

CME Exchange ADV Report - Monthly

December 2021

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	ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	30	0	-	0	-	3	3	-18.3%
EURODOLLARS	1,970,470	1,404,225.09	40.3%	2,881,184.43	-31.6%	2,422,346	2,015,464	20.2%
SOFR	289,098	66,430.77	335.2%	304,313.95	-5.0%	158,446	50,766	212.1%
SONIA	72	6,026.27	-98.8%	257.29	-72.0%	3,195	7,937	-59.7%
TIIE	2	0	-	1.86	32.2%	4	0	-
Interest Rate Options								
EURODOLLARS	444,867	172,086.23	158.5%	495,341.1	-10.2%	254,106	730,642	-65.2%
EURO MIDCURVE	502,191	219,645.18	128.6%	940,430.95	-46.6%	805,212	326,980	146.3%
SOFR	9	272.73	-96.6%	0.71	1198.2%	36	36	-1.5%

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Equity Index Futures								
BITCOIN FUTURES	7,874	11,178.59	-29.6%	9,698.52	-18.8%	10,035	8,782	14.3%
E-MINI COM SERVICES SELECT	305	305.64	-0.4%	90.52	236.4%	190	235	-19.2%
E-mini FTSE China 50	6	0	-	4.48	41.2%	4	0	45007.6%
E-MINI MIDCAP	19,611	22,222.77	-11.8%	13,573.95	44.5%	13,210	17,915	-26.3%
E-MINI NASDAQ 100	648,562	453,962.68	42.9%	563,292.62	15.1%	557,168	579,909	-3.9%
E-MINI RUSSELL 1000	2,271	823.09	175.9%	321.38	606.7%	659	423	55.9%
E-MINI RUSSELL 1000 GROWTH	620	438.5	41.4%	146.57	322.9%	264	255	3.7%
E-MINI RUSSELL 1000 VALUE	2,393	1,976.91	21.1%	703.29	240.3%	1,446	623	132.2%
E-MINI RUSSELL 2000	285,784	213,651.91	33.8%	207,516.1	37.7%	206,668	205,213	0.7%
E-MINI S&P500	2,027,323	1,554,678.82	30.4%	1,404,652.62	44.3%	1,601,755	1,985,086	-19.3%
E-MINI S&P500 ESG	2,419	1,325.45	82.5%	696.52	247.3%	1,051	542	93.8%
E-MINI S&P REAL ESTATE SELE	715	496.18	44.1%	110.62	546.3%	429	415	3.5%
ETHER FUTURES	4,130	0	-	5,825.81	-29.1%	3,527	0	-
FT-SE 100	37	0.05	81718.2%	1.24	2906.8%	9	0	24400.8%
FTSE Emerging	0	1.14	-100.0%	0	-	0	19	-99.9%
IBOVESPA INDEX	3	8.5	-62.0%	12.67	-74.5%	10	18	-44.7%
MICRO BITCOIN FUTURES	19,070	0	-	27,613.9	-30.9%	14,793	0	-
MICRO E-MINI NASDAQ 100	1,118,861	739,804.23	51.2%	1,015,440.1	10.2%	948,871	705,657	34.5%
MICRO E-MINI RUSSELL 2000	185,180	90,120.86	105.5%	178,029.52	4.0%	155,359	93,567	66.0%
MICRO E-MINI S&P500	997,678	741,727.86	34.5%	862,098.9	15.7%	867,471	896,476	-3.2%
MICRO ETHER FUTURES	9,492	0	-	0	-	829	0	-
NASDAQ-100 VOLATILITY	0	0.27	-100.0%	0.67	-100.0%	0	0	384.6%
NASDAQ BIOTECH	9	12.95	-30.5%	2.52	256.6%	29	25	16.3%
Nearby BTIC+	30	0	-	0	-	4	5	-5.7%
NIKKEI 225 (\$) STOCK	7,026	6,137	14.5%	4,673.9	50.3%	6,309	8,934	-29.4%
NIKKEI 225 (YEN) STOCK	33,694	29,180.18	15.5%	31,180.1	8.1%	32,224	44,476	-27.5%
S&P 500	6,235	6,467.41	-3.6%	973.76	540.3%	5,064	6,269	-19.2%
S&P 500 ANNUAL DIVIDEND IND	3,386	1,340.41	152.6%	1,932.81	75.2%	2,932	2,701	8.6%
S&P 500/GI	0	0	-	0	-	0	0	-
S&P 500 QUARLY DIVIDEND IND	369	85.91	329.1%	217.14	69.8%	145	60	139.6%
S&P 600 SMALLCAP EMINI	0	0	-	0	-	0	14	-100.0%
S&P CONSUMER DSCRTNRY SE	789	949.91	-16.9%	641.48	23.0%	599	496	20.8%
S&P CONSUMER STAPLES SECT	2,053	1,720.5	19.3%	563.29	264.5%	1,677	1,182	41.9%
S&P ENERGY SECTOR	4,151	3,005.68	38.1%	1,890.9	119.5%	2,544	1,686	50.9%
S&P FINANCIAL SECTOR	3,582	3,784.5	-5.3%	1,592.14	125.0%	2,949	1,545	90.8%
S&P HEALTH CARE SECTOR	2,789	1,424.86	95.7%	738.62	277.6%	1,310	880	48.9%
S&P INDUSTRIAL SECTOR	1,870	2,367.91	-21.0%	367.76	408.3%	1,181	974	21.3%
S&P MATERIALS SECTOR	1,537	1,158.27	32.7%	512.86	199.6%	727	500	45.4%
S&P TECHNOLOGY SECTOR	1,825	1,232.82	48.0%	538.1	239.2%	823	782	5.3%
S&P UTILITIES SECTOR	2,395	2,233	7.3%	971.86	146.4%	1,575	1,301	21.1%
S&P VALUE INDEX FUTURES	0	0	-	0	-	10	0	-
WATER INDEX FUTURES	2	4.27	-58.5%	0.05	3624.2%	4	0	953.2%
YEN DENOMINATED TOPIX	177	76	132.2%	192.33	-8.2%	124	308	-59.7%

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Equity Index Options								
BITCOIN OPTIONS	88	158	-44.5%	77.81	12.7%	70	148	-52.7%
E-MINI NASDAQ 100	31,330	11,923.95	162.8%	30,650.62	2.2%	27,706	15,925	74.0%
E-MINI RUSSELL 2000	2,124	761.5	178.9%	2,990.9	-29.0%	1,533	911	68.4%
E-MINI S&P500	515,652	268,976.86	91.7%	452,560.71	13.9%	332,010	334,891	-0.9%
EOM E-MINI RUSSELL 2000 END	1,674	879.68	90.3%	1,224.81	36.6%	1,065	460	131.5%
EOM EMINI S&P	134,261	56,456.91	137.8%	124,920.95	7.5%	101,149	91,002	11.1%
EOM S&P 500	864	2,194.36	-60.6%	0	-	1,303	2,676	-51.3%
EOW1 E-MINI RUSSELL 2000 WE	614	109.36	461.2%	956.52	-35.8%	575	199	189.2%
EOW1 EMINI S&P 500	95,084	17,849.36	432.7%	77,018.52	23.5%	55,737	47,523	17.3%
EOW1 S&P 500	0	737.5	-100.0%	0	-	904	1,795	-49.6%
EOW2 E-MINI RUSSELL 2000 WE	681	358.55	90.0%	787.48	-13.5%	651	317	105.1%
EOW2 EMINI S&P 500	86,110	42,772.86	101.3%	72,771.95	18.3%	58,631	50,885	15.2%
EOW2 S&P 500	0	2,189.95	-100.0%	0	-	1,577	3,325	-52.6%
EOW3 E-MINI RUSSELL 2000 WE	1,570	667.23	135.3%	1,853.57	-15.3%	1,537	811	89.4%
EOW3 EMINI S&P 500	87,846	56,195.77	56.3%	120,823.76	-27.3%	106,340	108,249	-1.8%
EOW3 S&P 500	0	620.45	-100.0%	0	-	1,034	2,741	-62.3%
EOW4 E-MINI RUSSELL 2000 WE	629	282.73	122.5%	696.71	-9.7%	701	185	279.7%
EOW4 EMINI S&P 500	70,332	26,766	162.8%	59,620.38	18.0%	47,495	40,595	17.0%
MICRO E-MINI NASDAQ	753	111.82	573.5%	390.05	93.1%	321	27	1085.8%
MICRO E-MINI NASDAQ 100	707	0	-	425.52	66.1%	110	0	-
MICRO E-MINI NASDAQ END OF	625	76.55	716.4%	425.76	46.8%	391	26	1420.6%
MICRO E-MINI NASDAQ WEEKLY	1,481	194	663.4%	1,401.81	5.7%	1,045	99	954.3%
MICRO E-MINI S&P 500	3,250	1,010.59	221.6%	1,977.95	64.3%	1,556	342	355.3%
MICRO E-MINI S&P 500 END OF	2,883	755.32	281.7%	2,802.95	2.9%	2,010	448	348.8%
MICRO E-MINI S&P 500 WEEKLY	6,330	2,112.27	199.7%	7,005.48	-9.6%	4,683	1,309	257.6%
S&P 500	0	7,381.27	-100.0%	0	-	5,168	6,500	-20.5%
FX Futures								
AD/CD CROSS RATES	3	0.55	516.6%	0	-	1	1	35.7%
AD/JY CROSS RATES	177	85.14	107.3%	149.48	18.1%	120	119	1.3%
AD/NE CROSS RATES	16	12.64	25.5%	24.14	-34.3%	16	14	15.5%
AUSTRALIAN DOLLAR	96,015	106,241.41	-9.6%	86,906.05	10.5%	97,582	102,412	-4.7%
BP/JY CROSS RATES	192	139.41	37.8%	118.95	61.5%	137	154	-11.0%
BP/SF CROSS RATES	264	31.59	735.5%	66.24	298.5%	71	20	255.1%
BRAZIL REAL	12,269	9,330.91	31.5%	10,927.29	12.3%	11,953	10,408	14.8%
BRITISH POUND	112,725	151,158.64	-25.4%	97,653.86	15.4%	96,214	110,639	-13.0%
CANADIAN DOLLAR	86,175	86,145.09	0.0%	74,595	15.5%	79,772	76,942	3.7%
CD/JY CROSS RATES	2	0.5	372.7%	28.62	-91.7%	13	2	453.7%
CHINESE RENMINBI (CNH)	995	1,633.41	-39.1%	774	28.5%	806	1,098	-26.6%
CZECK KORUNA (EC)	0	0.18	-100.0%	0	-	0	0	-73.3%
CZECK KORUNA (US)	0	0	-	0.19	-100.0%	0	0	502.5%
EC/AD CROSS RATES	385	673.45	-42.8%	179.14	115.1%	252	339	-25.6%
EC/CD CROSS RATES	870	437.95	98.6%	207.52	319.1%	374	221	69.4%
EC/NOK CROSS RATES	53	25.41	107.7%	9.05	483.3%	41	10	307.0%
EC/SEK CROSS RATES	119	63.82	86.8%	16.9	605.0%	37	32	16.2%
EFX/BP CROSS RATES	5,844	5,474.41	6.7%	1,796.52	225.3%	2,978	3,263	-8.7%
EFX/JY CROSS RATES	4,651	3,519.5	32.1%	1,877.9	147.7%	2,358	2,736	-13.8%

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FX Futures								
EFX/SF CROSS RATES	3,105	1,996.77	55.5%	1,225.62	153.3%	1,384	1,701	-18.7%
E-MICRO USD/CAD	41	0	-	23.33	75.3%	12	0	-
E-MICRO USD/CHF	5	0	-	2.33	116.2%	1	0	-
E-MICRO USD/JPY	165	0	-	239.67	-31.0%	46	0	-
E-MINI EURO FX	6,077	9,937.18	-38.8%	5,191.29	17.1%	5,706	7,579	-24.7%
E-MINI JAPANESE YEN	236	414.95	-43.2%	405	-41.8%	422	921	-54.1%
EURO FX	232,898	266,857.09	-12.7%	187,656.62	24.1%	195,240	219,048	-10.9%
HUNGARIAN FORINT (EC)	0	0	-	1.05	-100.0%	0	0	264.8%
HUNGARIAN FORINT (US)	0	1.14	-60.0%	0.29	59.1%	1	1	-12.3%
INDIAN RUPEE	854	956.27	-10.7%	834.52	2.3%	714	1,255	-43.2%
JAPANESE YEN	108,071	118,058.09	-8.5%	118,333	-8.7%	107,544	114,409	-6.0%
KOREAN WON	67	141.14	-52.6%	48.76	37.1%	86	54	59.0%
MEXICAN PESO	52,311	68,131.05	-23.2%	53,139.19	-1.6%	52,829	58,514	-9.7%
MICRO AUD/USD	14,409	11,891.68	21.2%	14,981.48	-3.8%	10,706	11,740	-8.8%
MICRO CAD/USD	3,117	1,466.68	112.5%	2,637.9	18.2%	2,727	1,423	91.6%
MICRO CHF/USD	372	460.27	-19.3%	509.1	-27.0%	419	245	70.9%
MICRO EUR/USD	26,111	27,916	-6.5%	27,626.19	-5.5%	23,644	23,898	-1.1%
MICRO GBP/USD	4,960	6,952.59	-28.7%	6,962.24	-28.8%	4,069	3,689	10.3%
MICRO INR/USD	32	100.55	-67.9%	35.14	-8.3%	75	103	-26.9%
MICRO JPY/USD	2,170	1,319.95	64.4%	4,106.81	-47.2%	1,905	1,378	38.2%
MICRO USD/CNH	0	0	-	0	-	0	0	-
NEW ZEALND DOLLAR	25,000	32,303.64	-22.6%	23,492.14	6.4%	27,908	29,679	-6.0%
NKR/USD CROSS RATE	258	533.45	-51.6%	183.86	40.4%	259	280	-7.4%
POLISH ZLOTY (EC)	18	6.73	174.3%	1.24	1390.6%	7	3	150.4%
POLISH ZLOTY (US)	101	61.09	65.8%	38.48	163.3%	49	42	16.7%
RMB USD	0	0	-	0	-	0	0	-39.9%
RUSSIAN RUBLE	10,443	7,595.09	37.5%	8,291.14	26.0%	6,020	5,588	7.7%
S.AFRICAN RAND	4,389	3,982.23	10.2%	3,608.86	21.6%	3,069	3,687	-16.7%
SF/JY CROSS RATES	3	0.18	1525.1%	2.38	24.1%	3	1	124.6%
SHEKEL	1	0.45	110.0%	1.19	-19.8%	0	1	-44.2%
SKR/USD CROSS RATES	285	494.73	-42.4%	233.81	21.8%	277	274	1.1%
SWISS FRANC	23,458	28,147.95	-16.7%	25,874.43	-9.3%	23,749	27,297	-13.0%
TURKISH LIRA	8	2.36	236.5%	0.29	2684.2%	4	37	-88.5%
USDZAR	0	0	-	57.48	-99.5%	5	0	-
FX Options								
AUD/USD MONDAY OPTION WEE	10	43.23	-78.0%	93.76	-89.9%	27	18	51.7%
AUD/USD MONDAY OPTION WEE	22	55.45	-59.9%	7.14	211.2%	20	11	76.9%
AUD/USD MONDAY OPTION WEE	4	0	-	7.29	-40.7%	19	12	61.6%
AUD/USD MONDAY OPTION WEE	21	3.86	430.6%	0.57	3487.7%	20	10	105.9%
AUD/USD MONDAY OPTION WEE	0	0	-	46.95	-100.0%	9	3	196.4%
AUD/USD MONTHLY OPTIONS	3,309	1,940.82	70.5%	3,932.38	-15.9%	4,063	3,256	24.8%
AUD/USD WKLY FRIDAY OPTION	0	25.5	-100.0%	0	-	29	24	18.2%
AUD/USD WKLY FRIDAY OPTION	107	105.32	1.6%	163.05	-34.4%	90	175	-48.4%
AUD/USD WKLY FRIDAY OPTION	125	120.14	4.2%	118.29	5.8%	131	164	-20.4%
AUD/USD WKLY FRIDAY OPTION	71	61.18	15.7%	200.62	-64.7%	141	177	-20.4%
AUD/USD WKLY FRIDAY OPTION	40	12.32	225.8%	23.62	69.9%	40	71	-43.8%
AUD/USD WKLY WED OPTIONS -	15	23.68	-36.9%	51.57	-71.0%	58	58	-0.8%

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FX Options								
AUD/USD WKLY WED OPTIONS -	8	41.27	-80.5%	16.38	-50.9%	34	69	-50.0%
AUD/USD WKLY WED OPTIONS -	21	38.27	-44.9%	3.38	523.8%	14	38	-62.4%
AUD/USD WKLY WED OPTIONS -	36	57.32	-37.7%	24.57	45.4%	41	66	-37.2%
AUD/USD WKLY WED OPTIONS -	12	41.45	-70.5%	0	-	9	27	-67.2%
BRL/USD MONTHLY OPTIONS	49	1	4754.6%	33.19	46.3%	20	3	618.0%
CAD/USD MONDAY OPTIONS WE	58	94.64	-38.7%	68.76	-15.7%	46	21	122.2%
CAD/USD MONDAY OPTIONS WE	71	4.55	1470.0%	33.71	111.7%	71	10	645.7%
CAD/USD MONDAY OPTIONS WE	18	5.91	203.1%	18	-0.5%	44	35	24.2%
CAD/USD MONDAY OPTIONS WE	17	38.64	-55.4%	18.38	-6.3%	92	24	281.6%
CAD/USD MONDAY OPTIONS WE	0	0	-	58.29	-99.8%	17	14	27.8%
CAD/USD MONTHLY OPTIONS	4,884	1,749.68	179.2%	3,664.1	33.3%	3,903	2,168	80.0%
CAD/USD WKLY FRIDAY OPTION	0	135.32	-100.0%	0	-	109	61	79.4%
CAD/USD WKLY FRIDAY OPTION	149	171.05	-12.9%	416.1	-64.2%	229	281	-18.3%
CAD/USD WKLY FRIDAY OPTION	260	373.73	-30.5%	374.71	-30.7%	358	312	15.0%
CAD/USD WKLY FRIDAY OPTION	217	197.64	9.9%	228.86	-5.1%	419	324	29.2%
CAD/USD WKLY FRIDAY OPTION	239	14.64	1535.1%	5.71	4088.1%	134	126	6.1%
CAD/USD WKLY WED OPTIONS -	64	69.59	-8.6%	99.48	-36.0%	98	101	-3.2%
CAD/USD WKLY WED OPTIONS -	35	21.09	63.8%	97.29	-64.5%	84	73	15.5%
CAD/USD WKLY WED OPTIONS -	145	37.05	290.7%	198.52	-27.1%	123	83	47.7%
CAD/USD WKLY WED OPTIONS -	88	41.82	111.1%	45	96.2%	116	106	9.7%
CAD/USD WKLY WED OPTIONS -	30	59.05	-49.6%	0	-	40	38	7.7%
CHF/USD MONTHLY OPTIONS	985	110.68	789.6%	261.57	276.4%	328	169	94.3%
CHF/USD WKLY FRIDAY OPTION	0	1	-100.0%	0	-	2	1	156.3%
CHF/USD WKLY FRIDAY OPTION	12	0.41	2922.2%	51.95	-76.2%	15	9	62.9%
CHF/USD WKLY FRIDAY OPTION	5	2.68	67.8%	3.95	13.9%	8	5	53.0%
CHF/USD WKLY FRIDAY OPTION	17	0.32	5356.8%	17.95	-3.3%	13	6	120.0%
CHF/USD WKLY FRIDAY OPTION	1	0	-	0.14	599.8%	1	7	-83.1%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	0	0	-
EUR/GBP WKLY FRIDAY OPTION	0	11.36	-100.0%	4.76	-100.0%	0	1	-59.8%
EUR/USD MONDAY OPTION WEE	105	180.18	-41.8%	37.38	180.5%	97	89	9.0%
EUR/USD MONDAY OPTION WEE	128	195.09	-34.4%	34	276.2%	105	80	31.0%
EUR/USD MONDAY OPTION WEE	37	235.91	-84.1%	55.48	-32.6%	70	99	-29.8%
EUR/USD MONDAY OPTION WEE	42	34.14	22.1%	263.05	-84.2%	137	86	58.1%
EUR/USD MONDAY OPTION WEE	2	0	-	149.95	-98.5%	36	39	-6.2%
EUR/USD MONTHLY OPTIONS	6,993	9,033.36	-22.6%	10,274.05	-31.9%	9,555	12,687	-24.7%
EUR/USD WKLY FRIDAY OPTION	0	288.14	-100.0%	0	-	201	141	42.7%
EUR/USD WKLY FRIDAY OPTION	846	681.86	24.1%	1,457.76	-42.0%	708	867	-18.4%
EUR/USD WKLY FRIDAY OPTION	1,012	924.09	9.5%	1,601.29	-36.8%	1,024	945	8.4%
EUR/USD WKLY FRIDAY OPTION	884	457.59	93.2%	793.14	11.4%	894	981	-8.9%
EUR/USD WKLY FRIDAY OPTION	508	23.68	2046.8%	7.76	6450.1%	385	319	21.0%
EUR/USD WKLY WED OPTIONS -	141	254.05	-44.7%	382.24	-63.2%	310	451	-31.1%
EUR/USD WKLY WED OPTIONS -	270	363.27	-25.8%	445.38	-39.5%	340	378	-10.1%
EUR/USD WKLY WED OPTIONS -	198	501.64	-60.5%	468.29	-57.7%	328	383	-14.3%
EUR/USD WKLY WED OPTIONS -	124	430.86	-71.2%	516.95	-76.0%	410	374	9.7%
EUR/USD WKLY WED OPTIONS -	92	449.14	-79.5%	0	-	109	174	-37.5%
GBP/USD MONDAY OPTION WEE	117	257.68	-54.5%	11.38	930.8%	32	51	-37.1%
GBP/USD MONDAY OPTION WEE	45	21.09	113.4%	34.71	29.6%	36	26	37.7%
GBP/USD MONDAY OPTION WEE	11	19.59	-42.0%	92.76	-87.7%	25	38	-35.3%
GBP/USD MONDAY OPTION WEE	6	20.73	-71.5%	153.95	-96.2%	43	49	-14.0%

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	ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
FX Options								
GBP/USD MONDAY OPTION WEE	0	0	-	27.81	-100.0%	12	7	68.1%
GBP/USD MONTHLY OPTIONS	2,674	6,558.91	-59.2%	3,444.29	-22.4%	3,472	4,573	-24.1%
GBP/USD WKLY FRIDAY OPTION	0	90.41	-100.0%	0	-	50	49	0.6%
GBP/USD WKLY FRIDAY OPTION	90	147.45	-39.1%	367.62	-75.6%	139	165	-15.7%
GBP/USD WKLY FRIDAY OPTION	116	408.41	-71.5%	237.81	-51.1%	153	209	-26.5%
GBP/USD WKLY FRIDAY OPTION	154	167.23	-7.9%	178.76	-13.9%	179	163	9.5%
GBP/USD WKLY FRIDAY OPTION	116	0.18	63506.3%	23.95	382.8%	56	66	-15.0%
GBP/USD WKLY WED OPTIONS -	76	0.68	11025.3%	61.33	23.7%	60	76	-20.5%
GBP/USD WKLY WED OPTIONS -	7	110.45	-94.0%	65.86	-90.0%	35	59	-41.6%
GBP/USD WKLY WED OPTIONS -	108	28.82	273.3%	126.48	-14.9%	47	76	-38.8%
GBP/USD WKLY WED OPTIONS -	60	109.14	-44.9%	179.76	-66.6%	70	67	3.8%
GBP/USD WKLY WED OPTIONS -	26	21.86	21.0%	0	-	13	30	-58.4%
JPY/USD MONDAY OPTION WEE	8	43.36	-82.3%	5.76	33.3%	18	39	-52.7%
JPY/USD MONDAY OPTION WEE	66	33.36	97.8%	6.48	919.1%	30	60	-49.5%
JPY/USD MONDAY OPTION WEE	2	21.14	-91.4%	9.9	-81.6%	16	36	-55.0%
JPY/USD MONDAY OPTION WEE	4	27.45	-84.9%	30.48	-86.4%	20	36	-44.1%
JPY/USD MONDAY OPTION WEE	0	0	-	9.52	-98.6%	12	12	-0.9%
JPY/USD MONTHLY OPTIONS	5,283	2,686.82	96.6%	4,403.76	20.0%	4,322	5,334	-19.0%
JPY/USD WKLY FRIDAY OPTION	0	137.86	-100.0%	0	-	115	81	41.0%
JPY/USD WKLY FRIDAY OPTION	703	303.64	131.7%	840.33	-16.3%	341	504	-32.4%
JPY/USD WKLY FRIDAY OPTION	363	586.5	-38.1%	652.71	-44.4%	480	565	-15.1%
JPY/USD WKLY FRIDAY OPTION	381	272	40.0%	396.9	-4.1%	435	518	-16.0%
JPY/USD WKLY FRIDAY OPTION	251	17	1377.3%	14.76	1601.2%	169	194	-12.9%
JPY/USD WKLY WED OPTIONS -	120	29	312.9%	284.95	-58.0%	147	215	-31.7%
JPY/USD WKLY WED OPTIONS -	209	100.59	107.3%	288.24	-27.7%	190	181	5.0%
JPY/USD WKLY WED OPTIONS -	224	69.64	221.7%	340.1	-34.1%	186	205	-9.3%
JPY/USD WKLY WED OPTIONS -	143	147.5	-3.3%	335.67	-57.5%	167	219	-23.9%
JPY/USD WKLY WED OPTIONS -	119	38.32	211.4%	0	-	50	58	-13.8%
MXN/USD MONTHLY OPTIONS	925	18.05	5026.0%	46.29	1898.5%	142	77	84.6%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	17	-100.0%
MXN/USD WKLY FRIDAY OPTION	0	22.09	-100.0%	14.29	-100.0%	4	13	-72.3%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	2	9	-74.5%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	3	12	-79.9%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	1	-100.0%
NZD/USD MONTHLY OPTIONS	1	0.86	-31.6%	27.95	-97.9%	11	20	-46.4%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-100.0%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	1	-100.0%
RUB/USD MONTHLY OPTIONS	0	3.05	-100.0%	0	-	0	3	-89.3%
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS -	0	16.95	-98.4%	27.14	-99.0%	20	35	-41.9%

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	ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Ag Products Futures								
BLOCK CHEESE	39	13.32	192.5%	12.86	203.0%	36	12	203.5%
BUTTER CS	328	285.23	14.9%	184.81	77.4%	207	278	-25.5%
CASH-SETTLED CHEESE	438	757.86	-42.3%	727.9	-39.9%	565	645	-12.4%
CAT ASIA WEATHER	0	0	-	0	-	5	31	-84.6%
CATTLE	43,422	41,177.5	5.5%	60,670.67	-28.4%	55,330	63,790	-13.3%
CAT WEATHER EUROPEAN	0	0	-	0	-	2	0	-
CDD SEASONAL STRIP	0	0	-	0	-	25	3	740.0%
CDD WEATHER	0	0	-	0	-	37	38	-3.0%
CLASS IV MILK	239	34.86	586.3%	191.62	24.9%	92	105	-12.1%
DRY WHEY	70	125.55	-44.4%	74.52	-6.3%	91	74	23.3%
FEEDER CATTLE	10,807	11,158.86	-3.2%	11,159.86	-3.2%	12,174	12,749	-4.5%
GOLDMAN SACHS	159	581.68	-72.7%	242.38	-34.4%	383	691	-44.5%
GSCI EXCESS RETURN FUT	5,333	4,296.05	24.1%	216.29	2365.7%	1,965	1,498	31.2%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	2	0	-
HDD WEATHER	256	211.36	21.0%	157.14	62.7%	117	160	-26.6%
HDD WEATHER EUROPEAN	23	72.73	-68.7%	214.29	-89.4%	47	16	193.8%
HOGS	34,212	31,036.68	10.2%	46,141.14	-25.9%	45,285	48,998	-7.6%
HOUSING INDEX	1	0.27	133.5%	0.95	-33.1%	1	1	-38.3%
LUMBER	446	642.55	-30.7%	350.86	27.0%	461	617	-25.3%
MALAYSIAN PALM SWAP	11	212.73	-94.9%	90	-87.9%	358	199	79.4%
MILK	1,432	1,780.86	-19.6%	1,531.86	-6.5%	1,227	1,694	-27.6%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	269	232	15.9%	262.38	2.5%	266	365	-27.1%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	4	5	-22.8%
PORK CUTOUT	99	93.45	5.6%	105.76	-6.7%	113	17	548.1%
S&P GSCI ENHANCED ER SWAP	91	216.5	-58.0%	0	-	32	108	-70.6%
USD CRUDE PALM OIL	808	186.77	332.7%	1,393.43	-42.0%	489	152	222.7%

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Ag Products Options								
BLOCK CHEESE	2	13.18	-86.2%	0	-	13	34	-63.4%
BUTTER CS	159	103.45	53.6%	88.67	79.2%	101	131	-23.1%
CASH-SETTLED CHEESE	320	607.05	-47.4%	256.9	24.4%	304	555	-45.2%
CATTLE	7,617	7,990.18	-4.7%	11,445.1	-33.4%	9,132	10,565	-13.6%
CDD SEASONAL STRIP	0	0	-	0	-	34	8	324.2%
CDD WEATHER	0	0	-	0	-	25	0	-
CLASS IV MILK	455	68	569.5%	377.43	20.6%	228	190	20.1%
DRY WHEY	1	23.59	-96.1%	10.71	-91.5%	8	23	-66.2%
FEEDER CATTLE	1,102	841.27	31.0%	1,311.24	-15.9%	1,063	1,177	-9.7%
HDD EURO SEASONAL STRIP	0	45.45	-100.0%	0	-	8	28	-71.3%
HDD SEASONAL STRIP	0	113.64	-100.0%	0	-	115	24	383.9%
HDD WEATHER	0	34.09	-100.0%	0	-	29	25	16.9%
HDD WEATHER EUROPEAN	0	22.73	-100.0%	95.24	-100.0%	96	2	4769.5%
HOGS	8,220	5,187.32	58.5%	8,609.71	-4.5%	9,590	11,576	-17.2%
HOUSING INDEX	0	0	-	0	-	0	0	-
LUMBER	31	45.95	-31.8%	25.67	22.0%	33	41	-20.3%
LV CATL CSO	0	0	-	0	-	0	0	-
MILK	1,769	1,487.91	18.9%	1,194.29	48.1%	1,291	2,103	-38.6%
MLK MID OPTIONS	0	0.55	-66.7%	0.57	-68.2%	0	1	-76.4%
NFD MILK	165	174.36	-5.3%	142.62	15.7%	188	341	-45.0%
PORK CUTOUT	0	8.09	-100.0%	0	-	3	1	316.0%
TOTAL FUTURES GROUP								
Interest Rate Futures	2,259,673	1,476,682.14	53.0%	3,185,757.52	-29.1%	2,583,993	2,074,170	24.6%
Equity Index Futures	5,404,249	3,893,905.05	38.8%	4,336,819.62	24.6%	4,443,976	4,567,272	-2.7%
FX Futures	839,719	954,703.32	-12.0%	761,075.67	10.3%	761,607	821,256	-7.3%
Ag Products Futures	98,480	93,116.82	5.8%	123,728.71	-20.4%	119,313	132,246	-9.8%
TOTAL FUTURES	8,602,121	6,418,407.32	34.0%	8,407,381.52	2.3%	7,908,889.65	7,594,944.24	4.1%
TOTAL OPTIONS GROUP								
Interest Rate Options	947,067	392,004.14	141.6%	1,435,772.76	-34.0%	1,059,354	1,057,658	0.2%
Equity Index Options	1,044,886	501,542.86	108.3%	961,384.24	8.7%	755,302	711,387	6.2%
FX Options	34,933	32,285.5	8.2%	39,591.29	-11.8%	37,004	40,362	-8.3%
Foreign Exchange Options	0	16.95	-98.4%	27.14	-99.0%	20	35	-41.9%
Ag Products Options	19,841	16,766.82	18.3%	23,558.14	-15.8%	22,259	26,825	-17.0%
TOTAL OPTIONS	2,046,728	942,616.27	117.1%	2,460,333.57	-16.8%	1,873,938.09	1,836,266.41	2.1%
TOTAL COMBINED								
Interest Rate	3,206,740	1,868,686.27	71.6%	4,621,530.29	-30.6%	3,643,347	3,131,828	16.3%
Equity Index	6,449,136	4,395,447.91	46.7%	5,298,203.86	21.7%	5,199,278	5,278,660	-1.5%
FX	874,652	986,988.82	-11.4%	800,666.95	9.2%	798,611	861,617	-7.3%
Foreign Exchange	0	16.95	-98.4%	27.14	-99.0%	20	35	-41.9%
Ag Products	118,322	109,883.64	7.7%	147,286.86	-19.7%	141,572	159,071	-11.0%
GRAND TOTAL	10,648,849	7,361,023.59	44.7%	10,867,715.1	-2.0%	9,782,827.75	9,431,210.65	3.7%