

CME Exchange ADV Report - Monthly

January 2023

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	ADV JAN 2023	ADV JAN 2022	% CHG	ADV DEC 2022	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	0	0	-	0.43	-100.0%	0	0	-
BSBY 3-MONTH FUTURES	162	5,990.8	-97.3%	449.19	-64.0%	162	5,991	-97.3%
ESTR Basis Spread Futures	77	0	-	40.9	88.2%	77	0	-
ESTR Futures	1,321	0	-	530.19	149.2%	1,321	0	-
EURODOLLARS	426,331	2,659,936.4	-84.0%	480,649.76	-11.3%	426,331	2,659,936	-84.0%
FTIIE	7	6.65	5.3%	6.19	13.1%	7	7	5.3%
SOFR	2,603,799	731,125.95	256.1%	1,944,339.38	33.9%	2,603,799	731,126	256.1%
SONIA	2	17	-87.6%	97.9	-97.9%	2	17	-87.6%
Interest Rate Options								
EURODOLLARS	136,288	924,448.85	-85.3%	376,608.14	-63.8%	136,288	924,449	-85.3%
EURO MIDCURVE	13,822	602,763	-97.7%	20,093.81	-31.2%	13,822	602,763	-97.7%
SOFR	1,497,517	8,150.4	18273.5%	618,646.14	142.1%	1,497,517	8,150	18273.5%
SOFR MIDCURVE	344,681	3,196.45	10683.2%	217,898.81	58.2%	344,681	3,196	10683.2%
SOFR MISCURVE	35	0	-	0	-	35	0	-

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	ADV JAN 2023	ADV JAN 2022	% CHG	ADV DEC 2022	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Equity Index Futures								
BITCOIN	9,917	9,444.25	5.0%	7,448.33	33.1%	9,917	9,444	5.0%
E-mini FTSE China 50	2	6.55	-66.4%	2.62	-16.0%	2	7	-66.4%
E-MINI MIDCAP	11,345	19,191.45	-40.9%	16,354.86	-30.6%	11,345	19,191	-40.9%
E-MINI NASDAQ 100	617,168	818,812.4	-24.6%	663,153.29	-6.9%	617,168	818,812	-24.6%
E-MINI RUSSELL 1000	671	172.2	289.4%	725.9	-7.6%	671	172	289.4%
E-MINI RUSSELL 1000 GROWTH	93	364.05	-74.4%	496.9	-81.2%	93	364	-74.4%
E-MINI RUSSELL 1000 VALUE	371	618.2	-39.9%	2,958.9	-87.4%	371	618	-39.9%
E-MINI RUSSELL 2000	188,615	296,181.7	-36.3%	239,790	-21.3%	188,615	296,182	-36.3%
E-MINI S&P500	1,703,857	2,097,142.95	-18.8%	2,011,590.33	-15.3%	1,703,857	2,097,143	-18.8%
E-MINI S&P500 ESG	732	2,201.95	-66.8%	2,601.71	-71.9%	732	2,202	-66.8%
ETHER	0	0	-	0	-	0	0	-
ETHER FUTURES	5,415	6,009.75	-9.9%	3,706.95	46.1%	5,415	6,010	-9.9%
FT-SE 100	0	7.7	-100.0%	0	-	0	8	-100.0%
IBOVESPA INDEX	1	1.85	-43.2%	3	-65.0%	1	2	-43.2%
MICRO BITCOIN	7,181	20,910.6	-65.7%	5,558.76	29.2%	7,181	20,911	-65.7%
MICRO E-MINI NASDAQ 100	1,153,354	1,773,104.75	-35.0%	1,096,418.33	5.2%	1,153,354	1,773,105	-35.0%
MICRO E-MINI RUSSELL 2000	84,980	233,529.25	-63.6%	82,744.81	2.7%	84,980	233,529	-63.6%
MICRO E-MINI S&P500	1,318,382	1,462,836.8	-9.9%	1,241,675.9	6.2%	1,318,382	1,462,837	-9.9%
MICRO ETHER	10,609	21,597.9	-50.9%	9,031.1	17.5%	10,609	21,598	-50.9%
NASDAQ-100 VOLATILITY	134	360.6	-62.9%	38.43	248.2%	134	361	-62.9%
NASDAQ BIOTECH SECTOR	10	7.35	38.8%	28.33	-64.0%	10	7	38.8%
Nearby BTIC+	0	2.5	-100.0%	0	-	0	3	-100.0%
NIKKEI 225 (\$) STOCK	4,697	7,517.5	-37.5%	6,278.86	-25.2%	4,697	7,518	-37.5%
NIKKEI 225 (YEN) STOCK	27,953	42,523.05	-34.3%	32,615.81	-14.3%	27,953	42,523	-34.3%
PHLX SEMICONDUCTOR SECTO	8	0	-	9.62	-19.4%	8	0	-
S&P 500	3,643	5,093.35	-28.5%	4,348.24	-16.2%	3,643	5,093	-28.5%
S&P 500 ANNUAL DIVIDEND IND	3,390	3,511.25	-3.5%	3,293.81	2.9%	3,390	3,511	-3.5%
S&P 500 QUARLY DIVIDEND IND	717	295.55	142.6%	405.38	76.8%	717	296	142.6%
S&P BIOTECHNOLOGY SECTOR	16	0	-	69.76	-76.6%	16	0	-
S&P COMMUNICATION SERVICE	79	126.2	-37.7%	304.76	-74.2%	79	126	-37.7%
S&P CONSUMER DISCRETIONAR	246	694.3	-64.5%	544.62	-54.8%	246	694	-64.5%
S&P CONSUMER STAPLES SECT	1,447	1,197.95	20.7%	2,744.33	-47.3%	1,447	1,198	20.7%
S&P ENERGY SECTOR	1,103	1,979.3	-44.3%	4,854.14	-77.3%	1,103	1,979	-44.3%
S&P FINANCIAL SECTOR	665	1,354.1	-50.9%	3,789.48	-82.5%	665	1,354	-50.9%
S&P HEALTH CARE SECTOR	411	957.25	-57.1%	1,753.48	-76.6%	411	957	-57.1%
S&P INDUSTRIAL SECTOR	923	1,573.25	-41.3%	2,799.33	-67.0%	923	1,573	-41.3%
S&P MATERIALS SECTOR	259	784.65	-67.0%	980.24	-73.6%	259	785	-67.0%
S&P OIL & GAS EXPLORATION A	7	0	-	16.19	-57.7%	7	0	-
S&P REAL ESTATE SECTOR	530	450.9	17.5%	1,336.14	-60.4%	530	451	17.5%
S&P REGIONAL BANKS SECTOR	10	0	-	15.9	-36.5%	10	0	-
S&P RETAIL SECTOR	6	0	-	20.14	-68.0%	6	0	-
S&P TECHNOLOGY SECTOR	520	1,914.1	-72.9%	1,743.19	-70.2%	520	1,914	-72.9%
S&P UTILITIES SECTOR	1,163	1,374.15	-15.4%	3,080.19	-62.2%	1,163	1,374	-15.4%
TOPIX (USD)	0	0	-	2.57	-100.0%	0	0	-
TOPIX (YEN)	12	196.9	-94.1%	13.43	-12.9%	12	197	-94.1%
WATER INDEX FUTURES	2	9.2	-79.9%	0.29	547.5%	2	9	-79.9%

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Equity Index Options								
BITCOIN OPTIONS	423	115.05	267.3%	128	230.2%	423	115	267.3%
E-MINI NASDAQ 100	42,702	45,027.9	-5.2%	37,628.33	13.5%	42,702	45,028	-5.2%
E-mini Russell 2000	3,824	8,047.5	-52.5%	3,402.1	12.4%	3,824	8,048	-52.5%
E-MINI RUSSELL 2000	961	1,763.6	-45.5%	1,715.05	-43.9%	961	1,764	-45.5%
E-mini S&P 500	564,419	768,557.35	-26.6%	444,060.62	27.1%	564,419	768,557	-26.6%
E-MINI S&P500	583,744	507,976.3	14.9%	673,780.14	-13.4%	583,744	507,976	14.9%
ETHER OPTIONS	44	0	-	15.38	183.1%	44	0	-
MICRO BITCOIN	664	0	-	51.1	1199.5%	664	0	-
Micro E-mini Nasdaq-100	2,357	3,494.2	-32.5%	1,473.76	60.0%	2,357	3,494	-32.5%
MICRO E-MINI NASDAQ 100	338	522.35	-35.3%	687.9	-50.9%	338	522	-35.3%
Micro E-mini S&P 500	14,065	15,132.85	-7.1%	11,963.19	17.6%	14,065	15,133	-7.1%
MICRO ETHER	156	0	-	52.05	200.6%	156	0	-
FX Futures								
AD/CD CROSS RATES	2	0.6	225.0%	6.62	-70.5%	2	1	225.0%
AD/JY CROSS RATES	61	124.9	-50.8%	126.62	-51.5%	61	125	-50.8%
AD/NE CROSS RATES	131	10.05	1207.0%	376.48	-65.1%	131	10	1207.0%
AUSTRALIAN DOLLAR	86,048	88,322	-2.6%	97,167.38	-11.4%	86,048	88,322	-2.6%
BP/JY CROSS RATES	152	133.4	13.8%	413.81	-63.3%	152	133	13.8%
BP/SF CROSS RATES	146	156.45	-6.6%	198.86	-26.5%	146	156	-6.6%
BRAZIL REAL	15,008	16,787.95	-10.6%	12,739.86	17.8%	15,008	16,788	-10.6%
BRITISH POUND	85,993	97,065.75	-11.4%	114,803	-25.1%	85,993	97,066	-11.4%
CANADIAN DOLLAR	70,122	77,906.45	-10.0%	90,453.19	-22.5%	70,122	77,906	-10.0%
CD/JY CROSS RATES	0	23.05	-99.3%	3.86	-96.1%	0	23	-99.3%
CHINESE RENMINBI (CNH)	1,067	748	42.7%	1,916.14	-44.3%	1,067	748	42.7%
CZECK KORUNA (EC)	0	0.15	-33.3%	0	-	0	0	-33.3%
CZECK KORUNA (US)	8	0.05	15500.0%	8.71	-10.5%	8	0	15500.0%
EC/AD CROSS RATES	99	158.5	-37.6%	407.14	-75.7%	99	159	-37.6%
EC/CD CROSS RATES	174	245	-29.1%	860	-79.8%	174	245	-29.1%
EC/NOK CROSS RATES	66	35.7	84.7%	86.29	-23.6%	66	36	84.7%
EC/SEK CROSS RATES	111	60.1	84.1%	351.76	-68.5%	111	60	84.1%
EFX/BP CROSS RATES	1,534	2,136.05	-28.2%	6,664.81	-77.0%	1,534	2,136	-28.2%
EFX/JY CROSS RATES	1,371	1,890.05	-27.5%	3,892.95	-64.8%	1,371	1,890	-27.5%
EFX/SF CROSS RATES	731	1,198.9	-39.1%	2,072.81	-64.8%	731	1,199	-39.1%
E-MICRO USD/CAD	14	13.7	0.0%	7.57	80.9%	14	14	0.0%
E-MICRO USD/CHF	12	0.7	1621.4%	5.14	134.3%	12	1	1621.4%
E-MICRO USD/JPY	92	101.8	-10.0%	87.9	4.3%	92	102	-10.0%
E-MINI EURO FX	7,485	5,731.15	30.6%	9,641.29	-22.4%	7,485	5,731	30.6%
E-MINI JAPANESE YEN	635	270.4	135.0%	595.62	6.7%	635	270	135.0%
EURO FX	197,228	171,557.75	15.0%	292,149.95	-32.5%	197,228	171,558	15.0%
HUNGARIAN FORINT (EC)	0	0.3	-83.3%	0.19	-73.8%	0	0	-83.3%
HUNGARIAN FORINT (US)	0	1.15	-60.9%	0.33	35.0%	0	1	-60.9%
INDIAN RUPEE	2,418	757.75	219.1%	1,459.38	65.7%	2,418	758	219.1%
JAPANESE YEN	148,157	108,612.45	36.4%	168,744.81	-12.2%	148,157	108,612	36.4%
KOREAN WON	11	58.45	-81.1%	9.24	19.6%	11	58	-81.1%
MEXICAN PESO	43,287	41,636.7	4.0%	85,905.76	-49.6%	43,287	41,637	4.0%
MICRO AUD/USD	15,304	11,984.8	27.7%	12,757.81	20.0%	15,304	11,985	27.7%

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FX Futures								
MICRO CAD/USD	3,257	3,525.3	-7.6%	3,132.76	4.0%	3,257	3,525	-7.6%
MICRO CHF/USD	998	532.25	87.5%	829.52	20.3%	998	532	87.5%
MICRO EUR/USD	38,602	33,144.45	16.5%	39,900.62	-3.3%	38,602	33,144	16.5%
MICRO GBP/USD	3,894	4,311.45	-9.7%	4,801.52	-18.9%	3,894	4,311	-9.7%
MICRO INR/USD	37	47.85	-22.5%	35.57	4.3%	37	48	-22.5%
MICRO JPY/USD	0	2,488.5	-100.0%	0	-	0	2,489	-100.0%
MICRO USD/CNH	0	0	-	0	-	0	0	-
NEW ZEALND DOLLAR	25,380	24,598.8	3.2%	31,542.57	-19.5%	25,380	24,599	3.2%
NKR/USD CROSS RATE	128	153.85	-16.9%	166.57	-23.3%	128	154	-16.9%
POLISH ZLOTY (EC)	1	2	-50.0%	11.19	-91.1%	1	2	-50.0%
POLISH ZLOTY (US)	44	40.1	10.3%	98.57	-55.1%	44	40	10.3%
RMB USD	0	0.05	400.0%	0.05	425.2%	0	0	400.0%
RUSSIAN RUBLE	0	12,485	-100.0%	0	-	0	12,485	-100.0%
S.AFRICAN RAND	2,690	3,679.75	-26.9%	4,354.29	-38.2%	2,690	3,680	-26.9%
SF/JY CROSS RATES	14	3.6	286.1%	103.33	-86.5%	14	4	286.1%
SHEKEL	1	0.6	0.0%	1.95	-69.3%	1	1	0.0%
SKR/USD CROSS RATES	212	316.85	-33.0%	663.67	-68.0%	212	317	-33.0%
SWISS FRANC	19,557	21,643.45	-9.6%	21,923.19	-10.8%	19,557	21,643	-9.6%
TURKISH LIRA	0	0.1	-100.0%	3	-100.0%	0	0	-100.0%
USDZAR	0	0.25	-100.0%	0	-	0	0	-100.0%
FX Options								
AUD/USD MONDAY OPTION WEE	1	34.3	-96.2%	2.52	-48.5%	1	34	-96.2%
AUD/USD MONDAY OPTION WEE	21	5.7	268.4%	4.33	384.6%	21	6	268.4%
AUD/USD MONDAY OPTION WEE	0	0	-	8.29	-100.0%	0	0	-
AUD/USD MONDAY OPTION WEE	38	13.4	184.7%	0.43	8803.2%	38	13	184.7%
AUD/USD MONDAY OPTION WEE	16	38.95	-59.6%	0.05	32988.2%	16	39	-59.6%
AUD/USD MONTHLY OPTIONS	1,683	8,469.8	-80.1%	1,974.33	-14.7%	1,683	8,470	-80.1%
AUD/USD WKLY FRIDAY OPTION	0	0	-	5.43	-100.0%	0	0	-
AUD/USD WKLY FRIDAY OPTION	56	93.25	-40.3%	47.9	16.3%	56	93	-40.3%
AUD/USD WKLY FRIDAY OPTION	139	139.5	-0.1%	48.52	187.3%	139	140	-0.1%
AUD/USD WKLY FRIDAY OPTION	117	155.1	-24.8%	53.05	119.9%	117	155	-24.8%
AUD/USD WKLY FRIDAY OPTION	0	0	-	28.76	-100.0%	0	0	-
AUD/USD WKLY WED OPTIONS -	8	13.35	-42.7%	4.86	57.5%	8	13	-42.7%
AUD/USD WKLY WED OPTIONS -	13	36.4	-65.7%	13.33	-6.3%	13	36	-65.7%
AUD/USD WKLY WED OPTIONS -	9	7.7	18.8%	29.57	-69.1%	9	8	18.8%
AUD/USD WKLY WED OPTIONS -	33	42.05	-21.2%	6.29	427.4%	33	42	-21.2%
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-	0	0	-
BRL/USD MONTHLY OPTIONS	0	49.6	-99.6%	2	-90.0%	0	50	-99.6%
CAD/USD MONDAY OPTIONS WE	6	2.45	155.1%	9.86	-36.6%	6	2	155.1%
CAD/USD MONDAY OPTIONS WE	42	52.55	-19.2%	56.57	-25.0%	42	53	-19.2%
CAD/USD MONDAY OPTIONS WE	0	0	-	9.57	-100.0%	0	0	-
CAD/USD MONDAY OPTIONS WE	51	55.45	-8.7%	0.43	11708.6%	51	55	-8.7%
CAD/USD MONDAY OPTIONS WE	12	62.8	-80.3%	35.52	-65.2%	12	63	-80.3%
CAD/USD MONTHLY OPTIONS	3,731	4,707	-20.7%	2,919.76	27.8%	3,731	4,707	-20.7%
CAD/USD WKLY FRIDAY OPTION	0	0	-	7.95	-100.0%	0	0	-
CAD/USD WKLY FRIDAY OPTION	182	480.25	-62.1%	56.14	224.6%	182	480	-62.1%
CAD/USD WKLY FRIDAY OPTION	122	304.25	-59.9%	128.57	-5.2%	122	304	-59.9%

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FX Options								
CAD/USD WKLY FRIDAY OPTION	180	290.3	-38.1%	125.71	42.9%	180	290	-38.1%
CAD/USD WKLY FRIDAY OPTION	0	0	-	125.1	-100.0%	0	0	-
CAD/USD WKLY WED OPTIONS -	71	28.35	150.1%	23.86	197.2%	71	28	150.1%
CAD/USD WKLY WED OPTIONS -	36	90.65	-60.3%	10.38	246.8%	36	91	-60.3%
CAD/USD WKLY WED OPTIONS -	33	61.35	-45.5%	36.48	-8.3%	33	61	-45.5%
CAD/USD WKLY WED OPTIONS -	114	96.1	18.8%	18.81	506.9%	114	96	18.8%
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-	0	0	-
CHF/USD MONTHLY OPTIONS	311	558.4	-44.3%	194.24	60.2%	311	558	-44.3%
CHF/USD WKLY FRIDAY OPTION	0	0	-	0.24	-100.0%	0	0	-
CHF/USD WKLY FRIDAY OPTION	5	14.8	-64.2%	8.19	-35.3%	5	15	-64.2%
CHF/USD WKLY FRIDAY OPTION	10	15	-36.3%	2.71	251.8%	10	15	-36.3%
CHF/USD WKLY FRIDAY OPTION	32	14.85	114.5%	2.81	1033.6%	32	15	114.5%
CHF/USD WKLY FRIDAY OPTION	0	0	-	0.38	-100.0%	0	0	-
EUR/GBP MONTHLY OPTIONS	0	0.2	-100.0%	4.76	-100.0%	0	0	-100.0%
EURODOLLARS	173	0	-	325.86	-47.0%	173	0	-
EUR/USD MONDAY OPTION WEE	50	22.85	118.8%	19.57	155.5%	50	23	118.8%
EUR/USD MONDAY OPTION WEE	119	115.95	3.0%	135.57	-11.9%	119	116	3.0%
EUR/USD MONDAY OPTION WEE	0	0	-	152.67	-100.0%	0	0	-
EUR/USD MONDAY OPTION WEE	57	41.35	38.1%	41.52	37.5%	57	41	38.1%
EUR/USD MONDAY OPTION WEE	48	142.8	-66.6%	34.29	39.3%	48	143	-66.6%
EUR/USD MONTHLY OPTIONS	10,093	10,191.85	-1.0%	14,101.43	-28.4%	10,093	10,192	-1.0%
EUR/USD WKLY FRIDAY OPTION	0	0	-	39.57	-100.0%	0	0	-
EUR/USD WKLY FRIDAY OPTION	1,144	1,348.9	-15.2%	807.95	41.6%	1,144	1,349	-15.2%
EUR/USD WKLY FRIDAY OPTION	1,008	874.25	15.3%	1,232.29	-18.2%	1,008	874	15.3%
EUR/USD WKLY FRIDAY OPTION	557	953.3	-41.6%	447.95	24.4%	557	953	-41.6%
EUR/USD WKLY FRIDAY OPTION	0	0	-	363.9	-100.0%	0	0	-
EUR/USD WKLY WED OPTIONS -	145	290.15	-50.0%	204.29	-29.0%	145	290	-50.0%
EUR/USD WKLY WED OPTIONS -	254	223.3	13.6%	219.9	15.4%	254	223	13.6%
EUR/USD WKLY WED OPTIONS -	172	238.9	-28.2%	220.19	-22.1%	172	239	-28.2%
EUR/USD WKLY WED OPTIONS -	176	247.65	-29.0%	138.62	26.9%	176	248	-29.0%
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-	0	0	-
GBP/USD MONDAY OPTION WEE	49	9.45	418.0%	33.48	46.2%	49	9	418.0%
GBP/USD MONDAY OPTION WEE	88	55.2	59.2%	35.9	144.8%	88	55	59.2%
GBP/USD MONDAY OPTION WEE	0	0	-	47.48	-100.0%	0	0	-
GBP/USD MONDAY OPTION WEE	12	14.3	-17.1%	24.24	-51.1%	12	14	-17.1%
GBP/USD MONDAY OPTION WEE	20	18.05	10.8%	19.9	0.5%	20	18	10.8%
GBP/USD MONTHLY OPTIONS	3,317	3,214.65	3.2%	2,996.95	10.7%	3,317	3,215	3.2%
GBP/USD WKLY FRIDAY OPTION	0	0	-	30.14	-100.0%	0	0	-
GBP/USD WKLY FRIDAY OPTION	164	136.35	20.5%	85.38	92.4%	164	136	20.5%
GBP/USD WKLY FRIDAY OPTION	89	177.7	-49.8%	170.14	-47.5%	89	178	-49.8%
GBP/USD WKLY FRIDAY OPTION	78	163.2	-52.5%	134.57	-42.3%	78	163	-52.5%
GBP/USD WKLY FRIDAY OPTION	0	0	-	150.86	-100.0%	0	0	-
GBP/USD WKLY WED OPTIONS -	25	77.2	-68.2%	91.76	-73.2%	25	77	-68.2%
GBP/USD WKLY WED OPTIONS -	109	43.2	151.4%	50.19	116.4%	109	43	151.4%
GBP/USD WKLY WED OPTIONS -	56	141.3	-60.2%	56.81	-0.9%	56	141	-60.2%
GBP/USD WKLY WED OPTIONS -	24	132.65	-81.8%	88.24	-72.6%	24	133	-81.8%
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-	0	0	-
JPY/USD MONDAY OPTION WEE	8	7.65	9.2%	15.67	-46.7%	8	8	9.2%
JPY/USD MONDAY OPTION WEE	45	86.85	-47.7%	7.67	492.2%	45	87	-47.7%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

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	ADV JAN 2023	ADV JAN 2022	% CHG	ADV DEC 2022	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
FX Options								
JPY/USD MONDAY OPTION WEE	0	0	-	8.33	-100.0%	0	0	-
JPY/USD MONDAY OPTION WEE	67	23.3	189.5%	2.71	2385.0%	67	23	189.5%
JPY/USD MONDAY OPTION WEE	52	2.55	1952.9%	0.76	6771.0%	52	3	1952.9%
JPY/USD MONTHLY OPTIONS	5,602	6,996.95	-19.9%	3,497.57	60.2%	5,602	6,997	-19.9%
JPY/USD WKLY FRIDAY OPTION	0	0	-	39.57	-100.0%	0	0	-
JPY/USD WKLY FRIDAY OPTION	322	577.05	-44.2%	118.95	170.9%	322	577	-44.2%
JPY/USD WKLY FRIDAY OPTION	530	580.95	-8.8%	430.1	23.2%	530	581	-8.8%
JPY/USD WKLY FRIDAY OPTION	333	450.5	-26.0%	292.48	13.9%	333	451	-26.0%
JPY/USD WKLY FRIDAY OPTION	0	0	-	122	-100.0%	0	0	-
JPY/USD WKLY WED OPTIONS -	136	116.1	17.1%	372.57	-63.5%	136	116	17.1%
JPY/USD WKLY WED OPTIONS -	168	205.6	-18.2%	243.48	-31.0%	168	206	-18.2%
JPY/USD WKLY WED OPTIONS -	212	107.45	97.1%	193.57	9.4%	212	107	97.1%
JPY/USD WKLY WED OPTIONS -	229	120.8	89.9%	97.33	135.7%	229	121	89.9%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-	0	0	-
MXN/USD MONTHLY OPTIONS	10	88.3	-88.4%	4.33	135.4%	10	88	-88.4%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
NZD/USD MONTHLY OPTIONS	1,425	2	71147.5%	333.52	327.2%	1,425	2	71147.5%
ZAR/USD MONTHLY OPTIONS	17	0	-	2.38	614.0%	17	0	-

Foreign Exchange Futures

CHILEAN PESO	0	0	-	0	-	0	0	-
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Foreign Exchange Options

AUD/USD WKLY WED OPTIONS -	24	11.9	101.3%	0.38	6186.1%	24	12	101.3%
OTC AUDUSD SUB	47	0	-	33.9	37.7%	47	0	-
OTC EURUSD SUB	51	0	-	46.38	10.6%	51	0	-
OTC GBPUSD SUB	82	0	-	37.05	120.5%	82	0	-
OTC USDCAD SUB	28	0	-	1.14	2306.6%	28	0	-
OTC USDJPY SUB	43	0	-	7.38	480.6%	43	0	-

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	ADV JAN 2023	ADV JAN 2022	% CHG	ADV DEC 2022	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Ag Products Futures								
BLOCK CHEESE	9	50.25	-83.0%	11.33	-24.6%	9	50	-83.0%
BUTTER CS	167	366.6	-54.5%	182.05	-8.4%	167	367	-54.5%
CASH-SETTLED CHEESE	581	673.5	-13.8%	612.14	-5.1%	581	674	-13.8%
CATTLE	71,841	71,042.7	1.1%	42,654.95	68.4%	71,841	71,043	1.1%
CDD SEASONAL STRIP	0	0	-	0	-	0	0	-
CDD WEATHER	0	0	-	0	-	0	0	-
CLASS IV MILK	52	226.35	-77.2%	71.29	-27.5%	52	226	-77.2%
DRY WHEY	47	54.6	-14.7%	84.71	-45.1%	47	55	-14.7%
FEEDER CATTLE	13,618	12,025.2	13.2%	12,097.86	12.6%	13,618	12,025	13.2%
GOLDMAN SACHS	134	171.85	-21.9%	128.62	4.3%	134	172	-21.9%
GSCI EXCESS RETURN FUT	41	160.9	-74.3%	4,774.29	-99.1%	41	161	-74.3%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	43	195	-78.2%	833.33	-94.9%	43	195	-78.2%
HDD WEATHER EUROPEAN	375	87.5	328.6%	52.38	615.9%	375	88	328.6%
HOGS	50,795	55,759.4	-8.9%	38,201.05	33.0%	50,795	55,759	-8.9%
HOUSING INDEX	1	0.85	-29.4%	0.57	5.0%	1	1	-29.4%
LUMBER	624	416.7	49.8%	624.52	0.0%	624	417	49.8%
MALAYSIAN PALM SWAP	0	0	-	0	-	0	0	-
MILK	1,382	1,743.3	-20.7%	1,328.71	4.0%	1,382	1,743	-20.7%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	340	404.4	-15.8%	202.05	68.5%	340	404	-15.8%
OTC SP GSCI ER SWAP	25	0	-	0	-	25	0	-
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	0	-
PORK CUTOOT	52	121.75	-57.0%	60.71	-13.8%	52	122	-57.0%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	0	0	-
USD CRUDE PALM OIL	1,353	983	37.7%	752.48	79.9%	1,353	983	37.7%

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	ADV JAN 2023	ADV JAN 2022	% CHG	ADV DEC 2022	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Ag Products Options								
BLOCK CHEESE	1	15	-91.0%	5.9	-77.1%	1	15	-91.0%
BUTTER CS	73	131.1	-44.0%	104.81	-29.9%	73	131	-44.0%
CASH-SETTLED CHEESE	281	689.6	-59.3%	181.05	55.0%	281	690	-59.3%
CATTLE	10,515	8,725.85	20.5%	11,471.24	-8.3%	10,515	8,726	20.5%
CDD SEASONAL STRIP	0	0	-	0	-	0	0	-
CDD WEATHER	0	0	-	0	-	0	0	-
CLASS IV MILK	368	372.55	-1.2%	237.52	55.0%	368	373	-1.2%
DRY WHEY	1	0	-	2.38	-51.7%	1	0	-
FEEDER CATTLE	2,525	1,430.35	76.5%	1,351.29	86.8%	2,525	1,430	76.5%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	910	90	911.1%	285.71	218.5%	910	90	911.1%
HDD WEATHER EUROPEAN	500	0	-	0	-	500	0	-
HOGS	13,140	11,279.5	16.5%	10,462.57	25.6%	13,140	11,280	16.5%
LUMBER	17	37.75	-56.0%	5.14	222.8%	17	38	-56.0%
LV CATL CSO	1	0	-	0	-	1	0	-
MILK	1,151	1,106.6	4.0%	1,006.48	14.4%	1,151	1,107	4.0%
MLK MID OPTIONS	0	0.1	50.0%	0.05	215.1%	0	0	50.0%
NFD MILK	253	297	-14.7%	133.71	89.4%	253	297	-14.7%
PORK CUTOOT	0	0	-	0	-	0	0	-
TOTAL FUTURES GROUP								
Interest Rate Futures	3,031,699	3,397,076.8	-10.8%	2,426,113.95	25.0%	3,031,699	3,397,077	-10.8%
Equity Index Futures	5,160,642	6,834,057.7	-24.5%	5,455,348.38	-5.4%	5,160,642	6,834,058	-24.5%
FX Futures	772,282	734,704.4	5.1%	1,011,483.67	-23.6%	772,282	734,704	5.1%
Foreign Exchange Futures	0	0	-	0	-	0	0	-
Ag Products Futures	141,480	144,483.85	-2.1%	102,673.05	37.8%	141,480	144,484	-2.1%
TOTAL FUTURES	9,106,104	11,110,322.75	-18.0%	8,995,619.05	1.2%	9,106,104.15	11,110,322.75	-18.0%
TOTAL OPTIONS GROUP								
Interest Rate Options	1,992,343	1,538,558.7	29.5%	1,233,246.9	61.6%	1,992,343	1,538,559	29.5%
Equity Index Options	1,213,697	1,350,637.1	-10.1%	1,174,957.62	3.3%	1,213,697	1,350,637	-10.1%
FX Options	34,257	44,174.4	-22.5%	34,292.33	-0.1%	34,257	44,174	-22.5%
Foreign Exchange Options	274	11.9	2202.5%	126.24	117.1%	274	12	2202.5%
Ag Products Options	29,737	24,175.4	23.0%	25,247.86	17.8%	29,737	24,175	23.0%
TOTAL OPTIONS	3,270,308	2,957,557.5	10.6%	2,467,870.95	32.5%	3,270,307.55	2,957,557.5	10.6%
TOTAL COMBINED								
Interest Rate	5,024,042	4,935,635.5	1.8%	3,659,360.86	37.3%	5,024,042	4,935,636	1.8%
Equity Index	6,374,339	8,184,694.8	-22.1%	6,630,306	-3.9%	6,374,339	8,184,695	-22.1%
FX	806,539	778,878.8	3.6%	1,045,776	-22.9%	806,539	778,879	3.6%
Foreign Exchange	274	11.9	2203.8%	126.24	117.2%	274	12	2203.8%
Ag Products	171,217	168,659.25	1.5%	127,920.91	33.8%	171,217	168,659	1.5%
GRAND TOTAL	12,376,412	14,067,880.25	-12.0%	11,463,490	8.0%	12,376,411.7	14,067,880.25	-12.0%