



CME Exchange Volume Report - Monthly

	VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	670	0	0.0%	0	0.0%	672	826	-18.6%
EURODOLLARS	43,350,332	30,892,952	40.3%	60,504,873	-28.4%	610,431,078	509,912,503	19.7%
SOFR	6,360,164	1,461,477	335.2%	6,390,593	-0.5%	39,928,510	12,843,811	210.9%
SONIA	1,583	132,578	-98.8%	5,403	-70.7%	805,095	2,007,954	-59.9%
TIIE	54	0	-	39	38.5%	892	0	-
Interest Rate Options								
EURODOLLARS	9,787,076	3,785,897	158.5%	10,402,163	-5.9%	64,034,656	184,852,363	-65.4%
EURO MIDCURVE	11,048,201	4,832,194	128.6%	19,749,050	-44.1%	202,913,484	82,725,939	145.3%
SOFR	204	6,000	-96.6%	15	1,260.0%	8,956	9,124	-1.8%

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Equity Index Futures								
BITCOIN FUTURES	173,229	245,929	-29.6%	203,669	-14.9%	2,528,772	2,221,723	13.8%
E-MINI COM SERVICES SELECT	6,700	6,724	-0.4%	1,901	252.4%	47,889	59,489	-19.5%
E-mini FTSE 100 (USD)	0	0	0.0%	0	-	0	0	0.0%
E-mini FTSE China 50	139	0	0.0%	94	47.9%	898	2	44,800.0%
E-MINI MIDCAP	431,447	488,901	-11.8%	285,053	51.4%	3,328,874	4,532,446	-26.6%
E-MINI NASDAQ 100	14,268,367	9,987,179	42.9%	11,829,145	20.6%	140,406,331	146,717,097	-4.3%
E-MINI RUSSELL 1000	49,964	18,108	175.9%	6,749	640.3%	166,062	106,949	55.3%
E-MINI RUSSELL 1000 GROWTH	13,637	9,647	41.4%	3,078	343.0%	66,580	64,431	3.3%
E-MINI RUSSELL 1000 VALUE	52,649	43,492	21.1%	14,769	256.5%	364,515	157,606	131.3%
E-MINI RUSSELL 2000	6,287,238	4,700,342	33.8%	4,357,838	44.3%	52,080,430	51,918,970	0.3%
E-MINI S&P500	44,601,100	34,202,934	30.4%	29,497,705	51.2%	403,642,202	502,226,732	-19.6%
E-MINI S&P500 ESG	53,212	29,160	82.5%	14,627	263.8%	264,928	137,246	93.0%
E-MINI S&P REAL ESTATE SELE	15,729	10,916	44.1%	2,323	577.1%	108,102	104,879	3.1%
ETHER FUTURES	90,851	0	-	122,342	-25.7%	888,702	0	-
FT-SE 100	819	1	81,800.0%	26	3,050.0%	2,198	9	24,322.2%
FTSE Emerging	0	25	-100.0%	0	0.0%	5	4,798	-99.9%
IBOVESPA INDEX	71	187	-62.0%	266	-73.3%	2,570	4,668	-44.9%
MICRO BITCOIN FUTURES	419,547	0	-	579,892	-27.7%	3,727,727	0	-
MICRO E-MINI NASDAQ 100	24,614,942	16,275,693	51.2%	21,324,242	15.4%	239,115,577	178,531,164	33.9%
MICRO E-MINI RUSSELL 2000	4,073,952	1,982,659	105.5%	3,738,620	9.0%	39,150,463	23,672,428	65.4%
MICRO E-MINI S&P500	21,948,911	16,318,013	34.5%	18,104,077	21.2%	218,602,634	226,808,530	-3.6%
MICRO ETHER FUTURES	208,824	0	-	0	-	208,824	0	-
NASDAQ-100 VOLATILITY	0	6	-100.0%	14	-100.0%	111	23	382.6%
NASDAQ BIOTECH	198	285	-30.5%	53	273.6%	7,335	6,334	15.8%
Nearby BTIC+	650	0	0.0%	0	0.0%	1,106	1,177	-6.0%
NIKKEI 225 (\$) STOCK	154,574	135,014	14.5%	98,152	57.5%	1,589,832	2,260,193	-29.7%
NIKKEI 225 (YEN) STOCK	741,258	641,964	15.5%	654,782	13.2%	8,120,411	11,252,533	-27.8%
S&P 500	137,175	142,283	-3.6%	20,449	570.8%	1,276,005	1,586,027	-19.5%
S&P 500 ANNUAL DIVIDEND IND	74,486	29,489	152.6%	40,589	83.5%	738,840	683,336	8.1%
S&P 500/GI	0	0	0.0%	0	0.0%	0	0	0.0%
S&P 500 QUARLY DIVIDEND IND	8,110	1,890	329.1%	4,560	77.9%	36,459	15,279	138.6%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	0.0%	0	3,504	-100.0%
S&P CONSUMER DSCRTRNRY SE	17,362	20,898	-16.9%	13,471	28.9%	150,824	125,390	20.3%
S&P CONSUMER STAPLES SECT	45,165	37,851	19.3%	11,829	281.8%	422,640	298,942	41.4%
S&P ENERGY SECTOR	91,311	66,125	38.1%	39,709	130.0%	641,070	426,630	50.3%
S&P FINANCIAL SECTOR	78,807	83,259	-5.3%	33,435	135.7%	743,111	390,959	90.1%
S&P HEALTH CARE SECTOR	61,360	31,347	95.7%	15,511	295.6%	330,229	222,608	48.3%
S&P INDUSTRIAL SECTOR	41,129	52,094	-21.0%	7,723	432.6%	297,648	246,340	20.8%
S&P MATERIALS SECTOR	33,803	25,482	32.7%	10,770	213.9%	183,113	126,473	44.8%
S&P TECHNOLOGY SECTOR	40,152	27,122	48.0%	11,300	255.3%	207,368	197,801	4.8%
S&P UTILITIES SECTOR	52,692	49,126	7.3%	20,409	158.2%	396,979	329,203	20.6%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0.0%	2,480	0	0.0%
WATER INDEX FUTURES	39	94	-58.5%	1	3,800.0%	986	94	948.9%
YEN DENOMINATED TOPIX	3,883	1,672	132.2%	4,039	-3.9%	31,216	77,860	-59.9%

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Equity Index Options								
BITCOIN OPTIONS	1,929	3,476	-44.5%	1,634	18.1%	17,591	37,332	-52.9%
E-MINI NASDAQ 100	689,271	262,327	162.8%	643,663	7.1%	6,981,883	4,029,014	73.3%
E-MINI RUSSELL 2000	46,727	16,753	178.9%	62,809	-25.6%	386,423	230,424	67.7%
E-MINI S&P500	11,344,349	5,917,491	91.7%	9,503,775	19.4%	83,666,476	84,727,423	-1.3%
EOM E-MINI RUSSELL 2000 END	36,820	19,353	90.3%	25,721	43.2%	268,359	116,366	130.6%
EOM EMINI S&P	2,953,733	1,242,052	137.8%	2,623,340	12.6%	25,489,439	23,023,550	10.7%
EOM S&P 500	19,000	48,276	-60.6%	0	0.0%	328,253	677,084	-51.5%
EOW1 E-MINI RUSSELL 2000 WE	13,502	2,406	461.2%	20,087	-32.8%	144,857	50,285	188.1%
EOW1 EMINI S&P 500	2,091,839	392,686	432.7%	1,617,389	29.3%	14,045,723	12,023,282	16.8%
EOW1 S&P 500	0	16,225	-100.0%	0	0.0%	227,840	454,185	-49.8%
EOW2 E-MINI RUSSELL 2000 WE	14,986	7,888	90.0%	16,537	-9.4%	164,102	80,323	104.3%
EOW2 EMINI S&P 500	1,894,415	941,003	101.3%	1,528,211	24.0%	14,775,124	12,873,879	14.8%
EOW2 S&P 500	0	48,179	-100.0%	0	0.0%	397,309	841,218	-52.8%
EOW3 E-MINI RUSSELL 2000 WE	34,538	14,679	135.3%	38,925	-11.3%	387,324	205,288	88.7%
EOW3 EMINI S&P 500	1,932,609	1,236,307	56.3%	2,537,299	-23.8%	26,797,698	27,386,900	-2.2%
EOW3 S&P 500	0	13,650	-100.0%	0	0.0%	260,587	693,405	-62.4%
EOW4 E-MINI RUSSELL 2000 WE	13,839	6,220	122.5%	14,631	-5.4%	176,716	46,721	278.2%
EOW4 EMINI S&P 500	1,547,294	588,852	162.8%	1,252,028	23.6%	11,968,840	10,270,410	16.5%
MICRO E-MINI NASDAQ	16,569	2,460	573.5%	8,191	102.3%	80,775	6,839	1,081.1%
MICRO E-MINI NASDAQ 100	15,553	0	-	8,936	74.0%	27,695	0	-
MICRO E-MINI NASDAQ END OF	13,748	1,684	716.4%	8,941	53.8%	98,521	6,505	1,414.5%
MICRO E-MINI NASDAQ WEEKLY	32,583	4,268	663.4%	29,438	10.7%	263,353	25,079	950.1%
MICRO E-MINI S&P 500	71,505	22,233	221.6%	41,537	72.1%	392,204	86,488	353.5%
MICRO E-MINI S&P 500 END OF	63,425	16,617	281.7%	58,862	7.8%	506,591	113,327	347.0%
MICRO E-MINI S&P 500 WEEKLY	139,267	46,470	199.7%	147,115	-5.3%	1,179,998	331,258	256.2%
S&P 500	0	162,388	-100.0%	0	0.0%	1,302,305	1,644,423	-20.8%
FX Futures								
AD/CD CROSS RATES	74	12	516.7%	0	0.0%	300	222	35.1%
AD/JY CROSS RATES	3,883	1,873	107.3%	3,139	23.7%	30,255	29,986	0.9%
AD/NE CROSS RATES	349	278	25.5%	507	-31.2%	4,030	3,504	15.0%
AUSTRALIAN DOLLAR	2,112,336	2,337,311	-9.6%	1,825,027	15.7%	24,590,713	25,910,300	-5.1%
BP/JY CROSS RATES	4,226	3,067	37.8%	2,498	69.2%	34,547	38,953	-11.3%
BP/SF CROSS RATES	5,807	695	735.5%	1,391	317.5%	17,832	5,042	253.7%
BRAZIL REAL	269,910	205,280	31.5%	229,473	17.6%	3,012,135	2,633,343	14.4%
BRITISH POUND	2,479,942	3,325,490	-25.4%	2,050,731	20.9%	24,246,009	27,991,765	-13.4%
CANADIAN DOLLAR	1,895,848	1,895,192	0.0%	1,566,495	21.0%	20,102,474	19,466,442	3.3%
CD/JY CROSS RATES	52	11	372.7%	601	-91.3%	3,359	609	451.6%
CHINESE RENMINBI (CNH)	21,882	35,935	-39.1%	16,254	34.6%	203,063	277,829	-26.9%
CZECK KORUNA (EC)	0	4	-100.0%	0	0.0%	8	30	-73.3%
CZECK KORUNA (US)	0	0	0.0%	4	-100.0%	12	2	500.0%
EC/AD CROSS RATES	8,477	14,816	-42.8%	3,762	125.3%	63,531	85,675	-25.8%
EC/CD CROSS RATES	19,136	9,635	98.6%	4,358	339.1%	94,179	55,827	68.7%
EC/NOK CROSS RATES	1,161	559	107.7%	190	511.1%	10,286	2,537	305.4%
EC/SEK CROSS RATES	2,622	1,404	86.8%	355	638.6%	9,362	8,089	15.7%
EFX/BP CROSS RATES	128,563	120,437	6.7%	37,727	240.8%	750,473	825,490	-9.1%
EFX/JY CROSS RATES	102,321	77,429	32.1%	39,436	159.5%	594,148	692,255	-14.2%
EFX/SF CROSS RATES	68,307	43,929	55.5%	25,738	165.4%	348,642	430,341	-19.0%
E-MICRO USD/CAD	900	0	-	490	83.7%	3,094	0	-

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FX Futures								
E-MICRO USD/CHF	111	0	-	49	126.5%	243	0	-
E-MICRO USD/JPY	3,638	0	-	5,033	-27.7%	11,592	0	-
E-MINI EURO FX	133,692	218,618	-38.8%	109,017	22.6%	1,437,820	1,917,534	-25.0%
E-MINI JAPANESE YEN	5,184	9,129	-43.2%	8,505	-39.0%	106,465	232,932	-54.3%
EURO FX	5,123,754	5,870,856	-12.7%	3,940,789	30.0%	49,200,550	55,419,194	-11.2%
HUNGARIAN FORINT (EC)	0	0	0.0%	22	-100.0%	40	11	263.6%
HUNGARIAN FORINT (US)	10	25	-60.0%	6	66.7%	187	214	-12.6%
INDIAN RUPEE	18,786	21,038	-10.7%	17,525	7.2%	179,815	317,569	-43.4%
JAPANESE YEN	2,377,560	2,597,278	-8.5%	2,484,993	-4.3%	27,101,037	28,945,380	-6.4%
KOREAN WON	1,471	3,105	-52.6%	1,024	43.7%	21,722	13,713	58.4%
MEXICAN PESO	1,150,833	1,498,883	-23.2%	1,115,923	3.1%	13,312,948	14,804,097	-10.1%
MICRO AUD/USD	317,005	261,617	21.2%	314,611	0.8%	2,698,006	2,970,125	-9.2%
MICRO CAD/USD	68,575	32,267	112.5%	55,396	23.8%	687,105	360,021	90.9%
MICRO CHF/USD	8,173	10,126	-19.3%	10,691	-23.6%	105,662	62,071	70.2%
MICRO EUR/USD	574,447	614,152	-6.5%	580,150	-1.0%	5,958,190	6,046,141	-1.5%
MICRO GBP/USD	109,113	152,957	-28.7%	146,207	-25.4%	1,025,415	933,208	9.9%
MICRO INR/USD	709	2,212	-67.9%	738	-3.9%	18,981	26,073	-27.2%
MICRO JPY/USD	47,740	29,039	64.4%	86,243	-44.6%	480,037	348,677	37.7%
MICRO USD/CNH	0	0	-	0	0.0%	36	0	-
NEW ZEALND DOLLAR	549,990	710,680	-22.6%	493,335	11.5%	7,032,914	7,508,683	-6.3%
NKR/USD CROSS RATE	5,680	11,736	-51.6%	3,861	47.1%	65,392	70,922	-7.8%
POLISH ZLOTY (EC)	406	148	174.3%	26	1,461.5%	1,846	740	149.5%
POLISH ZLOTY (US)	2,229	1,344	65.8%	808	175.9%	12,274	10,558	16.3%
RMB USD	0	0	0.0%	0	0.0%	3	5	-40.0%
RUSSIAN RUBLE	229,746	167,092	37.5%	174,114	32.0%	1,517,159	1,413,763	7.3%
S.AFRICAN RAND	96,552	87,609	10.2%	75,786	27.4%	773,408	932,704	-17.1%
SF/JY CROSS RATES	65	4	1,525.0%	50	30.0%	660	295	123.7%
SHEKEL	21	10	110.0%	25	-16.0%	80	144	-44.4%
SKR/USD CROSS RATES	6,264	10,884	-42.4%	4,910	27.6%	69,750	69,290	0.7%
SWISS FRANC	516,083	619,255	-16.7%	543,363	-5.0%	5,984,781	6,906,078	-13.3%
TURKISH LIRA	175	52	236.5%	6	2,816.7%	1,066	9,330	-88.6%
USDZAR	6	0	0.0%	1,207	-99.5%	1,285	0	0.0%
FX Options								
AUD/USD MONDAY OPTION WEE	209	951	-78.0%	1,969	-89.4%	6,832	4,522	51.1%
AUD/USD MONDAY OPTION WEE	489	1,220	-59.9%	150	226.0%	5,115	2,903	76.2%
AUD/USD MONDAY OPTION WEE	95	0	0.0%	153	-37.9%	4,732	2,940	61.0%
AUD/USD MONDAY OPTION WEE	451	85	430.6%	12	3,658.3%	4,975	2,426	105.1%
AUD/USD MONDAY OPTION WEE	0	0	0.0%	986	-100.0%	2,356	798	195.2%
AUD/USD MONTHLY OPTIONS	72,795	42,698	70.5%	82,580	-11.8%	1,023,942	823,799	24.3%
AUD/USD WKLY FRIDAY OPTION	0	561	-100.0%	0	0.0%	7,231	6,144	17.7%
AUD/USD WKLY FRIDAY OPTION	2,353	2,317	1.6%	3,424	-31.3%	22,702	44,211	-48.7%
AUD/USD WKLY FRIDAY OPTION	2,753	2,643	4.2%	2,484	10.8%	32,929	41,552	-20.8%
AUD/USD WKLY FRIDAY OPTION	1,557	1,346	15.7%	4,213	-63.0%	35,587	44,898	-20.7%
AUD/USD WKLY FRIDAY OPTION	883	271	225.8%	496	78.0%	10,020	17,892	-44.0%
AUD/USD WKLY WED OPTIONS -	329	521	-36.9%	1,083	-69.6%	14,507	14,688	-1.2%
AUD/USD WKLY WED OPTIONS -	177	908	-80.5%	344	-48.5%	8,667	17,414	-50.2%
AUD/USD WKLY WED OPTIONS -	464	842	-44.9%	71	553.5%	3,603	9,624	-62.6%
AUD/USD WKLY WED OPTIONS -	786	1,261	-37.7%	516	52.3%	10,371	16,586	-37.5%
AUD/USD WKLY WED OPTIONS -	269	912	-70.5%	0	0.0%	2,254	6,903	-67.3%

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FX Options								
BRL/USD MONTHLY OPTIONS	1,068	22	4,754.5%	697	53.2%	5,056	707	615.1%
CAD/USD MONDAY OPTIONS WE	1,276	2,082	-38.7%	1,444	-11.6%	11,615	5,247	121.4%
CAD/USD MONDAY OPTIONS WE	1,570	100	1,470.0%	708	121.8%	17,998	2,423	642.8%
CAD/USD MONDAY OPTIONS WE	394	130	203.1%	378	4.2%	11,076	8,954	23.7%
CAD/USD MONDAY OPTIONS WE	379	850	-55.4%	386	-1.8%	23,272	6,122	280.1%
CAD/USD MONDAY OPTIONS WE	3	0	0.0%	1,224	-99.8%	4,374	3,435	27.3%
CAD/USD MONTHLY OPTIONS	107,459	38,493	179.2%	76,946	39.7%	983,511	548,548	79.3%
CAD/USD WKLY FRIDAY OPTION	0	2,977	-100.0%	0	0.0%	27,536	15,410	78.7%
CAD/USD WKLY FRIDAY OPTION	3,278	3,763	-12.9%	8,738	-62.5%	57,780	70,979	-18.6%
CAD/USD WKLY FRIDAY OPTION	5,714	8,222	-30.5%	7,869	-27.4%	90,313	78,825	14.6%
CAD/USD WKLY FRIDAY OPTION	4,777	4,348	9.9%	4,806	-0.6%	105,493	81,964	28.7%
CAD/USD WKLY FRIDAY OPTION	5,265	322	1,535.1%	120	4,287.5%	33,712	31,885	5.7%
CAD/USD WKLY WED OPTIONS -	1,400	1,531	-8.6%	2,089	-33.0%	24,681	25,598	-3.6%
CAD/USD WKLY WED OPTIONS -	760	464	63.8%	2,043	-62.8%	21,174	18,412	15.0%
CAD/USD WKLY WED OPTIONS -	3,184	815	290.7%	4,169	-23.6%	31,020	21,090	47.1%
CAD/USD WKLY WED OPTIONS -	1,942	920	111.1%	945	105.5%	29,228	26,741	9.3%
CAD/USD WKLY WED OPTIONS -	655	1,299	-49.6%	0	0.0%	10,190	9,498	7.3%
CHF/USD MONTHLY OPTIONS	21,661	2,435	789.6%	5,493	294.3%	82,630	42,706	93.5%
CHF/USD WKLY FRIDAY OPTION	0	22	-100.0%	0	0.0%	411	161	155.3%
CHF/USD WKLY FRIDAY OPTION	272	9	2,922.2%	1,091	-75.1%	3,655	2,252	62.3%
CHF/USD WKLY FRIDAY OPTION	99	59	67.8%	83	19.3%	2,064	1,354	52.4%
CHF/USD WKLY FRIDAY OPTION	382	7	5,357.1%	377	1.3%	3,190	1,456	119.1%
CHF/USD WKLY FRIDAY OPTION	22	0	0.0%	3	633.3%	307	1,824	-83.2%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0.0%	6	0	0.0%
EUR/GBP WKLY FRIDAY OPTION	0	250	-100.0%	100	-100.0%	100	250	-60.0%
EUR/USD MONDAY OPTION WEE	2,307	3,964	-41.8%	785	193.9%	24,524	22,580	8.6%
EUR/USD MONDAY OPTION WEE	2,814	4,292	-34.4%	714	294.1%	26,452	20,278	30.4%
EUR/USD MONDAY OPTION WEE	823	5,190	-84.1%	1,165	-29.4%	17,576	25,144	-30.1%
EUR/USD MONDAY OPTION WEE	917	751	22.1%	5,524	-83.4%	34,405	21,849	57.5%
EUR/USD MONDAY OPTION WEE	51	0	0.0%	3,149	-98.4%	9,145	9,785	-6.5%
EUR/USD MONTHLY OPTIONS	153,855	198,734	-22.6%	215,755	-28.7%	2,407,836	3,209,818	-25.0%
EUR/USD WKLY FRIDAY OPTION	0	6,339	-100.0%	0	0.0%	50,664	35,651	42.1%
EUR/USD WKLY FRIDAY OPTION	18,614	15,001	24.1%	30,613	-39.2%	178,341	219,397	-18.7%
EUR/USD WKLY FRIDAY OPTION	22,259	20,330	9.5%	33,627	-33.8%	258,168	239,059	8.0%
EUR/USD WKLY FRIDAY OPTION	19,446	10,067	93.2%	16,656	16.8%	225,328	248,198	-9.2%
EUR/USD WKLY FRIDAY OPTION	11,185	521	2,046.8%	163	6,762.0%	97,121	80,607	20.5%
EUR/USD WKLY WED OPTIONS -	3,092	5,589	-44.7%	8,027	-61.5%	78,209	114,044	-31.4%
EUR/USD WKLY WED OPTIONS -	5,931	7,992	-25.8%	9,353	-36.6%	85,652	95,697	-10.5%
EUR/USD WKLY WED OPTIONS -	4,360	11,036	-60.5%	9,834	-55.7%	82,592	96,784	-14.7%
EUR/USD WKLY WED OPTIONS -	2,734	9,479	-71.2%	10,856	-74.8%	103,414	94,622	9.3%
EUR/USD WKLY WED OPTIONS -	2,023	9,881	-79.5%	0	0.0%	27,415	44,031	-37.7%
GBP/USD MONDAY OPTION WEE	2,581	5,669	-54.5%	239	979.9%	8,020	12,806	-37.4%
GBP/USD MONDAY OPTION WEE	990	464	113.4%	729	35.8%	8,967	6,536	37.2%
GBP/USD MONDAY OPTION WEE	250	431	-42.0%	1,948	-87.2%	6,229	9,670	-35.6%
GBP/USD MONDAY OPTION WEE	130	456	-71.5%	3,233	-96.0%	10,718	12,508	-14.3%
GBP/USD MONDAY OPTION WEE	0	0	0.0%	584	-100.0%	3,038	1,814	67.5%
GBP/USD MONTHLY OPTIONS	58,829	144,296	-59.2%	72,330	-18.7%	875,040	1,156,868	-24.4%
GBP/USD WKLY FRIDAY OPTION	0	1,989	-100.0%	0	0.0%	12,507	12,476	0.2%
GBP/USD WKLY FRIDAY OPTION	1,977	3,244	-39.1%	7,720	-74.4%	35,033	41,709	-16.0%
GBP/USD WKLY FRIDAY OPTION	2,559	8,985	-71.5%	4,994	-48.8%	38,632	52,773	-26.8%
GBP/USD WKLY FRIDAY OPTION	3,388	3,679	-7.9%	3,754	-9.7%	45,014	41,256	9.1%

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	VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
FX Options								
GBP/USD WKLY FRIDAY OPTION	2,544	4	63,500.0%	503	405.8%	14,104	16,666	-15.4%
GBP/USD WKLY WED OPTIONS -	1,669	15	11,026.7%	1,288	29.6%	15,158	19,135	-20.8%
GBP/USD WKLY WED OPTIONS -	145	2,430	-94.0%	1,383	-89.5%	8,711	14,984	-41.9%
GBP/USD WKLY WED OPTIONS -	2,367	634	273.3%	2,656	-10.9%	11,794	19,335	-39.0%
GBP/USD WKLY WED OPTIONS -	1,322	2,401	-44.9%	3,775	-65.0%	17,575	16,998	3.4%
GBP/USD WKLY WED OPTIONS -	582	481	21.0%	0	0.0%	3,173	7,661	-58.6%
JPY/USD MONDAY OPTION WEE	169	954	-82.3%	121	39.7%	4,642	9,849	-52.9%
JPY/USD MONDAY OPTION WEE	1,452	734	97.8%	136	967.6%	7,599	15,103	-49.7%
JPY/USD MONDAY OPTION WEE	40	465	-91.4%	208	-80.8%	4,140	9,233	-55.2%
JPY/USD MONDAY OPTION WEE	91	604	-84.9%	640	-85.8%	5,010	9,005	-44.4%
JPY/USD MONDAY OPTION WEE	3	0	0.0%	200	-98.5%	2,900	2,939	-1.3%
JPY/USD MONTHLY OPTIONS	116,215	59,110	96.6%	92,479	25.7%	1,089,099	1,349,527	-19.3%
JPY/USD WKLY FRIDAY OPTION	0	3,033	-100.0%	0	0.0%	28,897	20,575	40.4%
JPY/USD WKLY FRIDAY OPTION	15,475	6,680	131.7%	17,647	-12.3%	85,813	127,480	-32.7%
JPY/USD WKLY FRIDAY OPTION	7,984	12,903	-38.1%	13,707	-41.8%	120,853	142,995	-15.5%
JPY/USD WKLY FRIDAY OPTION	8,378	5,984	40.0%	8,335	0.5%	109,655	131,013	-16.3%
JPY/USD WKLY FRIDAY OPTION	5,525	374	1,377.3%	310	1,682.3%	42,522	49,041	-13.3%
JPY/USD WKLY WED OPTIONS -	2,634	638	312.9%	5,984	-56.0%	36,929	54,310	-32.0%
JPY/USD WKLY WED OPTIONS -	4,587	2,213	107.3%	6,053	-24.2%	47,994	45,877	4.6%
JPY/USD WKLY WED OPTIONS -	4,928	1,532	221.7%	7,142	-31.0%	46,867	51,868	-9.6%
JPY/USD WKLY WED OPTIONS -	3,139	3,245	-3.3%	7,049	-55.5%	42,073	55,502	-24.2%
JPY/USD WKLY WED OPTIONS -	2,625	843	211.4%	0	0.0%	12,504	14,561	-14.1%
MXN/USD MONTHLY OPTIONS	20,350	397	5,025.9%	972	1,993.6%	35,904	19,531	83.8%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	4,413	-100.0%
MXN/USD WKLY FRIDAY OPTION	0	486	-100.0%	300	-100.0%	904	3,274	-72.4%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	552	2,174	-74.6%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	631	3,159	-80.0%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	152	-100.0%
NZD/USD MONTHLY OPTIONS	13	19	-31.6%	587	-97.8%	2,661	4,984	-46.6%
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	50	-100.0%
NZD/USD WKLY FRIDAY OPTION	0	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	67	-100.0%	0	0.0%	68	636	-89.3%
Foreign Exchange Futures								
CHILEAN PESO	0	0	0.0%	0	-	0	0	0.0%
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS -	6	373	-98.4%	570	-98.9%	5,109	8,831	-42.1%



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	VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Ag Products Futures								
BLOCK CHEESE	857	293	192.5%	270	217.4%	8,987	2,973	202.3%
BUTTER CS	7,212	6,275	14.9%	3,881	85.8%	52,208	70,339	-25.8%
CASH-SETTLED CHEESE	9,628	16,673	-42.3%	15,286	-37.0%	142,438	163,188	-12.7%
CAT ASIA WEATHER	0	0	0.0%	0	0.0%	1,200	7,800	-84.6%
CATTLE	955,280	905,905	5.5%	1,274,084	-25.0%	13,943,086	16,138,757	-13.6%
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%	0	0.0%	9,325	9,650	-3.4%
CLASS IV MILK	5,264	767	586.3%	4,024	30.8%	23,260	26,575	-12.5%
DRY WHEY	1,537	2,762	-44.4%	1,565	-1.8%	22,952	18,683	22.8%
FEEDER CATTLE	237,760	245,495	-3.2%	234,357	1.5%	3,067,931	3,225,559	-4.9%
GOLDMAN SACHS	3,499	12,797	-72.7%	5,090	-31.3%	96,610	174,903	-44.8%
GSCI EXCESS RETURN FUT	117,324	94,513	24.1%	4,542	2,483.1%	495,114	378,879	30.7%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0.0%	500	0	0.0%
HDD WEATHER	5,625	4,650	21.0%	3,300	70.5%	29,575	40,475	-26.9%
HDD WEATHER EUROPEAN	500	1,600	-68.8%	4,500	-88.9%	11,850	4,050	192.6%
HOGS	752,654	682,807	10.2%	968,964	-22.3%	11,411,698	12,396,409	-7.9%
HOUSING INDEX	14	6	133.3%	20	-30.0%	166	270	-38.5%
LUMBER	9,801	14,136	-30.7%	7,368	33.0%	116,077	156,025	-25.6%
MALAYSIAN PALM SWAP	240	4,680	-94.9%	1,890	-87.3%	90,186	50,472	78.7%
MILK	31,501	39,179	-19.6%	32,169	-2.1%	309,120	428,640	-27.9%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	5,917	5,104	15.9%	5,510	7.4%	67,109	92,417	-27.4%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	1,000	1,300	-23.1%
PORK CUTOUT	2,172	2,056	5.6%	2,221	-2.2%	28,554	4,423	545.6%
S&P GSCI ENHANCED ER SWAP	2,002	4,763	-58.0%	0	0.0%	8,008	27,335	-70.7%
USD CRUDE PALM OIL	17,780	4,109	332.7%	29,262	-39.2%	123,250	38,341	221.5%

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	VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Ag Products Options								
BLOCK CHEESE	40	290	-86.2%	0	0.0%	3,169	8,698	-63.6%
BUTTER CS	3,495	2,276	53.6%	1,862	87.7%	25,410	33,183	-23.4%
CASH-SETTLED CHEESE	7,031	13,355	-47.4%	5,395	30.3%	76,619	140,458	-45.5%
CATTLE	167,579	175,784	-4.7%	240,347	-30.3%	2,301,386	2,672,920	-13.9%
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	10,016	1,496	569.5%	7,926	26.4%	57,401	47,971	19.7%
DRY WHEY	20	519	-96.1%	225	-91.1%	2,003	5,943	-66.3%
FEEDER CATTLE	24,247	18,508	31.0%	27,536	-11.9%	267,836	297,898	-10.1%
HDD EURO SEASONAL STRIP	0	1,000	-100.0%	0	0.0%	2,000	7,000	-71.4%
HDD SEASONAL STRIP	0	2,500	-100.0%	0	0.0%	28,920	6,000	382.0%
HDD WEATHER	0	750	-100.0%	0	0.0%	7,250	6,225	16.5%
HDD WEATHER EUROPEAN	0	500	-100.0%	2,000	-100.0%	24,250	500	4,750.0%
HOGS	180,843	114,121	58.5%	180,804	0.0%	2,416,561	2,928,722	-17.5%
HOUSING INDEX	0	0	0.0%	0	0.0%	0	0	0.0%
LUMBER	689	1,011	-31.8%	539	27.8%	8,337	10,497	-20.6%
LV CATL CSO	0	0	0.0%	0	0.0%	0	0	0.0%
MILK	38,913	32,734	18.9%	25,080	55.2%	325,271	532,056	-38.9%
MLK MID OPTIONS	4	12	-66.7%	12	-66.7%	32	136	-76.5%
NFD MILK	3,631	3,836	-5.3%	2,995	21.2%	47,259	86,242	-45.2%
PORK CUTOUT	0	178	-100.0%	0	0.0%	750	181	314.4%



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	VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	49,712,803	32,487,007	53.0%	66,900,908	-25.7%	651,166,247	524,765,094	24.1%
Equity Index Futures	118,893,482	85,665,911	38.8%	91,073,212	30.5%	1,119,882,046	1,155,519,873	-3.1%
FX Futures	18,473,814	21,003,473	-12.0%	15,982,589	15.6%	191,924,921	207,777,713	-7.6%
Foreign Exchange Futures	0	0	0.0%	0	-	0	0	0.0%
Ag Products Futures	2,166,567	2,048,570	5.8%	2,598,303	-16.6%	30,066,979	33,458,213	-10.1%
TOTAL FUTURES	189,246,666	141,204,961	34.0%	176,555,012	7.2%	1,993,040,193	1,921,520,893	3.7%
TOTAL OPTIONS GROUP								
Equity Index Options	22,987,501	11,033,943	108.3%	20,189,069	13.9%	190,335,986	179,981,008	5.8%
Interest Rate Options	20,835,481	8,624,091	141.6%	30,151,228	-30.9%	266,957,096	267,587,426	-0.2%
FX Options	768,522	710,281	8.2%	831,417	-7.6%	9,325,054	10,211,506	-8.7%
Ag Products Options	436,508	368,870	18.3%	494,721	-11.8%	5,609,154	6,786,630	-17.3%
Foreign Exchange Options	6	373	-98.4%	570	-98.9%	5,109	8,831	-42.1%
TOTAL OPTIONS	45,028,018	20,737,558	117.1%	51,667,005	-12.8%	472,232,399	464,575,401	1.6%
TOTAL COMBINED								
Interest Rate	70,548,284	41,111,098	71.6%	97,052,136	-27.3%	918,123,343	792,352,520	15.9%
Equity Index	141,880,983	96,699,854	46.7%	111,262,281	27.5%	1,310,218,032	1,335,500,881	-1.9%
FX	19,242,336	21,713,754	-11.4%	16,814,006	14.4%	201,249,975	217,989,219	-7.7%
Foreign Exchange	6	373	-98.4%	570	-98.9%	5,109	8,831	-42.1%
Ag Products	2,603,075	2,417,440	7.7%	3,093,024	-15.8%	35,676,133	40,244,843	-11.4%
GRAND TOTAL	234,274,684	161,942,519	44.7%	228,222,017	2.7%	2,465,272,592	2,386,096,294	3.3%

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