	VOLUME OCT 2021	VOLUME OCT 2020	% CHG	VOIUME SEP 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Interest Rate Futures</b>								
1-MONTH EURODOLLAR	2	0	0.0%	0	0.0%	2	826	-99.8%
EURODOLLARS	67,575,273	26,825,114	151.9%	43,998,807	53.6%	506,575,873	439,567,359	15.2%
SOFR	5,006,727	1,233,006	306.1%	2,863,777	74.8%	27,177,753	9,648,130	181.7%
SONIA	19,085	197,486	-90.3%	20,755	-8.0%	798,109	1,673,444	-52.3%
TIIE	40	0	-	292	-86.3%	799	0	-
<b>Interest Rate Options</b>								
EURODOLLARS	8,151,030	3,319,314	145.6%	3,683,442	121.3%	43,845,417	176,199,325	-75.1%
EURO MIDCURVE	22,448,774	6,659,078	237.1%	14,123,901	58.9%	172,116,233	70,767,543	143.2%
SOFR	25	100	-75.0%	310	-91.9%	8,737	1,122	678.7%

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<b>Equity Index Futures</b>								
BITCOIN FUTURES	837,694	162,403	415.8%	593,846	41.1%	4,880,162	1,747,127	179.3%
E-MINI COM SERVICES SELECT	1,995	1,280	55.9%	8,586	-76.8%	39,288	50,888	-22.8%
E-mini FTSE 100 (USD)	0	0	0.0%	0	-	0	0	0.0%
E-mini FTSE China 50	144	0	0.0%	174	-17.2%	665	2	33,150.0%
E-MINI MIDCAP	252,718	286,787	-11.9%	377,878	-33.1%	2,612,374	3,791,396	-31.1%
E-MINI NASDAQ 100	11,194,398	13,214,946	-15.3%	13,332,079	-16.0%	114,308,819	126,380,818	-9.6%
E-MINI RUSSELL 1000	5,563	945	488.7%	35,699	-84.4%	109,349	86,280	26.7%
E-MINI RUSSELL 1000 GROWTH	2,664	2,291	16.3%	11,728	-77.3%	49,865	51,389	-3.0%
E-MINI RUSSELL 1000 VALUE	13,018	7,343	77.3%	76,280	-82.9%	297,097	105,680	181.1%
E-MINI RUSSELL 2000	3,568,440	3,814,537	-6.5%	5,287,272	-32.5%	41,435,354	43,752,385	-5.3%
E-MINI S&P500	29,063,385	36,020,045	-19.3%	41,991,970	-30.8%	329,543,397	436,890,253	-24.6%
E-MINI S&P500 ESG	12,634	5,264	140.0%	49,759	-74.6%	197,089	91,759	114.8%
E-MINI S&P REAL ESTATE SELE	4,025	2,796	44.0%	14,213	-71.7%	90,050	91,020	-1.1%
ETHER FUTURES	114,659	0	-	130,546	-12.2%	675,509	0	-
FT-SE 100	57	0	0.0%	1,055	-94.6%	1,353	0	0.0%
FTSE Emerging	0	198	-100.0%	0	0.0%	5	4,743	-99.9%
IBOVESPA INDEX	379	244	55.3%	215	76.3%	2,233	4,338	-48.5%
MICRO E-MINI NASDAQ 100	19,586,443	19,375,555	1.1%	19,222,879	1.9%	193,176,393	142,157,515	35.9%
MICRO E-MINI RUSSELL 2000	2,939,925	1,707,159	72.2%	3,566,315	-17.6%	31,337,891	19,970,622	56.9%
MICRO E-MINI S&P500	17,825,532	21,853,883	-18.4%	19,180,797	-7.1%	178,549,646	189,941,154	-6.0%
NASDAQ-100 VOLATILITY	2	11	-81.8%	33	-93.9%	97	11	781.8%
NASDAQ BIOTECH	88	167	-47.3%	905	-90.3%	7,084	5,724	23.8%
Nearby BTIC+	100	0	0.0%	0	0.0%	456	1,177	-61.3%
NIKKEI 225 (\$) STOCK	148,247	105,202	40.9%	220,921	-32.9%	1,337,106	1,972,530	-32.2%
NIKKEI 225 (YEN) STOCK	810,581	642,839	26.1%	933,233	-13.1%	6,724,371	9,795,018	-31.3%
S&P 500	32,402	62,464	-48.1%	147,513	-78.0%	1,118,381	1,385,537	-19.3%
S&P 500 ANNUAL DIVIDEND IND	62,278	45,418	37.1%	47,048	32.4%	623,765	613,066	1.7%
S&P 500/GI	0	0	0.0%	0	0.0%	0	0	0.0%
S&P 500 QUARLY DIVIDEND IND	5,325	251	2,021.5%	2,290	132.5%	23,789	9,555	149.0%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	0.0%	0	3,504	-100.0%
S&P CONSUMER DSCRTNRY SE	9,764	8,961	9.0%	15,967	-38.8%	119,991	93,714	28.0%
S&P CONSUMER STAPLES SECT	25,683	12,383	107.4%	76,341	-66.4%	365,646	246,000	48.6%
S&P ENERGY SECTOR	29,402	32,074	-8.3%	102,266	-71.2%	510,050	306,053	66.7%
S&P FINANCIAL SECTOR	28,664	18,818	52.3%	78,638	-63.5%	630,869	262,667	140.2%
S&P HEALTH CARE SECTOR	28,052	13,289	111.1%	70,800	-60.4%	253,358	175,621	44.3%
S&P INDUSTRIAL SECTOR	7,523	12,256	-38.6%	44,025	-82.9%	248,796	166,952	49.0%
S&P MATERIALS SECTOR	9,334	5,946	57.0%	22,845	-59.1%	138,540	89,532	54.7%
S&P TECHNOLOGY SECTOR	9,207	12,727	-27.7%	33,797	-72.8%	155,916	159,915	-2.5%
S&P UTILITIES SECTOR	28,597	20,506	39.5%	80,809	-64.6%	323,878	263,065	23.1%
S&P VALUE INDEX FUTURES	380	0	0.0%	760	-50.0%	2,480	0	0.0%
WATER INDEX FUTURES	2	0	-	19	-89.5%	946	0	-
YEN DENOMINATED TOPIX	5,672	5,838	-2.8%	3,912	45.0%	23,294	70,405	-66.9%

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<b>Equity Index Options</b>								
BITCOIN FUTURES	1,432	3,964	-63.9%	1,509	-5.1%	14,028	31,188	-55.0%
E-MINI NASDAQ 100	669,301	335,644	99.4%	596,300	12.2%	5,648,949	3,456,499	63.4%
E-MINI RUSSELL 2000	20,389	15,295	33.3%	28,635	-28.8%	276,887	176,020	57.3%
E-MINI S&P500	7,499,708	5,728,915	30.9%	9,419,068	-20.4%	62,818,352	73,494,950	-14.5%
EOM E-MINI RUSSELL 2000 END	23,117	12,182	89.8%	19,273	19.9%	205,818	89,206	130.7%
EOM EMINI S&P	3,266,944	2,199,035	48.6%	2,503,600	30.5%	19,912,366	20,552,282	-3.1%
EOM S&P 500	1,800	53,063	-96.6%	1,000	80.0%	309,253	607,141	-49.1%
EOW1 E-MINI RUSSELL 2000 WE	10,985	2,285	380.7%	16,536	-33.6%	111,268	44,457	150.3%
EOW1 EMINI S&P 500	986,527	956,541	3.1%	1,638,844	-39.8%	10,336,495	10,599,502	-2.5%
EOW1 S&P 500	0	20,049	-100.0%	8,319	-100.0%	227,840	399,186	-42.9%
EOW2 E-MINI RUSSELL 2000 WE	14,921	30,428	-51.0%	14,958	-0.2%	132,579	66,729	98.7%
EOW2 EMINI S&P 500	1,688,072	1,066,905	58.2%	1,349,344	25.1%	11,352,498	10,926,745	3.9%
EOW2 S&P 500	0	41,892	-100.0%	12,330	-100.0%	397,309	754,692	-47.4%
EOW3 E-MINI RUSSELL 2000 WE	35,121	15,624	124.8%	33,564	4.6%	313,861	175,138	79.2%
EOW3 EMINI S&P 500	3,324,258	2,724,091	22.0%	2,159,144	54.0%	22,327,790	24,395,377	-8.5%
EOW3 S&P 500	0	41,692	-100.0%	0	0.0%	260,587	646,237	-59.7%
EOW4 E-MINI RUSSELL 2000 WE	14,123	4,957	184.9%	19,338	-27.0%	148,246	36,492	306.2%
EOW4 EMINI S&P 500	1,296,446	946,976	36.9%	1,713,201	-24.3%	9,169,518	9,165,307	0.0%
MICRO E-MINI NASDAQ	3,546	660	437.3%	9,833	-63.9%	56,015	3,423	1,536.4%
MICRO E-MINI NASDAQ 100	3,206	0	-	0	-	3,206	0	-
MICRO E-MINI NASDAQ END OF	9,922	2,749	260.9%	8,701	14.0%	75,832	4,389	1,627.8%
MICRO E-MINI NASDAQ WEEKLY	28,912	9,492	204.6%	22,641	27.7%	201,332	14,938	1,247.8%
MICRO E-MINI S&P 500	23,698	12,060	96.5%	45,328	-47.7%	279,162	45,575	512.5%
MICRO E-MINI S&P 500 END OF	71,786	44,456	61.5%	49,090	46.2%	384,304	83,203	361.9%
MICRO E-MINI S&P 500 WEEKLY	135,019	117,761	14.7%	108,943	23.9%	893,616	208,116	329.4%
S&P 500	0	90,161	-100.0%	102,012	-100.0%	1,302,305	1,383,870	-5.9%
<b>FX Futures</b>								
AD/CD CROSS RATES	14	0	0.0%	46	-69.6%	226	204	10.8%
AD/JY CROSS RATES	2,542	1,698	49.7%	2,230	14.0%	23,233	26,184	-11.3%
AD/NE CROSS RATES	536	135	297.0%	455	17.8%	3,174	3,085	2.9%
AUSTRALIAN DOLLAR	1,842,342	1,933,124	-4.7%	2,459,070	-25.1%	20,653,350	21,610,413	-4.4%
BP/JY CROSS RATES	2,329	2,066	12.7%	3,864	-39.7%	27,823	34,047	-18.3%
BP/SF CROSS RATES	557	126	342.1%	2,722	-79.5%	10,634	4,120	158.1%
BRAZIL REAL	216,179	196,434	10.1%	189,280	14.2%	2,512,752	2,192,367	14.6%
BRITISH POUND	1,856,257	2,410,400	-23.0%	2,416,027	-23.2%	19,715,336	22,772,492	-13.4%
CANADIAN DOLLAR	1,495,839	1,527,484	-2.1%	2,055,523	-27.2%	16,640,131	16,192,908	2.8%
CD/JY CROSS RATES	446	23	1,839.1%	411	8.5%	2,706	588	360.2%
CHINESE RENMINBI (CNH)	12,456	29,901	-58.3%	22,348	-44.3%	164,927	203,725	-19.0%
CZECK KORUNA (EC)	0	0	0.0%	0	0.0%	8	26	-69.2%
CZECK KORUNA (US)	0	0	0.0%	3	-100.0%	8	1	700.0%
EC/AD CROSS RATES	3,243	3,208	1.1%	10,453	-69.0%	51,292	68,352	-25.0%
EC/CD CROSS RATES	4,320	1,917	125.4%	16,772	-74.2%	70,685	44,435	59.1%
EC/NOK CROSS RATES	706	8	8,725.0%	2,374	-70.3%	8,935	1,907	368.5%
EC/SEK CROSS RATES	311	224	38.8%	1,491	-79.1%	6,385	6,270	1.8%
EFX/BP CROSS RATES	37,179	30,098	23.5%	138,240	-73.1%	584,183	670,023	-12.8%
EFX/JY CROSS RATES	34,304	23,282	47.3%	119,392	-71.3%	452,391	586,772	-22.9%
EFX/SF CROSS RATES	17,290	14,739	17.3%	61,272	-71.8%	254,597	373,939	-31.9%
E-MICRO USD/CAD	1,358	0	-	94	1,344.7%	1,704	0	-

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<b>FX Futures</b>								
E-MICRO USD/CHF	54	0	-	0	0.0%	83	0	-
E-MICRO USD/JPY	2,799	0	-	113	2,377.0%	2,921	0	-
E-MINI EURO FX	82,740	125,174	-33.9%	120,064	-31.1%	1,195,111	1,556,514	-23.2%
E-MINI JAPANESE YEN	10,608	6,438	64.8%	10,239	3.6%	92,776	209,280	-55.7%
EURO FX	3,409,081	3,726,299	-8.5%	5,100,239	-33.2%	40,136,007	46,188,735	-13.1%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0.0%	18	9	100.0%
HUNGARIAN FORINT (US)	3	3	0.0%	31	-90.3%	171	180	-5.0%
INDIAN RUPEE	16,464	20,347	-19.1%	15,516	6.1%	143,504	273,356	-47.5%
JAPANESE YEN	2,332,063	1,762,143	32.3%	2,825,540	-17.5%	22,238,484	24,279,905	-8.4%
KOREAN WON	984	1,149	-14.4%	2,438	-59.6%	19,227	9,484	102.7%
MEXICAN PESO	885,995	1,151,737	-23.1%	1,487,579	-40.4%	11,046,192	12,097,899	-8.7%
MICRO AUD/USD	196,181	200,786	-2.3%	184,515	6.3%	2,066,390	2,450,672	-15.7%
MICRO CAD/USD	55,291	27,307	102.5%	70,778	-21.9%	563,134	290,438	93.9%
MICRO CHF/USD	7,180	5,679	26.4%	9,751	-26.4%	86,798	41,343	109.9%
MICRO EUR/USD	421,912	459,026	-8.1%	465,207	-9.3%	4,803,593	4,911,000	-2.2%
MICRO GBP/USD	104,204	93,773	11.1%	88,199	18.1%	770,095	693,488	11.0%
MICRO INR/USD	1,188	1,917	-38.0%	1,565	-24.1%	17,534	21,958	-20.1%
MICRO JPY/USD	46,053	22,236	107.1%	39,505	16.6%	346,054	291,586	18.7%
MICRO USD/CNH	0	0	-	0	0.0%	36	0	-
NEW ZEALND DOLLAR	530,654	462,630	14.7%	656,456	-19.2%	5,989,589	6,258,768	-4.3%
NKR/USD CROSS RATE	2,770	2,097	32.1%	7,286	-62.0%	55,851	54,567	2.4%
POLISH ZLOTY (EC)	66	10	560.0%	370	-82.2%	1,414	586	141.3%
POLISH ZLOTY (US)	699	771	-9.3%	1,794	-61.0%	9,237	8,752	5.5%
RMB USD	0	0	0.0%	0	0.0%	3	5	-40.0%
RUSSIAN RUBLE	117,753	80,406	46.4%	202,604	-41.9%	1,113,299	1,143,663	-2.7%
S.AFRICAN RAND	51,173	50,534	1.3%	101,237	-49.5%	601,070	791,272	-24.0%
SF/JY CROSS RATES	74	4	1,750.0%	40	85.0%	545	274	98.9%
SHEKEL	16	8	100.0%	2	700.0%	34	133	-74.4%
SKR/USD CROSS RATES	4,793	6,140	-21.9%	9,377	-48.9%	58,576	53,370	9.8%
SWISS FRANC	466,578	408,270	14.3%	634,655	-26.5%	4,925,335	5,850,028	-15.8%
TURKISH LIRA	16	45	-64.4%	134	-88.1%	885	8,102	-89.1%
USDZAR	1	0	0.0%	7	-85.7%	72	0	0.0%
<b>FX Options</b>								
AUD/USD MONDAY OPTION WEE	1,142	139	721.6%	683	67.2%	4,654	3,526	32.0%
AUD/USD MONDAY OPTION WEE	1,245	11	11,218.2%	302	312.3%	4,476	1,683	166.0%
AUD/USD MONDAY OPTION WEE	797	214	272.4%	253	215.0%	4,484	2,540	76.5%
AUD/USD MONDAY OPTION WEE	516	627	-17.7%	398	29.6%	4,512	2,341	92.7%
AUD/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	1,370	722	89.8%
AUD/USD MONTHLY OPTIONS	104,917	47,481	121.0%	115,075	-8.8%	868,567	727,221	19.4%
AUD/USD WKLY FRIDAY OPTION	119	185	-35.7%	2,881	-95.9%	7,231	5,583	29.5%
AUD/USD WKLY FRIDAY OPTION	1,945	683	184.8%	1,865	4.3%	16,925	39,146	-56.8%
AUD/USD WKLY FRIDAY OPTION	2,799	1,677	66.9%	4,032	-30.6%	27,692	35,736	-22.5%
AUD/USD WKLY FRIDAY OPTION	2,684	2,145	25.1%	4,405	-39.1%	29,817	39,976	-25.4%
AUD/USD WKLY FRIDAY OPTION	3,366	4,083	-17.6%	418	705.3%	8,641	17,621	-51.0%
AUD/USD WKLY WED OPTIONS -	3,362	1,447	132.3%	147	2,187.1%	13,095	13,291	-1.5%
AUD/USD WKLY WED OPTIONS -	717	461	55.5%	1,369	-47.6%	8,146	13,186	-38.2%
AUD/USD WKLY WED OPTIONS -	127	588	-78.4%	205	-38.0%	3,068	8,290	-63.0%
AUD/USD WKLY WED OPTIONS -	576	1,456	-60.4%	968	-40.5%	9,069	13,540	-33.0%
AUD/USD WKLY WED OPTIONS -	0	0	0.0%	577	-100.0%	1,985	5,991	-66.9%

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<b>FX Options</b>								
BRL/USD MONTHLY OPTIONS	501	2	24,950.0%	200	150.5%	3,291	677	386.1%
CAD/USD MONDAY OPTIONS WE	1,248	710	75.8%	1,686	-26.0%	8,895	3,155	181.9%
CAD/USD MONDAY OPTIONS WE	723	389	85.9%	4,455	-83.8%	15,720	1,953	704.9%
CAD/USD MONDAY OPTIONS WE	400	2,600	-84.6%	6,008	-93.3%	10,304	8,209	25.5%
CAD/USD MONDAY OPTIONS WE	802	630	27.3%	7,502	-89.3%	22,507	5,272	326.9%
CAD/USD MONDAY OPTIONS WE	0	0	0.0%	0	0.0%	3,147	3,085	2.0%
CAD/USD MONTHLY OPTIONS	77,830	31,531	146.8%	140,349	-44.5%	799,106	475,465	68.1%
CAD/USD WKLY FRIDAY OPTION	710	956	-25.7%	11,817	-94.0%	27,536	12,433	121.5%
CAD/USD WKLY FRIDAY OPTION	2,834	1,169	142.4%	5,808	-51.2%	45,764	64,413	-29.0%
CAD/USD WKLY FRIDAY OPTION	7,211	7,089	1.7%	14,049	-48.7%	76,730	65,245	17.6%
CAD/USD WKLY FRIDAY OPTION	5,653	9,297	-39.2%	28,071	-79.9%	95,910	73,052	31.3%
CAD/USD WKLY FRIDAY OPTION	10,929	4,928	121.8%	1,820	500.5%	28,327	31,563	-10.3%
CAD/USD WKLY WED OPTIONS -	2,864	2,244	27.6%	5,461	-47.6%	21,192	22,621	-6.3%
CAD/USD WKLY WED OPTIONS -	1,273	1,636	-22.2%	1,527	-16.6%	18,371	17,587	4.5%
CAD/USD WKLY WED OPTIONS -	1,500	2,118	-29.2%	8,888	-83.1%	23,667	18,781	26.0%
CAD/USD WKLY WED OPTIONS -	785	3,189	-75.4%	13,014	-94.0%	26,341	24,968	5.5%
CAD/USD WKLY WED OPTIONS -	0	0	0.0%	6,294	-100.0%	9,535	8,199	16.3%
CHF/USD MONTHLY OPTIONS	10,782	5,966	80.7%	7,061	52.7%	55,476	35,965	54.2%
CHF/USD WKLY FRIDAY OPTION	0	0	0.0%	110	-100.0%	411	139	195.7%
CHF/USD WKLY FRIDAY OPTION	52	253	-79.4%	47	10.6%	2,292	1,758	30.4%
CHF/USD WKLY FRIDAY OPTION	179	13	1,276.9%	160	11.9%	1,882	1,042	80.6%
CHF/USD WKLY FRIDAY OPTION	45	13	246.2%	56	-19.6%	2,431	1,445	68.2%
CHF/USD WKLY FRIDAY OPTION	44	918	-95.2%	0	0.0%	282	1,824	-84.5%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	6	-100.0%	6	0	0.0%
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	0.0%	0	0	-
EUR/USD MONDAY OPTION WEE	3,550	5,119	-30.7%	947	274.9%	21,432	17,361	23.4%
EUR/USD MONDAY OPTION WEE	9,803	1,752	459.5%	107	9,061.7%	22,924	13,471	70.2%
EUR/USD MONDAY OPTION WEE	2,530	381	564.0%	1,340	88.8%	15,588	19,355	-19.5%
EUR/USD MONDAY OPTION WEE	1,374	1,412	-2.7%	5,771	-76.2%	27,964	20,748	34.8%
EUR/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	5,945	7,186	-17.3%
EUR/USD MONTHLY OPTIONS	200,522	195,832	2.4%	173,845	15.3%	2,038,226	2,793,987	-27.0%
EUR/USD WKLY FRIDAY OPTION	358	1,622	-77.9%	18,619	-98.1%	50,664	29,159	73.8%
EUR/USD WKLY FRIDAY OPTION	8,474	2,956	186.7%	10,646	-20.4%	129,114	183,187	-29.5%
EUR/USD WKLY FRIDAY OPTION	22,122	14,080	57.1%	21,147	4.6%	202,282	207,226	-2.4%
EUR/USD WKLY FRIDAY OPTION	16,927	18,673	-9.4%	27,389	-38.2%	189,226	221,774	-14.7%
EUR/USD WKLY FRIDAY OPTION	24,176	15,772	53.3%	3,392	612.7%	85,773	80,086	7.1%
EUR/USD WKLY WED OPTIONS -	8,293	13,242	-37.4%	4,347	90.8%	67,090	101,162	-33.7%
EUR/USD WKLY WED OPTIONS -	6,187	4,937	25.3%	3,390	82.5%	70,368	80,833	-12.9%
EUR/USD WKLY WED OPTIONS -	4,854	7,210	-32.7%	3,558	36.4%	68,398	80,627	-15.2%
EUR/USD WKLY WED OPTIONS -	8,530	8,469	0.7%	8,230	3.6%	89,824	79,113	13.5%
EUR/USD WKLY WED OPTIONS -	0	0	0.0%	12,756	-100.0%	25,392	34,150	-25.6%
GBP/USD MONDAY OPTION WEE	1,106	1,935	-42.8%	967	14.4%	5,200	7,098	-26.7%
GBP/USD MONDAY OPTION WEE	677	1,033	-34.5%	302	124.2%	7,248	4,208	72.2%
GBP/USD MONDAY OPTION WEE	1,658	1,498	10.7%	486	241.2%	4,031	5,911	-31.8%
GBP/USD MONDAY OPTION WEE	1,236	2,617	-52.8%	1,361	-9.2%	7,355	9,202	-20.1%
GBP/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	2,454	1,435	71.0%
GBP/USD MONTHLY OPTIONS	87,773	117,448	-25.3%	70,422	24.6%	743,881	915,256	-18.7%
GBP/USD WKLY FRIDAY OPTION	80	2,429	-96.7%	4,251	-98.1%	12,507	10,487	19.3%
GBP/USD WKLY FRIDAY OPTION	3,367	1,971	70.8%	1,564	115.3%	25,336	35,540	-28.7%
GBP/USD WKLY FRIDAY OPTION	2,223	5,570	-60.1%	3,940	-43.6%	31,079	39,995	-22.3%
GBP/USD WKLY FRIDAY OPTION	5,459	4,069	34.2%	3,932	38.8%	37,872	35,241	7.5%

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	VOLUME OCT 2021	VOLUME OCT 2020	% CHG	VOIUME SEP 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>FX Options</b>								
GBP/USD WKLY FRIDAY OPTION	2,012	3,442	-41.5%	833	141.5%	11,057	16,662	-33.6%
GBP/USD WKLY WED OPTIONS -	2,054	2,108	-2.6%	259	693.1%	12,201	16,663	-26.8%
GBP/USD WKLY WED OPTIONS -	1,205	537	124.4%	308	291.2%	7,183	9,674	-25.7%
GBP/USD WKLY WED OPTIONS -	1,000	358	179.3%	174	474.7%	6,771	15,971	-57.6%
GBP/USD WKLY WED OPTIONS -	2,344	828	183.1%	1,298	80.6%	12,478	14,010	-10.9%
GBP/USD WKLY WED OPTIONS -	0	0	0.0%	690	-100.0%	2,591	7,180	-63.9%
JPY/USD MONDAY OPTION WEE	1,061	1,295	-18.1%	195	444.1%	4,352	8,895	-51.1%
JPY/USD MONDAY OPTION WEE	920	584	57.5%	801	14.9%	6,011	12,464	-51.8%
JPY/USD MONDAY OPTION WEE	210	204	2.9%	201	4.5%	3,892	7,586	-48.7%
JPY/USD MONDAY OPTION WEE	673	3,135	-78.5%	1,694	-60.3%	4,279	8,281	-48.3%
JPY/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	2,697	2,653	1.7%
JPY/USD MONTHLY OPTIONS	111,977	84,352	32.7%	91,443	22.5%	880,405	1,212,522	-27.4%
JPY/USD WKLY FRIDAY OPTION	9	302	-97.0%	7,361	-99.9%	28,897	17,542	64.7%
JPY/USD WKLY FRIDAY OPTION	2,213	913	142.4%	5,875	-62.3%	52,691	109,542	-51.9%
JPY/USD WKLY FRIDAY OPTION	13,792	7,880	75.0%	9,161	50.6%	99,162	122,802	-19.3%
JPY/USD WKLY FRIDAY OPTION	12,059	11,098	8.7%	10,299	17.1%	92,942	118,698	-21.7%
JPY/USD WKLY FRIDAY OPTION	10,959	10,096	8.5%	724	1,413.7%	36,687	48,667	-24.6%
JPY/USD WKLY WED OPTIONS -	5,655	5,260	7.5%	2,647	113.6%	28,311	51,481	-45.0%
JPY/USD WKLY WED OPTIONS -	5,641	1,572	258.8%	3,921	43.9%	37,354	39,951	-6.5%
JPY/USD WKLY WED OPTIONS -	4,877	2,897	68.3%	1,507	223.6%	34,797	46,591	-25.3%
JPY/USD WKLY WED OPTIONS -	6,027	2,312	160.7%	2,983	102.0%	31,885	48,863	-34.7%
JPY/USD WKLY WED OPTIONS -	0	0	0.0%	2,338	-100.0%	9,879	13,718	-28.0%
MXN/USD MONTHLY OPTIONS	2,790	1,038	168.8%	3,861	-27.7%	14,582	17,083	-14.6%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	4,413	-100.0%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	604	1,748	-65.4%
MXN/USD WKLY FRIDAY OPTION	0	276	-100.0%	0	0.0%	552	2,174	-74.6%
MXN/USD WKLY FRIDAY OPTION	0	326	-100.0%	300	-100.0%	631	2,676	-76.4%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	152	-100.0%
NZD/USD MONTHLY OPTIONS	553	177	212.4%	29	1,806.9%	2,061	4,831	-57.3%
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	50	-100.0%
NZD/USD WKLY FRIDAY OPTION	55	0	0.0%	0	0.0%	67	0	0.0%
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	375	-100.0%
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
RUB/USD MONTHLY OPTIONS	0	98	-100.0%	0	0.0%	68	191	-64.4%
<b>Foreign Exchange Futures</b>								
CHILEAN PESO	0	0	0.0%	0	-	0	0	0.0%
<b>Foreign Exchange Options</b>								
AUD/USD WKLY WED OPTIONS -	173	317	-45.4%	49	253.1%	4,533	8,210	-44.8%



## CME Exchange Volume Report - Monthly

	VOLUME OCT 2021	VOLUME OCT 2020	% CHG	VOIUME SEP 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Ag Products Futures</b>								
BLOCK CHEESE	645	214	201.4%	185	248.6%	7,860	2,525	211.3%
BUTTER CS	3,694	4,980	-25.8%	3,322	11.2%	41,115	58,669	-29.9%
CASH-SETTLED CHEESE	11,058	14,591	-24.2%	10,231	8.1%	117,524	133,747	-12.1%
CAT ASIA WEATHER	0	0	0.0%	0	0.0%	1,200	7,800	-84.6%
CATTLE	888,846	1,239,840	-28.3%	1,366,792	-35.0%	11,713,722	14,021,449	-16.5%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0.0%	500	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	6,275	750	736.7%
CDD WEATHER	0	0	0.0%	100	-100.0%	9,325	9,650	-3.4%
CLASS IV MILK	4,234	394	974.6%	2,117	100.0%	13,972	25,228	-44.6%
DRY WHEY	1,335	1,576	-15.3%	1,147	16.4%	19,850	14,078	41.0%
FEEDER CATTLE	253,647	297,802	-14.8%	342,624	-26.0%	2,595,814	2,768,274	-6.2%
GOLDMAN SACHS	3,965	12,108	-67.3%	3,821	3.8%	88,021	149,934	-41.3%
GSCI EXCESS RETURN FUT	1,221	1,358	-10.1%	110,249	-98.9%	373,248	282,496	32.1%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	150	0	0.0%	350	-57.1%	500	0	0.0%
HDD WEATHER	8,000	8,800	-9.1%	1,150	595.7%	20,650	32,975	-37.4%
HDD WEATHER EUROPEAN	2,250	1,000	125.0%	0	0.0%	6,850	2,000	242.5%
HOGS	748,668	872,973	-14.2%	1,099,664	-31.9%	9,690,080	10,859,586	-10.8%
HOUSING INDEX	10	2	400.0%	26	-61.5%	132	262	-49.6%
LUMBER	7,935	9,071	-12.5%	6,196	28.1%	98,908	134,198	-26.3%
MALAYSIAN PALM SWAP	3,840	5,203	-26.2%	4,560	-15.8%	88,056	34,613	154.4%
MILK	30,414	36,808	-17.4%	22,299	36.4%	245,450	356,098	-31.1%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	6,238	5,786	7.8%	4,290	45.4%	55,682	82,753	-32.7%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	1,000	-100.0%	1,000	1,300	-23.1%
PORK CUTOUT	966	0	-	1,407	-31.3%	24,161	0	-
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	2,002	-100.0%	6,006	22,572	-73.4%
USD CRUDE PALM OIL	23,014	3,650	530.5%	13,636	68.8%	76,208	31,391	142.8%



## CME Exchange Volume Report - Monthly

	VOLUME OCT 2021	VOLUME OCT 2020	% CHG	VOIUME SEP 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Ag Products Options</b>								
BLOCK CHEESE	42	359	-88.3%	540	-92.2%	3,129	8,204	-61.9%
BUTTER CS	2,339	1,851	26.4%	1,137	105.7%	20,053	29,572	-32.2%
CASH-SETTLED CHEESE	4,538	15,853	-71.4%	1,519	198.7%	64,193	118,999	-46.1%
CATTLE	166,786	214,235	-22.1%	225,395	-26.0%	1,893,460	2,305,119	-17.9%
CAT WEATHER EUROPEAN	0	0	0.0%	0	-	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	8,450	2,000	322.5%
CDD WEATHER	0	0	-	0	0.0%	6,250	0	-
CLASS IV MILK	7,972	706	1,029.2%	5,602	42.3%	39,459	45,508	-13.3%
DRY WHEY	12	24	-50.0%	92	-87.0%	1,758	4,383	-59.9%
FEEDER CATTLE	22,837	28,256	-19.2%	22,673	0.7%	216,053	259,745	-16.8%
HDD EURO SEASONAL STRIP	500	6,000	-91.7%	1,000	-50.0%	2,000	6,000	-66.7%
HDD SEASONAL STRIP	2,500	1,000	150.0%	15,420	-83.8%	28,920	1,000	2,792.0%
HDD WEATHER	1,000	475	110.5%	0	0.0%	7,250	4,975	45.7%
HDD WEATHER EUROPEAN	4,000	0	-	17,000	-76.5%	22,250	0	-
HOGS	164,408	177,299	-7.3%	266,144	-38.2%	2,054,914	2,710,922	-24.2%
HOUSING INDEX	0	0	0.0%	0	0.0%	0	0	0.0%
LUMBER	379	579	-34.5%	520	-27.1%	7,109	8,837	-19.6%
LV CATL CSO	0	0	0.0%	0	0.0%	0	0	0.0%
MILK	31,369	39,803	-21.2%	23,893	31.3%	261,278	468,472	-44.2%
MLK MID OPTIONS	1	7	-85.7%	4	-75.0%	16	124	-87.1%
NFD MILK	2,975	4,791	-37.9%	2,519	18.1%	40,633	78,531	-48.3%
PORK CUTOUT	1	0	-	10	-90.0%	750	0	-



## CME Exchange Volume Report - Monthly

	VOLUME OCT 2021	VOLUME OCT 2020	% CHG	VOIUME SEP 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	72,601,127	28,255,606	156.9%	46,883,631	54.9%	534,552,536	450,889,759	18.6%
Equity Index Futures	86,664,976	97,454,826	-11.1%	105,763,413	-18.1%	909,915,352	980,737,415	-7.2%
FX Futures	14,275,601	14,789,796	-3.5%	19,537,308	-26.9%	157,468,518	172,277,225	-8.6%
Foreign Exchange Futures	0	0	0.0%	0	-	0	0	0.0%
Ag Products Futures	2,000,130	2,516,156	-20.5%	2,997,168	-33.3%	25,302,109	29,032,348	-12.8%
<b>TOTAL FUTURES</b>	<b>175,541,834</b>	<b>143,016,384</b>	<b>22.7%</b>	<b>175,181,520</b>	<b>0.2%</b>	<b>1,627,238,515</b>	<b>1,632,936,747</b>	<b>-0.3%</b>
<b>TOTAL OPTIONS GROUP</b>								
Equity Index Options	19,129,233	14,476,877	32.1%	19,881,511	-3.8%	147,159,416	157,360,662	-6.5%
Interest Rate Options	30,599,829	9,978,492	206.7%	17,807,653	71.8%	215,970,387	246,967,990	-12.6%
FX Options	860,042	707,963	21.5%	929,578	-7.5%	7,725,115	8,827,151	-12.5%
Ag Products Options	411,659	491,238	-16.2%	583,468	-29.4%	4,677,925	6,052,391	-22.7%
Foreign Exchange Options	173	317	-45.4%	49	253.1%	4,533	8,210	-44.8%
<b>TOTAL OPTIONS</b>	<b>51,000,936</b>	<b>25,654,887</b>	<b>98.8%</b>	<b>39,202,259</b>	<b>30.1%</b>	<b>375,537,376</b>	<b>419,216,404</b>	<b>-10.4%</b>
<b>TOTAL COMBINED</b>								
Interest Rate	103,200,956	38,234,098	169.9%	64,691,284	59.5%	750,522,923	697,857,749	7.5%
Equity Index	105,794,209	111,931,703	-5.5%	125,644,924	-15.8%	1,057,074,768	1,138,098,077	-7.1%
FX	15,135,643	15,497,759	-2.3%	20,466,886	-26.0%	165,193,633	181,104,376	-8.8%
Foreign Exchange	173	317	-45.4%	49	253.1%	4,533	8,210	-44.8%
Ag Products	2,411,789	3,007,394	-19.8%	3,580,636	-32.6%	29,980,034	35,084,739	-14.5%
<b>GRAND TOTAL</b>	<b>226,542,770</b>	<b>168,671,271</b>	<b>34.3%</b>	<b>214,383,779</b>	<b>5.7%</b>	<b>2,002,775,891</b>	<b>2,052,153,151</b>	<b>-2.4%</b>

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