

CME Exchange Volume Report - Monthly

	VOLUME NOV 2021	VOLUME NOV 2020	% CHG	VOIUME OCT 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	0	0	0.0%	2	-100.0%	2	826	-99.8%
EURODOLLARS	60,504,873	39,452,192	53.4%	67,575,273	-10.5%	567,080,746	479,019,551	18.4%
SOFR	6,390,593	1,734,204	268.5%	5,006,727	27.6%	33,568,346	11,382,334	194.9%
SONIA	5,403	201,932	-97.3%	19,085	-71.7%	803,512	1,875,376	-57.2%
TIIE	39	0	-	40	-2.5%	838	0	-
Interest Rate Options								
EURODOLLARS	10,402,163	4,867,141	113.7%	8,151,030	27.6%	54,247,580	181,066,466	-70.0%
EURO MIDCURVE	19,749,050	7,126,202	177.1%	22,448,774	-12.0%	191,865,283	77,893,745	146.3%
SOFR	15	2,002	-99.3%	25	-40.0%	8,752	3,124	180.2%

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Equity Index Futures								
BITCOIN FUTURES	203,669	228,667	-10.9%	266,975	-23.7%	2,355,543	1,975,794	19.2%
E-MINI COM SERVICES SELECT	1,901	1,877	1.3%	1,995	-4.7%	41,189	52,765	-21.9%
E-mini FTSE 100 (USD)	0	0	0.0%	0	-	0	0	0.0%
E-mini FTSE China 50	94	0	0.0%	144	-34.7%	759	2	37,850.0%
E-MINI MIDCAP	285,053	252,149	13.0%	252,718	12.8%	2,897,427	4,043,545	-28.3%
E-MINI NASDAQ 100	11,829,145	10,349,100	14.3%	11,194,398	5.7%	126,137,964	136,729,918	-7.7%
E-MINI RUSSELL 1000	6,749	2,561	163.5%	5,563	21.3%	116,098	88,841	30.7%
E-MINI RUSSELL 1000 GROWTH	3,078	3,395	-9.3%	2,664	15.5%	52,943	54,784	-3.4%
E-MINI RUSSELL 1000 VALUE	14,769	8,434	75.1%	13,018	13.5%	311,866	114,114	173.3%
E-MINI RUSSELL 2000	4,357,838	3,466,243	25.7%	3,568,440	22.1%	45,793,192	47,218,628	-3.0%
E-MINI S&P500	29,497,705	31,133,545	-5.3%	29,063,385	1.5%	359,041,102	468,023,798	-23.3%
E-MINI S&P500 ESG	14,627	16,327	-10.4%	12,634	15.8%	211,716	108,086	95.9%
E-MINI S&P REAL ESTATE SELE	2,323	2,943	-21.1%	4,025	-42.3%	92,373	93,963	-1.7%
ETHER FUTURES	122,342	0	-	114,659	6.7%	797,851	0	-
FT-SE 100	26	8	225.0%	57	-54.4%	1,379	8	17,137.5%
FTSE Emerging	0	30	-100.0%	0	0.0%	5	4,773	-99.9%
IBOVESPA INDEX	266	143	86.0%	379	-29.8%	2,499	4,481	-44.2%
MICRO BITCOIN FUTURES	579,892	0	-	570,719	1.6%	3,308,180	0	-
MICRO E-MINI NASDAQ 100	21,324,242	20,097,956	6.1%	19,586,443	8.9%	214,500,635	162,255,471	32.2%
MICRO E-MINI RUSSELL 2000	3,738,620	1,719,147	117.5%	2,939,925	27.2%	35,076,511	21,689,769	61.7%
MICRO E-MINI S&P500	18,104,077	20,549,363	-11.9%	17,825,532	1.6%	196,653,723	210,490,517	-6.6%
NASDAQ-100 VOLATILITY	14	6	133.3%	2	600.0%	111	17	552.9%
NASDAQ BIOTECH	53	325	-83.7%	88	-39.8%	7,137	6,049	18.0%
Nearby BTIC+	0	0	0.0%	100	-100.0%	456	1,177	-61.3%
NIKKEI 225 (\$) STOCK	98,152	152,649	-35.7%	148,247	-33.8%	1,435,258	2,125,179	-32.5%
NIKKEI 225 (YEN) STOCK	654,782	815,551	-19.7%	810,581	-19.2%	7,379,153	10,610,569	-30.5%
S&P 500	20,449	58,207	-64.9%	32,402	-36.9%	1,138,830	1,443,744	-21.1%
S&P 500 ANNUAL DIVIDEND IND	40,589	40,781	-0.5%	62,278	-34.8%	664,354	653,847	1.6%
S&P 500/GI	0	0	0.0%	0	0.0%	0	0	0.0%
S&P 500 QUARLY DIVIDEND IND	4,560	3,834	18.9%	5,325	-14.4%	28,349	13,389	111.7%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	0.0%	0	3,504	-100.0%
S&P CONSUMER DSCRTNRY SE	13,471	10,778	25.0%	9,764	38.0%	133,462	104,492	27.7%
S&P CONSUMER STAPLES SECT	11,829	15,091	-21.6%	25,683	-53.9%	377,475	261,091	44.6%
S&P ENERGY SECTOR	39,709	54,452	-27.1%	29,402	35.1%	549,759	360,505	52.5%
S&P FINANCIAL SECTOR	33,435	45,033	-25.8%	28,664	16.6%	664,304	307,700	115.9%
S&P HEALTH CARE SECTOR	15,511	15,640	-0.8%	28,052	-44.7%	268,869	191,261	40.6%
S&P INDUSTRIAL SECTOR	7,723	27,294	-71.7%	7,523	2.7%	256,519	194,246	32.1%
S&P MATERIALS SECTOR	10,770	11,459	-6.0%	9,334	15.4%	149,310	100,991	47.8%
S&P TECHNOLOGY SECTOR	11,300	10,764	5.0%	9,207	22.7%	167,216	170,679	-2.0%
S&P UTILITIES SECTOR	20,409	17,012	20.0%	28,597	-28.6%	344,287	280,077	22.9%
S&P VALUE INDEX FUTURES	0	0	0.0%	380	-100.0%	2,480	0	0.0%
WATER INDEX FUTURES	1	0	-	2	-50.0%	947	0	-
YEN DENOMINATED TOPIX	4,039	5,783	-30.2%	5,672	-28.8%	27,333	76,188	-64.1%

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Equity Index Options								
BITCOIN OPTIONS	1,634	2,668	-38.8%	1,432	14.1%	15,662	33,856	-53.7%
E-MINI NASDAQ 100	643,663	310,188	107.5%	669,301	-3.8%	6,292,612	3,766,687	67.1%
E-MINI RUSSELL 2000	62,809	37,651	66.8%	20,389	208.1%	339,696	213,671	59.0%
E-MINI S&P500	9,503,775	5,314,982	78.8%	7,499,708	26.7%	72,322,127	78,809,932	-8.2%
EOM E-MINI RUSSELL 2000 END	25,721	7,807	229.5%	23,117	11.3%	231,539	97,013	138.7%
EOM EMINI S&P	2,623,340	1,229,216	113.4%	3,266,944	-19.7%	22,535,706	21,781,498	3.5%
EOM S&P 500	0	21,667	-100.0%	1,800	-100.0%	309,253	628,808	-50.8%
EOW1 E-MINI RUSSELL 2000 WE	20,087	3,422	487.0%	10,985	82.9%	131,355	47,879	174.3%
EOW1 EMINI S&P 500	1,617,389	1,031,094	56.9%	986,527	63.9%	11,953,884	11,630,596	2.8%
EOW1 S&P 500	0	38,774	-100.0%	0	0.0%	227,840	437,960	-48.0%
EOW2 E-MINI RUSSELL 2000 WE	16,537	5,706	189.8%	14,921	10.8%	149,116	72,435	105.9%
EOW2 EMINI S&P 500	1,528,211	1,006,131	51.9%	1,688,072	-9.5%	12,880,709	11,932,876	7.9%
EOW2 S&P 500	0	38,347	-100.0%	0	0.0%	397,309	793,039	-49.9%
EOW3 E-MINI RUSSELL 2000 WE	38,925	15,471	151.6%	35,121	10.8%	352,786	190,609	85.1%
EOW3 EMINI S&P 500	2,537,299	1,755,216	44.6%	3,324,258	-23.7%	24,865,089	26,150,593	-4.9%
EOW3 S&P 500	0	33,518	-100.0%	0	0.0%	260,587	679,755	-61.7%
EOW4 E-MINI RUSSELL 2000 WE	14,631	4,009	265.0%	14,123	3.6%	162,877	40,501	302.2%
EOW4 EMINI S&P 500	1,252,028	516,251	142.5%	1,296,446	-3.4%	10,421,546	9,681,558	7.6%
MICRO E-MINI NASDAQ	8,191	956	756.8%	3,546	131.0%	64,206	4,379	1,366.2%
MICRO E-MINI NASDAQ 100	8,936	0	-	3,206	178.7%	12,142	0	-
MICRO E-MINI NASDAQ END OF	8,941	432	1,969.7%	9,922	-9.9%	84,773	4,821	1,658.4%
MICRO E-MINI NASDAQ WEEKLY	29,438	5,873	401.2%	28,912	1.8%	230,770	20,811	1,008.9%
MICRO E-MINI S&P 500	41,537	18,680	122.4%	23,698	75.3%	320,699	64,255	399.1%
MICRO E-MINI S&P 500 END OF	58,862	13,507	335.8%	71,786	-18.0%	443,166	96,710	358.2%
MICRO E-MINI S&P 500 WEEKLY	147,115	76,672	91.9%	135,019	9.0%	1,040,731	284,788	265.4%
S&P 500	0	98,165	-100.0%	0	0.0%	1,302,305	1,482,035	-12.1%
FX Futures								
AD/CD CROSS RATES	0	6	-100.0%	14	-100.0%	226	210	7.6%
AD/JY CROSS RATES	3,139	1,929	62.7%	2,542	23.5%	26,372	28,113	-6.2%
AD/NE CROSS RATES	507	141	259.6%	536	-5.4%	3,681	3,226	14.1%
AUSTRALIAN DOLLAR	1,825,027	1,962,576	-7.0%	1,842,342	-0.9%	22,478,377	23,572,989	-4.6%
BP/JY CROSS RATES	2,498	1,839	35.8%	2,329	7.3%	30,321	35,886	-15.5%
BP/SF CROSS RATES	1,391	227	512.8%	557	149.7%	12,025	4,347	176.6%
BRAZIL REAL	229,473	235,696	-2.6%	216,179	6.1%	2,742,225	2,428,063	12.9%
BRITISH POUND	2,050,731	1,893,783	8.3%	1,856,257	10.5%	21,766,067	24,666,275	-11.8%
CANADIAN DOLLAR	1,566,495	1,378,342	13.7%	1,495,839	4.7%	18,206,626	17,571,250	3.6%
CD/JY CROSS RATES	601	10	5,910.0%	446	34.8%	3,307	598	453.0%
CHINESE RENMINBI (CNH)	16,254	38,169	-57.4%	12,456	30.5%	181,181	241,894	-25.1%
CZECK KORUNA (EC)	0	0	0.0%	0	0.0%	8	26	-69.2%
CZECK KORUNA (US)	4	1	300.0%	0	0.0%	12	2	500.0%
EC/AD CROSS RATES	3,762	2,507	50.1%	3,243	16.0%	55,054	70,859	-22.3%
EC/CD CROSS RATES	4,358	1,757	148.0%	4,320	0.9%	75,043	46,192	62.5%
EC/NOK CROSS RATES	190	71	167.6%	706	-73.1%	9,125	1,978	361.3%
EC/SEK CROSS RATES	355	415	-14.5%	311	14.1%	6,740	6,685	0.8%
EFX/BP CROSS RATES	37,727	35,030	7.7%	37,179	1.5%	621,910	705,053	-11.8%
EFX/JY CROSS RATES	39,436	28,054	40.6%	34,304	15.0%	491,827	614,826	-20.0%
EFX/SF CROSS RATES	25,738	12,473	106.3%	17,290	48.9%	280,335	386,412	-27.5%
E-MICRO USD/CAD	490	0	-	1,358	-63.9%	2,194	0	-

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FX Futures								
E-MICRO USD/CHF	49	0	-	54	-9.3%	132	0	-
E-MICRO USD/JPY	5,033	0	-	2,799	79.8%	7,954	0	-
E-MINI EURO FX	109,017	142,402	-23.4%	82,740	31.8%	1,304,128	1,698,916	-23.2%
E-MINI JAPANESE YEN	8,505	14,523	-41.4%	10,608	-19.8%	101,281	223,803	-54.7%
EURO FX	3,940,789	3,359,603	17.3%	3,409,081	15.6%	44,076,796	49,548,338	-11.0%
HUNGARIAN FORINT (EC)	22	2	1,000.0%	0	0.0%	40	11	263.6%
HUNGARIAN FORINT (US)	6	9	-33.3%	3	100.0%	177	189	-6.3%
INDIAN RUPEE	17,525	23,175	-24.4%	16,464	6.4%	161,029	296,531	-45.7%
JAPANESE YEN	2,484,993	2,068,197	20.2%	2,332,063	6.6%	24,723,477	26,348,102	-6.2%
KOREAN WON	1,024	1,124	-8.9%	984	4.1%	20,251	10,608	90.9%
MEXICAN PESO	1,115,923	1,207,315	-7.6%	885,995	26.0%	12,162,115	13,305,214	-8.6%
MICRO AUD/USD	314,611	257,836	22.0%	196,181	60.4%	2,381,001	2,708,508	-12.1%
MICRO CAD/USD	55,396	37,316	48.5%	55,291	0.2%	618,530	327,754	88.7%
MICRO CHF/USD	10,691	10,602	0.8%	7,180	48.9%	97,489	51,945	87.7%
MICRO EUR/USD	580,150	520,989	11.4%	421,912	37.5%	5,383,743	5,431,989	-0.9%
MICRO GBP/USD	146,207	86,763	68.5%	104,204	40.3%	916,302	780,251	17.4%
MICRO INR/USD	738	1,903	-61.2%	1,188	-37.9%	18,272	23,861	-23.4%
MICRO JPY/USD	86,243	28,052	207.4%	46,053	87.3%	432,297	319,638	35.2%
MICRO USD/CNH	0	0	-	0	0.0%	36	0	-
NEW ZEALND DOLLAR	493,335	539,235	-8.5%	530,654	-7.0%	6,482,924	6,798,003	-4.6%
NKR/USD CROSS RATE	3,861	4,619	-16.4%	2,770	39.4%	59,712	59,186	0.9%
POLISH ZLOTY (EC)	26	6	333.3%	66	-60.6%	1,440	592	143.2%
POLISH ZLOTY (US)	808	462	74.9%	699	15.6%	10,045	9,214	9.0%
RMB USD	0	0	0.0%	0	0.0%	3	5	-40.0%
RUSSIAN RUBLE	174,114	103,008	69.0%	117,753	47.9%	1,287,413	1,246,671	3.3%
S.AFRICAN RAND	75,786	53,823	40.8%	51,173	48.1%	676,856	845,095	-19.9%
SF/JY CROSS RATES	50	17	194.1%	74	-32.4%	595	291	104.5%
SHEKEL	25	1	2,400.0%	16	56.3%	59	134	-56.0%
SKR/USD CROSS RATES	4,910	5,036	-2.5%	4,793	2.4%	63,486	58,406	8.7%
SWISS FRANC	543,363	436,795	24.4%	466,578	16.5%	5,468,698	6,286,823	-13.0%
TURKISH LIRA	6	1,176	-99.5%	16	-62.5%	891	9,278	-90.4%
USDZAR	1,207	0	0.0%	1	120,600.0%	1,279	0	0.0%
FX Options								
AUD/USD MONDAY OPTION WEE	1,969	45	4,275.6%	1,142	72.4%	6,623	3,571	85.5%
AUD/USD MONDAY OPTION WEE	150	0	0.0%	1,245	-88.0%	4,626	1,683	174.9%
AUD/USD MONDAY OPTION WEE	153	400	-61.8%	797	-80.8%	4,637	2,940	57.7%
AUD/USD MONDAY OPTION WEE	12	0	0.0%	516	-97.7%	4,524	2,341	93.3%
AUD/USD MONDAY OPTION WEE	986	76	1,197.4%	0	0.0%	2,356	798	195.2%
AUD/USD MONTHLY OPTIONS	82,580	53,880	53.3%	104,917	-21.3%	951,147	781,101	21.8%
AUD/USD WKLY FRIDAY OPTION	0	0	0.0%	119	-100.0%	7,231	5,583	29.5%
AUD/USD WKLY FRIDAY OPTION	3,424	2,748	24.6%	1,945	76.0%	20,349	41,894	-51.4%
AUD/USD WKLY FRIDAY OPTION	2,484	3,173	-21.7%	2,799	-11.3%	30,176	38,909	-22.4%
AUD/USD WKLY FRIDAY OPTION	4,213	3,576	17.8%	2,684	57.0%	34,030	43,552	-21.9%
AUD/USD WKLY FRIDAY OPTION	496	0	0.0%	3,366	-85.3%	9,137	17,621	-48.1%
AUD/USD WKLY WED OPTIONS -	1,083	876	23.6%	3,362	-67.8%	14,178	14,167	0.1%
AUD/USD WKLY WED OPTIONS -	344	3,320	-89.6%	717	-52.0%	8,490	16,506	-48.6%
AUD/USD WKLY WED OPTIONS -	71	492	-85.6%	127	-44.1%	3,139	8,782	-64.3%
AUD/USD WKLY WED OPTIONS -	516	1,785	-71.1%	576	-10.4%	9,585	15,325	-37.5%
AUD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	1,985	5,991	-66.9%

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FX Options								
BRL/USD MONTHLY OPTIONS	697	8	8,612.5%	501	39.1%	3,988	685	482.2%
CAD/USD MONDAY OPTIONS WE	1,444	10	14,340.0%	1,248	15.7%	10,339	3,165	226.7%
CAD/USD MONDAY OPTIONS WE	708	370	91.4%	723	-2.1%	16,428	2,323	607.2%
CAD/USD MONDAY OPTIONS WE	378	615	-38.5%	400	-5.5%	10,682	8,824	21.1%
CAD/USD MONDAY OPTIONS WE	386	0	0.0%	802	-51.9%	22,893	5,272	334.2%
CAD/USD MONDAY OPTIONS WE	1,224	350	249.7%	0	0.0%	4,371	3,435	27.2%
CAD/USD MONTHLY OPTIONS	76,946	34,590	122.5%	77,830	-1.1%	876,052	510,055	71.8%
CAD/USD WKLY FRIDAY OPTION	0	0	0.0%	710	-100.0%	27,536	12,433	121.5%
CAD/USD WKLY FRIDAY OPTION	8,738	2,803	211.7%	2,834	208.3%	54,502	67,216	-18.9%
CAD/USD WKLY FRIDAY OPTION	7,869	5,358	46.9%	7,211	9.1%	84,599	70,603	19.8%
CAD/USD WKLY FRIDAY OPTION	4,806	4,564	5.3%	5,653	-15.0%	100,716	77,616	29.8%
CAD/USD WKLY FRIDAY OPTION	120	0	0.0%	10,929	-98.9%	28,447	31,563	-9.9%
CAD/USD WKLY WED OPTIONS -	2,089	1,446	44.5%	2,864	-27.1%	23,281	24,067	-3.3%
CAD/USD WKLY WED OPTIONS -	2,043	361	465.9%	1,273	60.5%	20,414	17,948	13.7%
CAD/USD WKLY WED OPTIONS -	4,169	1,494	179.0%	1,500	177.9%	27,836	20,275	37.3%
CAD/USD WKLY WED OPTIONS -	945	853	10.8%	785	20.4%	27,286	25,821	5.7%
CAD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	9,535	8,199	16.3%
CHF/USD MONTHLY OPTIONS	5,493	4,306	27.6%	10,782	-49.1%	60,969	40,271	51.4%
CHF/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	411	139	195.7%
CHF/USD WKLY FRIDAY OPTION	1,091	485	124.9%	52	1,998.1%	3,383	2,243	50.8%
CHF/USD WKLY FRIDAY OPTION	83	253	-67.2%	179	-53.6%	1,965	1,295	51.7%
CHF/USD WKLY FRIDAY OPTION	377	4	9,325.0%	45	737.8%	2,808	1,449	93.8%
CHF/USD WKLY FRIDAY OPTION	3	0	0.0%	44	-93.2%	285	1,824	-84.4%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0.0%	6	0	0.0%
EUR/GBP WKLY FRIDAY OPTION	100	0	-	0	0.0%	100	0	-
EUR/USD MONDAY OPTION WEE	785	1,255	-37.5%	3,550	-77.9%	22,217	18,616	19.3%
EUR/USD MONDAY OPTION WEE	714	2,515	-71.6%	9,803	-92.7%	23,638	15,986	47.9%
EUR/USD MONDAY OPTION WEE	1,165	599	94.5%	2,530	-54.0%	16,753	19,954	-16.0%
EUR/USD MONDAY OPTION WEE	5,524	350	1,478.3%	1,374	302.0%	33,488	21,098	58.7%
EUR/USD MONDAY OPTION WEE	3,149	2,599	21.2%	0	0.0%	9,094	9,785	-7.1%
EUR/USD MONTHLY OPTIONS	215,755	217,097	-0.6%	200,522	7.6%	2,253,981	3,011,084	-25.1%
EUR/USD WKLY FRIDAY OPTION	0	153	-100.0%	358	-100.0%	50,664	29,312	72.8%
EUR/USD WKLY FRIDAY OPTION	30,613	21,209	44.3%	8,474	261.3%	159,727	204,396	-21.9%
EUR/USD WKLY FRIDAY OPTION	33,627	11,503	192.3%	22,122	52.0%	235,909	218,729	7.9%
EUR/USD WKLY FRIDAY OPTION	16,656	16,357	1.8%	16,927	-1.6%	205,882	238,131	-13.5%
EUR/USD WKLY FRIDAY OPTION	163	0	0.0%	24,176	-99.3%	85,936	80,086	7.3%
EUR/USD WKLY WED OPTIONS -	8,027	7,293	10.1%	8,293	-3.2%	75,117	108,455	-30.7%
EUR/USD WKLY WED OPTIONS -	9,353	6,872	36.1%	6,187	51.2%	79,721	87,705	-9.1%
EUR/USD WKLY WED OPTIONS -	9,834	5,121	92.0%	4,854	102.6%	78,232	85,748	-8.8%
EUR/USD WKLY WED OPTIONS -	10,856	6,030	80.0%	8,530	27.3%	100,680	85,143	18.2%
EUR/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	25,392	34,150	-25.6%
GBP/USD MONDAY OPTION WEE	239	39	512.8%	1,106	-78.4%	5,439	7,137	-23.8%
GBP/USD MONDAY OPTION WEE	729	1,864	-60.9%	677	7.7%	7,977	6,072	31.4%
GBP/USD MONDAY OPTION WEE	1,948	3,328	-41.5%	1,658	17.5%	5,979	9,239	-35.3%
GBP/USD MONDAY OPTION WEE	3,233	2,850	13.4%	1,236	161.6%	10,588	12,052	-12.1%
GBP/USD MONDAY OPTION WEE	584	379	54.1%	0	0.0%	3,038	1,814	67.5%
GBP/USD MONTHLY OPTIONS	72,330	97,316	-25.7%	87,773	-17.6%	816,211	1,012,572	-19.4%
GBP/USD WKLY FRIDAY OPTION	0	0	0.0%	80	-100.0%	12,507	10,487	19.3%
GBP/USD WKLY FRIDAY OPTION	7,720	2,925	163.9%	3,367	129.3%	33,056	38,465	-14.1%
GBP/USD WKLY FRIDAY OPTION	4,994	3,793	31.7%	2,223	124.7%	36,073	43,788	-17.6%
GBP/USD WKLY FRIDAY OPTION	3,754	2,336	60.7%	5,459	-31.2%	41,626	37,577	10.8%

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	VOLUME NOV 2021	VOLUME NOV 2020	% CHG	VOIUME OCT 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
FX Options								
GBP/USD WKLY FRIDAY OPTION	503	0	0.0%	2,012	-75.0%	11,560	16,662	-30.6%
GBP/USD WKLY WED OPTIONS -	1,288	2,457	-47.6%	2,054	-37.3%	13,489	19,120	-29.5%
GBP/USD WKLY WED OPTIONS -	1,383	2,880	-52.0%	1,205	14.8%	8,566	12,554	-31.8%
GBP/USD WKLY WED OPTIONS -	2,656	2,730	-2.7%	1,000	165.6%	9,427	18,701	-49.6%
GBP/USD WKLY WED OPTIONS -	3,775	587	543.1%	2,344	61.0%	16,253	14,597	11.3%
GBP/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	2,591	7,180	-63.9%
JPY/USD MONDAY OPTION WEE	121	0	0.0%	1,061	-88.6%	4,473	8,895	-49.7%
JPY/USD MONDAY OPTION WEE	136	1,905	-92.9%	920	-85.2%	6,147	14,369	-57.2%
JPY/USD MONDAY OPTION WEE	208	1,182	-82.4%	210	-1.0%	4,100	8,768	-53.2%
JPY/USD MONDAY OPTION WEE	640	120	433.3%	673	-4.9%	4,919	8,401	-41.4%
JPY/USD MONDAY OPTION WEE	200	286	-30.1%	0	0.0%	2,897	2,939	-1.4%
JPY/USD MONTHLY OPTIONS	92,479	77,895	18.7%	111,977	-17.4%	972,884	1,290,417	-24.6%
JPY/USD WKLY FRIDAY OPTION	0	0	0.0%	9	-100.0%	28,897	17,542	64.7%
JPY/USD WKLY FRIDAY OPTION	17,647	11,258	56.8%	2,213	697.4%	70,338	120,800	-41.8%
JPY/USD WKLY FRIDAY OPTION	13,707	7,290	88.0%	13,792	-0.6%	112,869	130,092	-13.2%
JPY/USD WKLY FRIDAY OPTION	8,335	6,331	31.7%	12,059	-30.9%	101,277	125,029	-19.0%
JPY/USD WKLY FRIDAY OPTION	310	0	0.0%	10,959	-97.2%	36,997	48,667	-24.0%
JPY/USD WKLY WED OPTIONS -	5,984	2,191	173.1%	5,655	5.8%	34,295	53,672	-36.1%
JPY/USD WKLY WED OPTIONS -	6,053	3,713	63.0%	5,641	7.3%	43,407	43,664	-0.6%
JPY/USD WKLY WED OPTIONS -	7,142	3,745	90.7%	4,877	46.4%	41,939	50,336	-16.7%
JPY/USD WKLY WED OPTIONS -	7,049	3,394	107.7%	6,027	17.0%	38,934	52,257	-25.5%
JPY/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	9,879	13,718	-28.0%
MXN/USD MONTHLY OPTIONS	972	2,051	-52.6%	2,790	-65.2%	15,554	19,134	-18.7%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	4,413	-100.0%
MXN/USD WKLY FRIDAY OPTION	300	1,040	-71.2%	0	0.0%	904	2,788	-67.6%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	552	2,174	-74.6%
MXN/USD WKLY FRIDAY OPTION	0	483	-100.0%	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	587	134	338.1%	553	6.1%	2,648	4,965	-46.7%
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%	55	-100.0%	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	378	-100.0%	0	0.0%	68	569	-88.0%
Foreign Exchange Futures								
CHILEAN PESO	0	0	0.0%	0	-	0	0	0.0%
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS -	570	248	129.8%	173	229.5%	5,103	8,458	-39.7%

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	VOLUME NOV 2021	VOLUME NOV 2020	% CHG	VOIUME OCT 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Ag Products Futures								
BLOCK CHEESE	270	155	74.2%	645	-58.1%	8,130	2,680	203.4%
BUTTER CS	3,881	5,395	-28.1%	3,694	5.1%	44,996	64,064	-29.8%
CASH-SETTLED CHEESE	15,286	12,768	19.7%	11,058	38.2%	132,810	146,515	-9.4%
CAT ASIA WEATHER	0	0	0.0%	0	0.0%	1,200	7,800	-84.6%
CATTLE	1,274,084	1,211,403	5.2%	888,846	43.3%	12,987,806	15,232,852	-14.7%
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	4,024	580	593.8%	4,234	-5.0%	17,996	25,808	-30.3%
DRY WHEY	1,565	1,843	-15.1%	1,335	17.2%	21,415	15,921	34.5%
FEEDER CATTLE	234,357	211,790	10.7%	253,647	-7.6%	2,830,171	2,980,064	-5.0%
GOLDMAN SACHS	5,090	12,172	-58.2%	3,965	28.4%	93,111	162,106	-42.6%
GSCI EXCESS RETURN FUT	4,542	1,870	142.9%	1,221	272.0%	377,790	284,366	32.9%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	150	-100.0%	500	0	0.0%
HDD WEATHER	3,300	2,850	15.8%	8,000	-58.8%	23,950	35,825	-33.1%
HDD WEATHER EUROPEAN	4,500	450	900.0%	2,250	100.0%	11,350	2,450	363.3%
HOGS	968,964	854,016	13.5%	748,668	29.4%	10,659,044	11,713,602	-9.0%
HOUSING INDEX	20	2	900.0%	10	100.0%	152	264	-42.4%
LUMBER	7,368	7,691	-4.2%	7,935	-7.1%	106,276	141,889	-25.1%
MALAYSIAN PALM SWAP	1,890	11,179	-83.1%	3,840	-50.8%	89,946	45,792	96.4%
MILK	32,169	33,363	-3.6%	30,414	5.8%	277,619	389,461	-28.7%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	5,510	4,560	20.8%	6,238	-11.7%	61,192	87,313	-29.9%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	1,000	1,300	-23.1%
PORK CUTOUT	2,221	2,367	-6.2%	966	129.9%	26,382	2,367	1,014.6%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	0	0.0%	6,006	22,572	-73.4%
USD CRUDE PALM OIL	29,262	2,841	930.0%	23,014	27.1%	105,470	34,232	208.1%

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	VOLUME NOV 2021	VOLUME NOV 2020	% CHG	VOIUME OCT 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Ag Products Options								
BLOCK CHEESE	0	204	-100.0%	42	-100.0%	3,129	8,408	-62.8%
BUTTER CS	1,862	1,335	39.5%	2,339	-20.4%	21,915	30,907	-29.1%
CASH-SETTLED CHEESE	5,395	8,104	-33.4%	4,538	18.9%	69,588	127,103	-45.3%
CATTLE	240,347	192,017	25.2%	166,786	44.1%	2,133,807	2,497,136	-14.5%
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	7,926	967	719.6%	7,972	-0.6%	47,385	46,475	2.0%
DRY WHEY	225	1,041	-78.4%	12	1,775.0%	1,983	5,424	-63.4%
FEEDER CATTLE	27,536	19,645	40.2%	22,837	20.6%	243,589	279,390	-12.8%
HDD EURO SEASONAL STRIP	0	0	0.0%	500	-100.0%	2,000	6,000	-66.7%
HDD SEASONAL STRIP	0	2,500	-100.0%	2,500	-100.0%	28,920	3,500	726.3%
HDD WEATHER	0	500	-100.0%	1,000	-100.0%	7,250	5,475	32.4%
HDD WEATHER EUROPEAN	2,000	0	-	4,000	-50.0%	24,250	0	-
HOGS	180,804	103,679	74.4%	164,408	10.0%	2,235,718	2,814,601	-20.6%
HOUSING INDEX	0	0	0.0%	0	0.0%	0	0	0.0%
LUMBER	539	649	-16.9%	379	42.2%	7,648	9,486	-19.4%
LV CATL CSO	0	0	0.0%	0	0.0%	0	0	0.0%
MILK	25,080	30,850	-18.7%	31,369	-20.0%	286,358	499,322	-42.7%
MLK MID OPTIONS	12	0	0.0%	1	1,100.0%	28	124	-77.4%
NFD MILK	2,995	3,875	-22.7%	2,975	0.7%	43,628	82,406	-47.1%
PORK CUTOUT	0	3	-100.0%	1	-100.0%	750	3	24,900.0%

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	VOLUME NOV 2021	VOLUME NOV 2020	% CHG	VOIUME OCT 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	66,900,908	41,388,328	61.6%	72,601,127	-7.9%	601,453,444	492,278,087	22.2%
Equity Index Futures	91,073,212	89,116,547	2.2%	86,664,976	5.1%	1,000,988,564	1,069,853,962	-6.4%
FX Futures	15,982,589	14,497,015	10.2%	14,275,601	12.0%	173,451,107	186,774,240	-7.1%
Foreign Exchange Futures	0	0	0.0%	0	-	0	0	0.0%
Ag Products Futures	2,598,303	2,377,295	9.3%	2,000,130	29.9%	27,900,412	31,409,643	-11.2%
TOTAL FUTURES	176,555,012	147,379,185	19.8%	175,541,834	0.6%	1,803,793,527	1,780,315,932	1.3%
TOTAL OPTIONS GROUP								
Equity Index Options	20,189,069	11,586,403	74.2%	19,129,233	5.5%	167,348,485	168,947,065	-0.9%
Interest Rate Options	30,151,228	11,995,345	151.4%	30,599,829	-1.5%	246,121,615	258,963,335	-5.0%
FX Options	831,417	674,074	23.3%	860,042	-3.3%	8,556,532	9,501,225	-9.9%
Ag Products Options	494,721	365,369	35.4%	411,659	20.2%	5,172,646	6,417,760	-19.4%
Foreign Exchange Options	570	248	129.8%	173	229.5%	5,103	8,458	-39.7%
TOTAL OPTIONS	51,667,005	24,621,439	109.8%	51,000,936	1.3%	427,204,381	443,837,843	-3.7%
TOTAL COMBINED								
Interest Rate	97,052,136	53,383,673	81.8%	103,200,956	-6.0%	847,575,059	751,241,422	12.8%
Equity Index	111,262,281	100,702,950	10.5%	105,794,209	5.2%	1,168,337,049	1,238,801,027	-5.7%
FX	16,814,006	15,171,089	10.8%	15,135,643	11.1%	182,007,639	196,275,465	-7.3%
Foreign Exchange	570	248	129.8%	173	229.5%	5,103	8,458	-39.7%
Ag Products	3,093,024	2,742,664	12.8%	2,411,789	28.2%	33,073,058	37,827,403	-12.6%
GRAND TOTAL	228,222,017	172,000,624	32.7%	226,542,770	0.7%	2,230,997,908	2,224,153,775	0.3%