

CME Exchange ADV Report - Monthly

December 2023

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	ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Interest Rate Futures								
13-Week U.S. T-Bill Futures	453	0	-	762.57	-40.6%	175	0	-
1-MONTH EURODOLLAR	0	0.43	-100.0%	0	-	4	310	-98.7%
BSBY 3-MONTH FUTURES	14	449.19	-96.9%	9.29	49.7%	130	2,268	-94.2%
ESTR Basis Spread Futures	216	40.9	428.8%	59.62	262.8%	77	10	665.0%
ESTR Futures	12,558	530.19	2268.6%	13,137.9	-4.4%	6,336	67	9377.5%
EURODOLLARS	0	480,649.76	-100.0%	0	-	113,279	1,569,803	-92.8%
FTIIE	0	6.19	-100.0%	0	-	7	5	52.1%
SOFR	3,518,626	1,944,339.38	81.0%	3,964,619.62	-11.2%	3,395,492	1,760,945	92.8%
SONIA	0	97.9	-99.7%	1.19	-79.0%	6	13	-53.9%
Interest Rate Options								
EURODOLLARS	0	376,608.14	-100.0%	0	-	38,270	570,956	-93.3%
EURO MIDCURVE	0	20,093.81	-100.0%	0	-	2,391	262,264	-99.1%
SOFR	1,483,109	618,646.14	139.7%	1,381,204.62	7.4%	1,394,010	342,919	306.5%
SOFR MIDCURVE	333,103	217,898.81	52.9%	466,577.48	-28.6%	332,343	96,850	243.2%
SOFR MISCURVE	0	0	-	0	-	3	0	-

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Equity Index Futures								
AIR	9,340	3,077.76	203.5%	6,167.38	51.4%	4,739	2,802	69.1%
BITCOIN	12,178	7,448.33	63.5%	13,363.71	-8.9%	11,211	10,735	4.4%
E-mini FTSE China 50	0	2.62	-100.0%	0	-	0	30	-99.4%
E-MINI MIDCAP	18,591	16,354.86	13.7%	14,516.43	28.1%	13,847	15,841	-12.6%
E-MINI NASDAQ 100	636,647	663,153.29	-4.0%	601,685.33	5.8%	667,902	704,678	-5.2%
E-MINI RUSSELL 1000	803	725.9	10.6%	383.29	109.4%	451	593	-23.9%
E-MINI RUSSELL 1000 GROWTH	1,050	496.9	111.3%	225.52	365.6%	324	414	-21.7%
E-MINI RUSSELL 1000 VALUE	3,419	2,958.9	15.6%	552.48	518.9%	1,017	1,198	-15.2%
E-MINI RUSSELL 2000	312,805	239,790	30.4%	222,310.19	40.7%	229,858	241,320	-4.7%
E-MINI S&P500	1,925,936	2,011,590.33	-4.3%	1,509,390.81	27.6%	1,810,808	2,007,787	-9.8%
E-MINI S&P500 ESG	3,294	2,601.71	26.6%	767.05	329.4%	1,322	1,556	-15.0%
ETHER	0	0	-	0	-	0	0	-100.0%
ETHER FUTURES	6,316	3,706.95	70.4%	6,611.33	-4.5%	5,127	6,262	-18.1%
FT-SE 100	2	0	-	0	-	4	6	-42.5%
IBOVESPA INDEX	2	3	-45.0%	0.1	1633.2%	1	3	-47.2%
MICRO BITCOIN	14,132	5,558.76	154.2%	12,511.48	13.0%	10,299	14,670	-29.8%
MICRO E-MINI NASDAQ 100	959,817	1,096,418.33	-12.5%	1,000,769.14	-4.1%	1,092,341	1,453,985	-24.9%
MICRO E-MINI RUSSELL 2000	94,777	82,744.81	14.5%	72,601.95	30.5%	77,812	130,807	-40.5%
MICRO E-MINI S&P500	710,234	1,241,675.9	-42.8%	777,118.67	-8.6%	993,089	1,370,415	-27.5%
MICRO ETHER	17,122	9,031.1	89.6%	10,433.19	64.1%	9,382	19,582	-52.1%
NASDAQ-100 VOLATILITY	0	38.43	-100.0%	0	-	13	77	-83.4%
NASDAQ BIOTECH SECTOR	1	28.33	-96.5%	0.19	424.9%	6	11	-46.4%
Nearby BTIC+	0	0	-	0	-	0	30	-100.0%
NIKKEI 225 (\$) STOCK	7,881	6,278.86	25.5%	5,701.43	38.2%	6,816	5,588	22.0%
NIKKEI 225 (YEN) STOCK	31,555	32,615.81	-3.3%	29,480.48	7.0%	30,992	36,706	-15.6%
PHLX SEMICONDUCTOR SECTO	144	9.62	1401.2%	130.9	10.3%	56	8	557.1%
S&P 500	423	1,270.48	-66.7%	631.86	-33.0%	637	788	-19.2%
S&P 500 ANNUAL DIVIDEND IND	2,927	3,293.81	-11.1%	3,932.76	-25.6%	3,640	3,919	-7.1%
S&P 500 QUARLY DIVIDEND IND	930	405.38	129.5%	882.48	5.4%	716	232	208.0%
S&P 600 SMALLCAP EMINI	87	0	-	6.52	1238.9%	17	0	-
S&P BIOTECHNOLOGY SECTOR	64	69.76	-8.9%	40.1	58.5%	50	43	15.9%
S&P COMMUNICATION SERVICE	1,067	304.76	250.1%	86.76	1129.7%	347	202	71.7%
S&P CONSUMER DISCRETIONAR	1,060	544.62	94.5%	349.29	203.3%	562	611	-8.0%
S&P CONSUMER STAPLES SECT	3,552	2,744.33	29.4%	670.38	429.8%	1,735	1,426	21.6%
S&P ENERGY SECTOR	5,468	4,854.14	12.6%	2,105.14	159.7%	2,480	3,276	-24.3%
S&P FINANCIAL SECTOR	4,595	3,789.48	21.3%	680.48	575.3%	2,287	1,857	23.2%
S&P HEALTH CARE SECTOR	1,697	1,753.48	-3.2%	478.33	254.8%	1,092	1,262	-13.5%
S&P INDUSTRIAL SECTOR	2,947	2,799.33	5.3%	594.52	395.6%	1,151	1,532	-24.8%
S&P MATERIALS SECTOR	1,706	980.24	74.1%	434.43	292.8%	857	752	13.9%
S&P OIL & GAS EXPLORATION A	37	16.19	129.1%	22.19	67.2%	17	20	-13.3%
S&P REAL ESTATE SECTOR	1,887	1,336.14	41.2%	277.43	580.3%	607	391	55.1%
S&P REGIONAL BANKS SECTOR	146	15.9	816.7%	119.86	21.6%	85	11	643.4%
S&P RETAIL SECTOR	31	20.14	55.6%	31.24	0.4%	28	14	95.6%
S&P TECHNOLOGY SECTOR	1,828	1,743.19	4.8%	599.62	204.8%	956	1,265	-24.4%
S&P UTILITIES SECTOR	3,918	3,080.19	27.2%	2,047.29	91.4%	2,553	1,791	42.5%
TOPIX (USD)	5	2.57	104.2%	2.86	83.8%	4	0	1084.3%
TOPIX (YEN)	27	13.43	97.7%	23.52	12.9%	16	81	-80.5%
WATER INDEX FUTURES	0	0.29	-65.0%	0.86	-88.3%	1	2	-71.8%

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Equity Index Options								
BITCOIN OPTIONS	490	128	282.7%	285.38	71.6%	342	149	129.3%
E-MINI NASDAQ 100	69,935	37,628.33	85.9%	66,802	4.7%	67,118	47,061	42.6%
E-MINI RUSSELL 2000	19,722	5,117.14	285.4%	15,069.62	30.9%	8,460	6,216	36.1%
E-MINI S&P500	1,479,795	1,117,840.76	32.4%	1,441,702.52	2.6%	1,339,118	1,145,479	16.9%
ETHER OPTIONS	174	15.38	1032.9%	193.1	-9.8%	127	6	2177.7%
EVENT CONTRACT S&P 500	88	0	-	220.24	-60.1%	289	0	-
MICRO BITCOIN	701	51.1	1272.0%	997.57	-29.7%	630	313	101.2%
MICRO E-MINI NASDAQ 100	2,197	2,161.67	1.6%	2,643.33	-16.9%	2,694	2,545	5.9%
Micro E-mini S&P 500	12,407	11,963.19	3.7%	17,675.48	-29.8%	12,571	11,330	11.0%
MICRO ETHER	1,544	52.05	2867.0%	4,495.33	-65.6%	1,322	1,389	-4.8%
FX Futures								
AD/CD CROSS RATES	0	6.62	-100.0%	0	-	1	4	-82.6%
AD/JY CROSS RATES	193	126.62	52.6%	78.95	144.8%	90	210	-57.3%
AD/NE CROSS RATES	928	376.48	146.5%	419	121.5%	291	282	3.0%
AUSTRALIAN DOLLAR	115,677	97,167.38	19.0%	114,783.76	0.8%	102,345	101,577	0.8%
BP/JY CROSS RATES	411	413.81	-0.7%	87.76	368.3%	179	259	-31.0%
BP/SF CROSS RATES	342	198.86	72.0%	166.38	105.5%	191	144	32.0%
BRAZIL REAL	18,660	12,739.86	46.5%	19,099.38	-2.3%	15,111	15,375	-1.7%
BRITISH POUND	114,410	114,803	-0.3%	108,383.86	5.6%	107,305	124,444	-13.8%
CANADIAN DOLLAR	102,313	90,453.19	13.1%	77,257.86	32.4%	85,312	90,708	-5.9%
CD/JY CROSS RATES	3	3.86	-10.6%	1.33	158.8%	3	3	-8.6%
CHILEAN PESO	0	0	-	0	-	0	0	88.3%
CHINESE RENMINBI (CNH)	3,206	1,916.14	67.3%	4,055.33	-20.9%	1,853	1,531	21.0%
CZECK KORUNA (EC)	0	0	-	0	-	0	0	-85.3%
CZECK KORUNA (US)	13	8.71	52.0%	5.19	155.3%	3	3	-22.9%
EC/AD CROSS RATES	483	407.14	18.6%	62.1	677.7%	286	283	0.9%
EC/CD CROSS RATES	792	860	-7.9%	157.76	402.1%	324	428	-24.1%
EC/NOK CROSS RATES	313	86.29	263.2%	54.33	476.8%	126	105	19.2%
EC/SEK CROSS RATES	181	351.76	-48.6%	118.81	52.2%	244	169	44.4%
EFX/BP CROSS RATES	6,359	6,664.81	-4.6%	2,712.62	134.4%	3,650	4,743	-23.0%
EFX/JY CROSS RATES	5,454	3,892.95	40.1%	1,798.62	203.3%	2,745	2,760	-0.5%
EFX/SF CROSS RATES	2,894	2,072.81	39.6%	964.05	200.2%	1,339	1,923	-30.4%
E-MICRO USD/CAD	10	7.57	26.1%	1	855.0%	5	8	-37.2%
E-MICRO USD/CHF	5	5.14	1.1%	2.24	132.3%	6	3	76.9%
E-MICRO USD/JPY	60	87.9	-31.9%	51.19	17.0%	147	614	-76.0%
E-MINI EURO FX	5,285	9,641.29	-45.2%	4,822.29	9.6%	5,601	7,612	-26.4%
E-MINI JAPANESE YEN	849	595.62	42.5%	638.86	32.9%	606	574	5.6%
EURO FX	295,375	292,149.95	1.1%	209,899.95	40.7%	233,576	245,150	-4.7%
HUNGARIAN FORINT (EC)	1	0.19	188.7%	0	-	0	0	41.1%
HUNGARIAN FORINT (US)	26	0.33	7625.8%	16.86	52.8%	4	0	1643.5%
INDIAN RUPEE	1,197	1,459.38	-18.0%	993.9	20.5%	1,201	1,331	-9.8%
JAPANESE YEN	214,144	168,744.81	26.9%	187,148.48	14.4%	177,060	157,650	12.3%
KOREAN WON	136	9.24	1370.0%	131.1	3.6%	57	23	151.1%
MEXICAN PESO	94,791	85,905.76	10.3%	61,586.67	53.9%	67,035	61,109	9.7%
MICRO AUD/USD	13,602	12,757.81	6.6%	15,054.67	-9.6%	13,387	12,686	5.5%
MICRO CAD/USD	2,478	3,132.76	-20.9%	2,672.48	-7.3%	2,494	3,027	-17.6%

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FX Futures								
MICRO CHF/USD	982	829.52	18.4%	582.29	68.6%	751	826	-9.1%
MICRO EUR/USD	29,001	39,900.62	-27.3%	27,688.71	4.7%	29,137	38,384	-24.1%
MICRO GBP/USD	3,849	4,801.52	-19.8%	3,479.1	10.6%	3,350	5,897	-43.2%
MICRO INR/USD	9	35.57	-75.0%	10.38	-14.3%	18	34	-47.3%
MICRO JPY/USD	0	0	-	0	-	0	405	-100.0%
MICRO USD/CNH	0	0	-	0	-	0	0	-100.0%
NEW ZEALND DOLLAR	35,916	31,542.57	13.9%	33,240.52	8.0%	32,275	31,390	2.8%
NKR/USD CROSS RATE	314	166.57	88.3%	126.81	147.3%	219	170	28.8%
POLISH ZLOTY (EC)	6	11.19	-42.8%	0.14	4378.7%	3	6	-40.6%
POLISH ZLOTY (US)	133	98.57	35.2%	86.57	54.0%	72	80	-10.1%
RMB USD	0	0.05	-100.0%	0	-	0	0	-83.3%
RUSSIAN RUBLE	0	0	-	0	-	0	2,340	-100.0%
S.AFRICAN RAND	3,932	4,354.29	-9.7%	4,052.67	-3.0%	4,196	4,465	-6.0%
SF/JY CROSS RATES	195	103.33	88.3%	45.9	323.9%	62	58	6.8%
SHEKEL	7	1.95	271.3%	11.86	-38.9%	7	1	767.6%
SKR/USD CROSS RATES	315	663.67	-52.6%	261.9	20.1%	271	389	-30.4%
SWISS FRANC	34,640	21,923.19	58.0%	20,616.24	68.0%	22,852	25,474	-10.3%
TURKISH LIRA	5	3	76.7%	0	-	2	2	-9.8%
USDZAR	0	0	-	0.71	-100.0%	1	0	596.4%
FX Options								
AUD/USD MONDAY OPTION WEE	5	2.52	98.1%	7.48	-33.1%	9	8	12.6%
AUD/USD MONDAY OPTION WEE	14	4.33	225.4%	2.38	492.2%	17	14	24.7%
AUD/USD MONDAY OPTION WEE	2	8.29	-72.8%	2.33	-3.6%	9	12	-28.9%
AUD/USD MONDAY OPTION WEE	0	0.43	-53.3%	3.95	-94.9%	13	14	-8.7%
AUD/USD MONDAY OPTION WEE	2	0.05	3051.3%	0	-	3	5	-44.1%
AUD/USD MONTHLY OPTIONS	2,698	1,974.33	36.7%	4,600	-41.3%	3,179	3,750	-15.2%
AUD/USD THURSDAY WKLY OPT	8	0.05	17547.1%	24.57	-65.8%	7	0	178100.0%
AUD/USD THURSDAY WKLY OPT	6	0	-	0.67	740.1%	4	0	-
AUD/USD THURSDAY WKLY OPT	2	3.38	-27.5%	0.57	328.8%	5	0	1779.1%
AUD/USD THURSDAY WKLY OPT	0	0.14	110.1%	0	-	6	0	54000.0%
AUD/USD THURSDAY WKLY OPT	0	0.67	-100.0%	3.29	-100.0%	2	0	3964.5%
AUD/USD TUESDAY WKLY OPT	6	0.62	812.8%	9.19	-38.5%	9	0	16718.5%
AUD/USD TUESDAY WKLY OPT	8	0	-	5.1	50.1%	8	0	-
AUD/USD TUESDAY WKLY OPT	11	21.71	-50.7%	5.62	90.4%	6	2	256.9%
AUD/USD TUESDAY WKLY OPT	2	7.33	-70.7%	0.9	137.6%	5	1	782.0%
AUD/USD TUESDAY WKLY OPT	0	0	-	0	-	2	0	-
AUD/USD WKLY FRIDAY OPTION	0	5.43	-93.6%	68	-99.5%	24	26	-6.4%
AUD/USD WKLY FRIDAY OPTION	39	47.9	-17.9%	51.29	-23.3%	64	76	-14.9%
AUD/USD WKLY FRIDAY OPTION	64	48.52	32.5%	96.05	-33.1%	82	95	-13.3%
AUD/USD WKLY FRIDAY OPTION	64	53.05	20.4%	63.1	1.2%	80	82	-1.8%
AUD/USD WKLY FRIDAY OPTION	15	28.76	-46.3%	36.48	-57.6%	21	27	-21.1%
AUD/USD WKLY WED OPTIONS -	54	4.86	1009.7%	3.48	1450.6%	22	26	-14.4%
AUD/USD WKLY WED OPTIONS -	3	13.33	-76.4%	16.43	-80.8%	13	24	-44.6%
AUD/USD WKLY WED OPTIONS -	18	29.95	-38.7%	162.67	-88.7%	27	25	10.6%
AUD/USD WKLY WED OPTIONS -	1	6.29	-89.7%	26.24	-97.5%	13	23	-43.3%
AUD/USD WKLY WED OPTIONS -	0	0	-	16.95	-100.0%	7	4	71.4%
BRL/USD MONTHLY OPTIONS	1	2	-50.0%	0	-	1	13	-89.0%

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FX Options								
CAD/USD MONDAY OPTIONS WE	37	9.86	279.4%	113.95	-67.2%	41	18	125.5%
CAD/USD MONDAY OPTIONS WE	66	56.57	17.2%	74.38	-10.9%	50	51	-1.7%
CAD/USD MONDAY OPTIONS WE	66	9.57	592.7%	100.14	-33.8%	42	46	-8.7%
CAD/USD MONDAY OPTIONS WE	48	0.43	11148.5%	99.1	-51.4%	52	29	81.9%
CAD/USD MONDAY OPTIONS WE	15	35.52	-59.2%	0	-	3	14	-79.4%
CAD/USD MONTHLY OPTIONS	1,424	2,919.76	-51.2%	1,953.81	-27.1%	2,359	4,308	-45.2%
CAD/USD THURSDAY WKLY OPT	79	0	-	74.86	5.3%	29	0	-
CAD/USD THURSDAY WKLY OPT	12	0	-	28.48	-57.9%	16	0	-
CAD/USD THURSDAY WKLY OPT	109	0.1	113923.1%	14.95	626.0%	27	0	336650.0%
CAD/USD THURSDAY WKLY OPT	25	0	-	0	-	22	0	-
CAD/USD THURSDAY WKLY OPT	0	0.33	-100.0%	36.19	-100.0%	12	0	44100.7%
CAD/USD TUESDAY WKLY OPT	15	0.62	2379.8%	11.24	36.6%	21	0	40232.0%
CAD/USD TUESDAY WKLY OPT	43	0	-	5.38	693.5%	35	0	-
CAD/USD TUESDAY WKLY OPT	12	0	-	51.76	-77.1%	28	0	-
CAD/USD TUESDAY WKLY OPT	58	0.1	60876.9%	8.71	566.1%	22	0	269150.0%
CAD/USD TUESDAY WKLY OPT	0	0	-	0	-	5	0	-
CAD/USD WKLY FRIDAY OPTION	43	7.95	435.7%	191.52	-77.8%	67	68	-1.3%
CAD/USD WKLY FRIDAY OPTION	74	56.14	32.0%	161.67	-54.2%	108	153	-29.4%
CAD/USD WKLY FRIDAY OPTION	110	128.57	-14.5%	220.24	-50.1%	134	247	-45.7%
CAD/USD WKLY FRIDAY OPTION	176	125.71	40.0%	160.57	9.6%	155	220	-29.7%
CAD/USD WKLY FRIDAY OPTION	47	125.1	-62.1%	18.05	162.4%	51	62	-16.9%
CAD/USD WKLY WED OPTIONS -	113	23.86	372.2%	82.19	37.1%	72	45	57.3%
CAD/USD WKLY WED OPTIONS -	60	10.38	473.6%	83.05	-28.3%	54	52	4.1%
CAD/USD WKLY WED OPTIONS -	33	36.48	-9.0%	81.67	-59.3%	51	63	-18.9%
CAD/USD WKLY WED OPTIONS -	63	18.81	232.5%	40.81	53.3%	60	68	-11.2%
CAD/USD WKLY WED OPTIONS -	0	0	-	62.29	-100.0%	19	22	-11.2%
CHF/USD MONTHLY OPTIONS	925	194.24	376.4%	556.86	66.2%	424	264	60.4%
CHF/USD WKLY FRIDAY OPTION	1	0.24	152.0%	5.9	-89.8%	9	5	93.8%
CHF/USD WKLY FRIDAY OPTION	99	8.19	1103.2%	10.52	836.4%	31	4	610.7%
CHF/USD WKLY FRIDAY OPTION	332	2.71	12126.0%	116.29	185.4%	67	5	1146.1%
CHF/USD WKLY FRIDAY OPTION	44	2.81	1457.2%	112.24	-61.0%	77	6	1225.9%
CHF/USD WKLY FRIDAY OPTION	220	0.38	57695.3%	28.57	670.7%	34	1	4021.2%
EUR/GBP MONTHLY OPTIONS	0	4.76	-100.0%	0	-	0	15	-100.0%
EUR/USD MONDAY OPTION WEE	10	19.57	-47.1%	47.95	-78.4%	67	82	-19.0%
EUR/USD MONDAY OPTION WEE	112	135.57	-17.5%	52.76	112.1%	88	131	-33.2%
EUR/USD MONDAY OPTION WEE	77	152.67	-49.8%	138.81	-44.7%	81	62	30.3%
EUR/USD MONDAY OPTION WEE	28	41.52	-32.0%	34.1	-17.1%	76	127	-40.2%
EUR/USD MONDAY OPTION WEE	99	34.29	189.8%	0	-	21	23	-8.6%
EUR/USD MONTHLY OPTIONS	13,162	14,101.43	-6.7%	11,412.29	15.3%	13,128	13,784	-4.8%
EUR/USD THURSDAY WKLY OPT	184	2.43	7466.1%	197.38	-6.9%	62	0	30510.2%
EUR/USD THURSDAY WKLY OPT	252	0	-	6.19	3969.1%	50	0	-
EUR/USD THURSDAY WKLY OPT	49	1.71	2749.6%	148.33	-67.1%	39	0	26820.5%
EUR/USD THURSDAY WKLY OPT	61	5.29	1052.2%	0	-	43	0	9607.8%
EUR/USD THURSDAY WKLY OPT	0	2	-100.0%	25.71	-100.0%	4	0	2098.3%
EUR/USD TUESDAY WKLY OPT	86	16.71	412.4%	100.9	-15.1%	31	1	2135.4%
EUR/USD TUESDAY WKLY OPT	43	15.43	176.1%	33.1	28.7%	31	1	2334.8%
EUR/USD TUESDAY WKLY OPT	5	0	-	52.38	-91.2%	31	0	-
EUR/USD TUESDAY WKLY OPT	8	2.81	179.4%	43.62	-82.0%	27	0	11534.2%
EUR/USD TUESDAY WKLY OPT	0	0	-	0	-	12	0	-

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	ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
FX Options								
EUR/USD WKLY FRIDAY OPTION	11	39.57	-73.1%	460.95	-97.7%	157	272	-42.4%
EUR/USD WKLY FRIDAY OPTION	380	807.95	-52.9%	390.38	-2.6%	789	665	18.7%
EUR/USD WKLY FRIDAY OPTION	719	1,232.29	-41.7%	2,493.86	-71.2%	1,283	837	53.3%
EUR/USD WKLY FRIDAY OPTION	687	447.95	53.3%	829.14	-17.2%	1,211	829	46.0%
EUR/USD WKLY FRIDAY OPTION	1,021	363.9	180.4%	20.48	4883.8%	223	266	-16.0%
EUR/USD WKLY WED OPTIONS -	199	204.29	-2.4%	236.95	-15.9%	248	301	-17.6%
EUR/USD WKLY WED OPTIONS -	246	219.9	12.0%	217.62	13.1%	292	263	11.0%
EUR/USD WKLY WED OPTIONS -	363	220.19	64.9%	276.76	31.2%	253	256	-1.3%
EUR/USD WKLY WED OPTIONS -	246	138.62	77.4%	316.71	-22.3%	239	304	-21.4%
EUR/USD WKLY WED OPTIONS -	0	0	-	319.24	-100.0%	86	98	-11.5%
EVENT CONTRACT EUR/USD	229	325.86	-29.8%	101.76	124.6%	252	55	362.5%
GBP/USD MONDAY OPTION WEE	21	33.48	-37.7%	24.71	-15.6%	29	27	10.2%
GBP/USD MONDAY OPTION WEE	2	35.9	-94.8%	54.71	-96.6%	41	47	-13.1%
GBP/USD MONDAY OPTION WEE	45	47.48	-4.4%	19.76	129.7%	26	19	37.2%
GBP/USD MONDAY OPTION WEE	12	24.24	-49.5%	114.81	-89.3%	39	27	45.6%
GBP/USD MONDAY OPTION WEE	23	19.9	14.8%	0	-	6	15	-61.1%
GBP/USD MONTHLY OPTIONS	2,245	2,996.95	-25.1%	2,496.38	-10.1%	3,043	3,964	-23.2%
GBP/USD THURSDAY WKLY OPT	3	0	-	5.05	-36.6%	11	0	-
GBP/USD THURSDAY WKLY OPT	2	0	-	1.19	84.8%	8	0	-
GBP/USD THURSDAY WKLY OPT	80	0.19	41894.8%	24.71	223.7%	18	0	113409.4%
GBP/USD THURSDAY WKLY OPT	2	30.9	-93.9%	0	-	6	3	116.6%
GBP/USD THURSDAY WKLY OPT	0	1.29	-100.0%	3.81	-100.0%	2	0	1548.4%
GBP/USD TUESDAY WKLY OPT	10	1.95	422.4%	1.57	549.1%	8	0	4546.7%
GBP/USD TUESDAY WKLY OPT	2	0	-	2.86	-21.3%	12	0	-
GBP/USD TUESDAY WKLY OPT	8	0	-	5.05	61.5%	11	0	-
GBP/USD TUESDAY WKLY OPT	3	2.71	-2.4%	1.33	98.8%	9	0	3852.4%
GBP/USD TUESDAY WKLY OPT	0	0	-	0	-	2	0	-
GBP/USD WKLY FRIDAY OPTION	0	30.14	-99.3%	58.33	-99.7%	32	45	-30.1%
GBP/USD WKLY FRIDAY OPTION	45	85.38	-47.1%	91.71	-50.8%	131	124	6.1%
GBP/USD WKLY FRIDAY OPTION	102	170.14	-39.9%	62.1	64.7%	165	175	-6.0%
GBP/USD WKLY FRIDAY OPTION	93	134.57	-30.6%	115.14	-18.8%	124	143	-13.7%
GBP/USD WKLY FRIDAY OPTION	171	150.86	13.4%	28.95	490.6%	44	57	-23.3%
GBP/USD WKLY WED OPTIONS -	20	91.76	-78.3%	19.48	2.4%	36	64	-43.4%
GBP/USD WKLY WED OPTIONS -	38	50.19	-24.7%	5.1	641.9%	41	25	62.5%
GBP/USD WKLY WED OPTIONS -	68	56.81	20.5%	34	101.3%	55	50	8.8%
GBP/USD WKLY WED OPTIONS -	11	88.24	-88.0%	30	-64.7%	30	60	-49.1%
GBP/USD WKLY WED OPTIONS -	0	0	-	3.48	-100.0%	6	5	15.8%
JPY/USD MONDAY OPTION WEE	9	15.67	-44.1%	77.95	-88.8%	41	28	43.3%
JPY/USD MONDAY OPTION WEE	218	7.67	2742.8%	83.05	162.4%	77	40	91.9%
JPY/USD MONDAY OPTION WEE	122	8.33	1359.2%	95.19	27.7%	39	13	200.8%
JPY/USD MONDAY OPTION WEE	37	2.71	1277.9%	31.48	18.8%	35	64	-45.2%
JPY/USD MONDAY OPTION WEE	9	0.76	1087.8%	0	-	27	4	577.5%
JPY/USD MONTHLY OPTIONS	6,822	3,497.57	95.1%	8,918.67	-23.5%	5,392	6,524	-17.3%
JPY/USD THURSDAY WKLY OPT	20	0.48	4173.4%	10.71	89.9%	13	0	32561.7%
JPY/USD THURSDAY WKLY OPT	36	0	-	0.1	37715.1%	7	0	-
JPY/USD THURSDAY WKLY OPT	69	3.38	1951.2%	5.57	1144.7%	8	0	2627.5%
JPY/USD THURSDAY WKLY OPT	1	1.52	-37.7%	0	-	4	0	3244.3%
JPY/USD THURSDAY WKLY OPT	0	0.95	-100.0%	63.38	-100.0%	6	0	7970.3%
JPY/USD TUESDAY WKLY OPT W	53	0.19	27642.8%	7.33	620.7%	11	0	66875.0%

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	ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
FX Options								
JPY/USD TUESDAY WKLY OPT W	70	0.1	73271.8%	7.38	846.3%	22	0	281100.0%
JPY/USD TUESDAY WKLY OPT W	86	0.29	30124.0%	32.81	163.2%	19	0	81021.3%
JPY/USD TUESDAY WKLY OPT W	34	0.48	7134.4%	0.14	24024.6%	17	0	42241.7%
JPY/USD TUESDAY WKLY OPT W	0	0	-	0	-	11	0	-
JPY/USD WKLY FRIDAY OPTION	1	39.57	-98.0%	314.52	-99.7%	68	159	-57.4%
JPY/USD WKLY FRIDAY OPTION	170	118.95	43.0%	391.1	-56.5%	330	364	-9.4%
JPY/USD WKLY FRIDAY OPTION	618	430.1	43.7%	539.48	14.6%	414	554	-25.3%
JPY/USD WKLY FRIDAY OPTION	692	292.48	136.5%	288.05	140.2%	432	494	-12.4%
JPY/USD WKLY FRIDAY OPTION	262	122	114.4%	21.29	1129.0%	99	165	-40.0%
JPY/USD WKLY WED OPTIONS -	188	372.57	-49.5%	121.14	55.4%	172	200	-13.7%
JPY/USD WKLY WED OPTIONS -	217	243.48	-11.1%	323.95	-33.2%	155	182	-14.6%
JPY/USD WKLY WED OPTIONS -	579	193.57	198.9%	182.67	216.7%	184	157	17.1%
JPY/USD WKLY WED OPTIONS -	304	97.33	211.9%	135.57	123.9%	127	202	-37.1%
JPY/USD WKLY WED OPTIONS -	0	0	-	167.76	-100.0%	40	62	-35.3%
MXN/USD MONTHLY OPTIONS	95	4.33	2094.6%	860.14	-88.9%	168	67	149.3%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-100.0%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-100.0%
NZD/USD MONTHLY OPTIONS	0	333.52	-100.0%	0.71	-79.0%	301	122	146.1%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
USD/CNH MONTHLY OPTIONS	0	0	-	3.33	-100.0%	4	0	-
USD/CNH WEEKLY FRIDAY OPTI	0	0	-	0	-	0	0	-
ZAR/USD MONTHLY OPTIONS	0	2.38	-100.0%	0	-	3	0	1365.9%

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	ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Ag Products Futures								
BLOCK CHEESE	20	11.33	75.6%	8.33	138.8%	23	15	53.4%
BUTTER CS	209	182.05	14.9%	206.19	1.5%	188	200	-6.4%
CASH-SETTLED CHEESE	801	612.14	30.8%	684.62	16.9%	655	481	36.0%
CATTLE	49,686	42,654.95	16.5%	73,622.24	-32.5%	65,397	56,380	16.0%
CDD SEASONAL STRIP	0	0	-	0	-	16	29	-45.1%
CDD WEATHER	0	0	-	0	-	68	94	-28.0%
CLASS IV MILK	81	71.29	13.7%	103.67	-21.8%	74	115	-35.8%
DRY WHEY	84	84.71	-1.2%	87.9	-4.8%	58	50	16.2%
FEEDER CATTLE	16,853	12,097.86	39.3%	17,869.38	-5.7%	17,578	13,385	31.3%
GOLDMAN SACHS	99	128.62	-23.3%	85.1	15.9%	97	180	-46.1%
GSCI EXCESS RETURN FUT	3,562	4,774.29	-25.4%	107.67	3208.8%	1,226	2,017	-39.2%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	13	-100.0%
HDD SEASONAL STRIP	0	0	-	0	-	0	16	-100.0%
HDD WEATHER	53	833.33	-93.7%	150	-65.0%	31	157	-80.0%
HDD WEATHER EUROPEAN	140	52.38	167.3%	203.57	-31.2%	59	38	57.9%
HOGS	39,665	38,201.05	3.8%	55,973.62	-29.1%	51,170	45,452	12.6%
HOUSING INDEX	0	0.57	-47.5%	0.48	-37.0%	1	1	5.3%
LUMBER	829	624.52	32.7%	1,038.9	-20.2%	756	445	69.9%
MALAYSIAN PALM SWAP	0	0	-	0	-	0	0	-
MILK	1,834	1,328.71	38.1%	1,663.14	10.3%	1,598	1,359	17.5%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	169	202.05	-16.3%	201.71	-16.1%	240	266	-9.6%
OTC SP GSCI ER SWAP	0	0	-	974.67	-100.0%	615	0	-
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	0	-
PORK CUTOUT	5	60.71	-91.3%	12.67	-58.2%	60	96	-37.6%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	0	0	-
USD CRUDE PALM OIL	647	752.48	-14.0%	877.67	-26.2%	1,186	1,001	18.4%

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	ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Ag Products Options								
BLOCK CHEESE	63	5.9	963.5%	64.76	-3.0%	30	11	180.8%
BUTTER CS	89	104.81	-14.9%	41.52	114.8%	92	81	12.6%
CASH-SETTLED CHEESE	376	181.05	107.7%	286.71	31.1%	356	320	11.4%
CATTLE	16,975	11,471.24	48.0%	25,465.1	-33.3%	16,407	10,342	58.6%
CDD SEASONAL STRIP	250	0	-	0	-	349	82	327.1%
CDD WEATHER	1,000	0	-	0	-	544	4	12313.3%
CLASS IV MILK	399	237.52	67.9%	552.29	-27.8%	366	349	4.9%
DRY WHEY	8	2.38	252.8%	18.14	-53.7%	11	13	-19.7%
FEEDER CATTLE	3,561	1,351.29	163.5%	5,134.14	-30.6%	3,243	1,676	93.5%
HDD EURO SEASONAL STRIP	0	0	-	0	-	112	27	316.5%
HDD SEASONAL STRIP	100	0	-	166.67	-40.0%	242	16	1418.6%
HDD WEATHER	1,650	285.71	477.5%	619.05	166.5%	409	75	443.2%
HDD WEATHER EUROPEAN	900	0	-	0	-	152	8	1807.6%
HOGS	14,005	10,462.57	33.9%	15,194.19	-7.8%	15,205	10,826	40.4%
LUMBER	30	5.14	490.1%	44.43	-31.7%	25	18	43.0%
LV CATL CSO	0	0	-	0	-	0	0	-
MILK	1,185	1,006.48	17.8%	1,805.05	-34.3%	1,230	1,179	4.3%
MLK MID OPTIONS	0	0.05	530.3%	0.14	109.9%	0	0	-33.8%
NFD MILK	153	133.71	14.5%	296.24	-48.3%	257	205	25.2%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	36	0	-
PORK CUTOOT	0	0	-	0	-	0	0	147.6%
TOTAL FUTURES GROUP								
Interest Rate Futures	3,531,867	2,426,113.95	45.6%	3,978,590.19	-11.2%	3,515,507	3,333,421	5.5%
Equity Index Futures	4,800,447	5,455,348.38	-12.0%	4,298,738.95	11.7%	4,987,251	6,044,579	-17.5%
FX Futures	1,109,896	1,011,483.67	9.7%	903,430.57	22.9%	915,791	944,660	-3.1%
Ag Products Futures	114,738	102,673.05	11.8%	153,871.52	-25.4%	141,097	121,792	15.9%
TOTAL FUTURES	9,556,948	8,995,619.05	6.2%	9,334,631.24	2.4%	9,559,645.82	10,444,451.69	-8.5%
TOTAL OPTIONS GROUP								
Interest Rate Options	1,816,212	1,233,246.9	47.3%	1,847,782.1	-1.7%	1,767,017	1,272,989	38.8%
Equity Index Options	1,587,052	1,174,957.62	35.1%	1,550,084.57	2.4%	1,432,671	1,214,487	18.0%
FX Options	39,366	34,418.57	14.4%	43,557.19	-9.6%	38,802	42,604	-8.9%
Ag Products Options	40,746	25,247.86	61.4%	49,688.43	-18.0%	39,066	25,233	54.8%
TOTAL OPTIONS	3,483,377	2,467,870.95	41.1%	3,491,112.28	-0.2%	3,277,555.06	2,555,312.46	28.3%
TOTAL COMBINED								
Interest Rate	5,348,080	3,659,360.86	46.1%	5,826,372.29	-8.2%	5,282,524	4,606,410	14.7%
Equity Index	6,387,500	6,630,306	-3.7%	5,848,823.52	9.2%	6,419,922	7,259,066	-11.6%
FX	1,149,262	1,045,902.24	9.9%	946,987.76	21.4%	954,592	987,264	-3.3%
Ag Products	155,484	127,920.91	21.5%	203,559.95	-23.6%	180,163	147,024	22.5%
GRAND TOTAL	13,040,325	11,463,490	13.8%	12,825,743.52	1.7%	12,837,200.88	12,999,764.14	-1.3%