

**CME Exchange ADV Report - Monthly**

June 2023

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	ADV JUN 2023	ADV JUN 2022	% CHG	ADV MAY 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
<b>Interest Rate Futures</b>								
1-MONTH EURODOLLAR	0	2.24	-100.0%	0	-	8	542	-98.5%
BSBY 3-MONTH FUTURES	111	553.57	-79.9%	147.05	-24.4%	240	3,506	-93.2%
ESTR Basis Spread Futures	153	0	-	8.09	1795.7%	65	0	-
ESTR Futures	6,430	0	-	2,011.23	219.7%	2,520	0	-
EURODOLLARS	10,758	1,681,722.05	-99.4%	23,672.23	-54.6%	228,386	2,183,237	-89.5%
FTIIE	16	5.81	174.6%	3.64	338.7%	12	5	137.9%
SOFR	3,290,823	1,985,507.76	65.7%	3,357,739.91	-2.0%	3,499,272	1,414,487	147.4%
SONIA	1	9.05	-91.6%	0.45	67.6%	11	10	8.1%
<b>Interest Rate Options</b>								
EURODOLLARS	19,962	643,869.57	-96.9%	26,930.55	-25.9%	77,157	721,261	-89.3%
EURO MIDCURVE	0	256,484.62	-100.0%	0	-	4,821	449,475	-98.9%
SOFR	1,262,424	330,728.81	281.7%	1,607,872.55	-21.5%	1,694,957	99,464	1604.1%
SOFR MIDCURVE	262,590	81,050.14	224.0%	192,819.86	36.2%	326,939	31,422	940.5%
SOFR MISCURVE	0	0	-	0	-	6	0	-

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<b>Equity Index Futures</b>								
BITCOIN	12,587	12,737.86	-1.2%	9,790.14	28.6%	10,899	9,806	11.2%
E-mini FTSE China 50	0	27.48	-100.0%	0	-	0	54	-99.3%
E-MINI MIDCAP	16,824	21,552.62	-21.9%	11,841.27	42.1%	13,981	17,366	-19.5%
E-MINI NASDAQ 100	701,376	739,755	-5.2%	652,330.27	7.5%	672,039	722,949	-7.0%
E-MINI RUSSELL 1000	1,002	1,658.24	-39.5%	90.05	1013.3%	483	781	-38.1%
E-MINI RUSSELL 1000 GROWTH	530	742.67	-28.7%	167.41	216.4%	289	476	-39.4%
E-MINI RUSSELL 1000 VALUE	2,279	3,291.52	-30.8%	306.91	642.6%	920	1,400	-34.2%
E-MINI RUSSELL 2000	288,412	294,098.38	-1.9%	210,352.86	37.1%	230,785	257,013	-10.2%
E-MINI S&P500	2,082,167	2,288,107.24	-9.0%	1,622,853.18	28.3%	1,895,200	1,972,516	-3.9%
E-MINI S&P500 ESG	2,146	2,475.62	-13.3%	533.32	302.5%	1,187	1,682	-29.4%
ETHER	0	0	-	0	-	0	0	-
ETHER FUTURES	4,628	8,988	-48.5%	3,987.5	16.1%	5,301	5,881	-9.9%
FT-SE 100	0	0.1	-100.0%	8.18	-100.0%	3	9	-68.8%
IBOVESPA INDEX	2	2.86	-40.0%	3.36	-49.0%	2	3	-39.5%
MICRO BITCOIN	11,694	14,435.29	-19.0%	9,582.77	22.0%	10,611	18,596	-42.9%
MICRO E-MINI NASDAQ 100	1,017,094	1,565,105.05	-35.0%	915,491.18	11.1%	1,053,854	1,577,025	-33.2%
MICRO E-MINI RUSSELL 2000	84,943	131,164	-35.2%	80,506.41	5.5%	83,404	158,209	-47.3%
MICRO E-MINI S&P500	943,442	1,409,669.38	-33.1%	931,987.77	1.2%	1,110,136	1,377,370	-19.4%
MICRO ETHER	7,957	18,190.19	-56.3%	7,662.91	3.8%	9,882	20,194	-51.1%
NASDAQ-100 VOLATILITY	0	36.1	-100.0%	0.05	-100.0%	26	143	-81.9%
NASDAQ BIOTECH SECTOR	3	27.29	-88.1%	0	-	9	10	-8.6%
Nearby BTIC+	0	156.57	-100.0%	0	-	0	47	-100.0%
NIKKEI 225 (\$) STOCK	11,890	6,978.57	70.4%	6,203.95	91.6%	6,126	6,289	-2.6%
NIKKEI 225 (YEN) STOCK	45,198	44,954.9	0.5%	30,464.77	48.4%	30,722	41,226	-25.5%
PHLX SEMICONDUCTOR SECTO	44	0	-	24.5	77.8%	24	0	-
S&P 500	9,631	5,569.33	72.9%	2,875.36	235.0%	5,357	3,970	34.9%
S&P 500 ANNUAL DIVIDEND IND	3,102	3,189.62	-2.8%	2,886.82	7.4%	3,485	4,415	-21.1%
S&P 500 QUARLY DIVIDEND IND	555	111.14	399.1%	661.32	-16.1%	816	194	321.7%
S&P BIOTECHNOLOGY SECTOR	30	0	-	58.18	-49.1%	62	0	-
S&P COMMUNICATION SERVICE	626	362	72.8%	365.95	71.0%	314	210	49.6%
S&P CONSUMER DISCRETIONAR	1,164	1,353.48	-14.0%	381.36	205.1%	566	744	-24.0%
S&P CONSUMER STAPLES SECT	2,425	2,277.86	6.5%	1,125.09	115.6%	1,636	1,428	14.6%
S&P ENERGY SECTOR	4,561	6,462.05	-29.4%	1,549.14	194.4%	2,444	3,556	-31.3%
S&P FINANCIAL SECTOR	4,106	3,076.9	33.4%	1,395.32	194.2%	2,670	2,099	27.2%
S&P HEALTH CARE SECTOR	1,931	2,764.43	-30.1%	824.59	134.2%	1,285	1,508	-14.8%
S&P INDUSTRIAL SECTOR	1,965	2,824.43	-30.4%	447.77	338.8%	1,213	1,583	-23.4%
S&P MATERIALS SECTOR	2,735	1,292.71	111.6%	341.91	699.9%	856	833	2.7%
S&P OIL & GAS EXPLORATION A	7	0	-	5.23	31.2%	10	0	-
S&P REAL ESTATE SECTOR	928	526.57	76.2%	120.32	671.2%	555	370	50.2%
S&P REGIONAL BANKS SECTOR	130	0	-	77.23	68.8%	69	0	-
S&P RETAIL SECTOR	94	0	-	6.55	1339.0%	29	0	-
S&P TECHNOLOGY SECTOR	1,465	1,425.19	2.8%	649.14	125.7%	959	1,255	-23.6%
S&P UTILITIES SECTOR	3,869	3,036.95	27.4%	1,130.36	242.3%	2,299	1,905	20.6%
TOPIX (USD)	19	0	-	1.36	1307.3%	5	0	-
TOPIX (YEN)	13	13.48	-1.8%	6.77	95.5%	11	125	-90.9%
WATER INDEX FUTURES	1	0.48	40.0%	0.86	-22.8%	1	4	-79.0%

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<b>Equity Index Options</b>								
BITCOIN OPTIONS	204	186.1	9.7%	213	-4.1%	348	125	177.9%
E-MINI NASDAQ 100	82,033	56,161.48	46.1%	63,790.18	28.6%	59,067	49,220	20.0%
E-MINI RUSSELL 2000	8,418	5,804.81	45.0%	9,366.68	-10.1%	7,493	7,412	1.1%
E-MINI S&P500	1,242,544	1,107,328.76	12.2%	1,184,807.55	4.9%	1,206,257	1,123,592	7.4%
ETHER OPTIONS	67	0	-	116.32	-42.8%	70	0	-
EVENT CONTRACT S&P 500	195	0	-	463.91	-58.0%	232	0	-
MICRO BITCOIN	701	704.86	-0.6%	355	97.4%	509	218	133.3%
MICRO E-MINI NASDAQ 100	2,769	2,294.48	20.7%	2,586.36	7.0%	2,638	3,020	-12.6%
Micro E-mini S&P 500	9,872	11,443.05	-13.7%	10,025.82	-1.5%	11,701	12,026	-2.7%
MICRO ETHER	1,168	514.9	126.7%	1,938.32	-39.8%	899	460	95.5%
<b>FX Futures</b>								
AD/CD CROSS RATES	1	5.24	-88.2%	0.05	1260.4%	1	3	-60.3%
AD/JY CROSS RATES	112	206.38	-45.9%	39.23	184.7%	88	262	-66.3%
AD/NE CROSS RATES	227	744.33	-69.5%	163.14	39.3%	157	218	-27.8%
AUSTRALIAN DOLLAR	117,785	117,816.19	0.0%	83,130.36	41.7%	96,346	99,652	-3.3%
BP/JY CROSS RATES	332	391.9	-15.4%	38.86	753.0%	182	240	-23.9%
BP/SF CROSS RATES	437	180.38	142.2%	82.32	430.8%	200	118	69.6%
BRAZIL REAL	11,822	15,574.57	-24.1%	11,198.82	5.6%	13,168	16,831	-21.8%
BRITISH POUND	134,733	140,466.29	-4.1%	93,324.82	44.4%	106,335	114,268	-6.9%
CANADIAN DOLLAR	96,023	110,675.38	-13.2%	72,569.36	32.3%	84,700	86,162	-1.7%
CD/JY CROSS RATES	11	0.67	1585.6%	0.18	6081.6%	2	5	-59.0%
CHILEAN PESO	2	0.05	3101.3%	0.45	235.3%	0	0	87.5%
CHINESE RENMINBI (CNH)	1,937	1,408.81	37.5%	736.73	162.9%	1,255	1,284	-2.3%
CZECK KORUNA (EC)	0	0.1	-50.0%	0	-	0	0	-87.5%
CZECK KORUNA (US)	0	0.14	99.9%	0.14	109.5%	2	0	1171.9%
EC/AD CROSS RATES	609	392.38	55.2%	55.64	994.9%	259	270	-4.4%
EC/CD CROSS RATES	550	815.86	-32.6%	67.68	712.3%	312	426	-26.9%
EC/NOK CROSS RATES	357	78.62	353.7%	38.68	822.2%	141	70	102.2%
EC/SEK CROSS RATES	615	143	329.9%	28.27	2074.6%	267	105	153.7%
EFX/BP CROSS RATES	6,427	6,136	4.7%	1,599.18	301.9%	3,159	4,647	-32.0%
EFX/JY CROSS RATES	4,569	3,834.29	19.2%	1,119.86	308.0%	2,462	3,099	-20.6%
EFX/SF CROSS RATES	2,019	3,100.86	-34.9%	620.68	225.3%	1,236	2,300	-46.3%
E-MICRO USD/CAD	4	7.14	-42.0%	5.32	-22.1%	7	13	-43.2%
E-MICRO USD/CHF	2	9.95	-81.3%	4.73	-60.7%	9	5	89.5%
E-MICRO USD/JPY	118	2,842.95	-95.9%	141.59	-16.9%	116	823	-86.0%
E-MINI EURO FX	5,348	7,607	-29.7%	4,861.05	10.0%	6,300	6,499	-3.1%
E-MINI JAPANESE YEN	753	667	12.9%	501.68	50.2%	572	444	28.8%
EURO FX	287,825	290,999.57	-1.1%	203,310.27	41.6%	235,504	226,850	3.8%
HUNGARIAN FORINT (EC)	0	0	-	0	-	0	0	-37.5%
HUNGARIAN FORINT (US)	0	0.1	-100.0%	0.32	-100.0%	1	0	117.1%
INDIAN RUPEE	1,202	1,084.29	10.9%	1,087.36	10.6%	1,434	985	45.6%
JAPANESE YEN	212,352	189,402.71	12.1%	169,164.55	25.5%	171,383	141,476	21.1%
KOREAN WON	16	17.33	-4.9%	13.14	25.4%	49	31	59.9%
MEXICAN PESO	68,913	83,964.67	-17.9%	49,862.68	38.2%	61,887	55,528	11.5%
MICRO AUD/USD	11,346	12,541.86	-9.5%	10,395.77	9.1%	13,006	13,079	-0.6%
MICRO CAD/USD	2,260	3,086.29	-26.8%	2,164.5	4.4%	2,706	2,841	-4.7%

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<b>FX Futures</b>								
MICRO CHF/USD	838	1,276.76	-34.3%	627.95	33.5%	740	716	3.4%
MICRO EUR/USD	25,183	36,996.38	-31.9%	26,002.45	-3.2%	31,052	34,020	-8.7%
MICRO GBP/USD	3,424	6,038.67	-43.3%	2,736.41	25.1%	3,357	4,548	-26.2%
MICRO INR/USD	14	39.1	-63.0%	15.82	-8.5%	24	39	-39.1%
MICRO JPY/USD	0	0	-	0	-	0	820	-100.0%
MICRO USD/CNH	0	0	-	0	-	0	0	-100.0%
NEW ZEALND DOLLAR	33,210	34,918.52	-4.9%	30,414.27	9.2%	30,693	29,301	4.8%
NKR/USD CROSS RATE	380	222.1	71.1%	196.82	93.1%	247	168	47.1%
POLISH ZLOTY (EC)	10	15.43	-33.6%	2	411.9%	4	8	-49.1%
POLISH ZLOTY (US)	121	92.33	31.1%	47.23	156.3%	65	74	-11.8%
RMB USD	0	0.24	-100.0%	0	-	0	0	-50.0%
RUSSIAN RUBLE	0	30.67	-100.0%	0	-	0	4,735	-100.0%
S.AFRICAN RAND	8,119	7,104.29	14.3%	3,248.68	149.9%	4,131	4,767	-13.3%
SF/JY CROSS RATES	131	141.38	-7.3%	12.95	911.6%	53	46	14.2%
SHEKEL	4	1	347.6%	1.82	146.2%	4	1	448.7%
SKR/USD CROSS RATES	584	609.81	-4.3%	204.95	184.8%	292	403	-27.6%
SWISS FRANC	26,070	35,389.19	-26.3%	19,522.36	33.5%	21,946	25,352	-13.4%
TURKISH LIRA	7	6.71	1.4%	0.77	781.3%	2	2	7.4%
USDZAR	0	0.19	25.0%	0.14	74.6%	1	0	238.7%

### FX Options

AUD/USD MONDAY OPTION WEE	28	3.43	722.2%	10.95	157.3%	10	13	-23.4%
AUD/USD MONDAY OPTION WEE	7	16	-55.4%	15.09	-52.7%	20	25	-16.9%
AUD/USD MONDAY OPTION WEE	1	4.67	-88.8%	17.91	-97.1%	11	16	-28.9%
AUD/USD MONDAY OPTION WEE	14	6.1	128.1%	5.73	142.8%	12	19	-34.8%
AUD/USD MONDAY OPTION WEE	0	0	-	0	-	3	6	-59.6%
AUD/USD MONTHLY OPTIONS	4,474	3,868.38	15.6%	2,253.5	98.5%	2,987	4,647	-35.7%
AUD/USD THURSDAY WKLY OPT	0	0	-	3.77	-93.7%	1	0	-
AUD/USD THURSDAY WKLY OPT	1	0	-	9.77	-92.2%	2	0	-
AUD/USD THURSDAY WKLY OPT	2	0	-	0	-	9	0	-
AUD/USD THURSDAY WKLY OPT	0	0	-	0.5	-42.9%	3	0	-
AUD/USD THURSDAY WKLY OPT	23	0	-	0	-	4	0	-
AUD/USD TUESDAY WKLY OPT	1	0	-	0.86	-39.3%	2	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0.91	-68.6%	9	0	-
AUD/USD TUESDAY WKLY OPT	6	0	-	4.91	20.3%	5	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0.5	-71.4%	2	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	4.55	-100.0%	2	0	-
AUD/USD WKLY FRIDAY OPTION	16	72.67	-78.4%	48.36	-67.6%	11	29	-61.2%
AUD/USD WKLY FRIDAY OPTION	38	14.67	157.8%	9.64	292.4%	73	93	-21.1%
AUD/USD WKLY FRIDAY OPTION	80	71.57	11.4%	103.14	-22.7%	94	120	-21.9%
AUD/USD WKLY FRIDAY OPTION	77	60.9	26.1%	47.59	61.4%	91	90	1.4%
AUD/USD WKLY FRIDAY OPTION	34	25.1	34.5%	32.27	4.6%	22	21	4.6%
AUD/USD WKLY WED OPTIONS -	40	21.48	84.3%	64.82	-39.0%	25	46	-46.2%
AUD/USD WKLY WED OPTIONS -	2	19.52	-90.7%	9.64	-81.2%	10	26	-61.4%
AUD/USD WKLY WED OPTIONS -	14	58.86	-76.9%	3.73	264.1%	12	39	-69.2%
AUD/USD WKLY WED OPTIONS -	7	33.48	-78.8%	4.27	66.1%	14	30	-52.0%
AUD/USD WKLY WED OPTIONS -	0	2.29	-100.0%	9.64	-100.0%	4	2	101.5%
BRL/USD MONTHLY OPTIONS	0	5.81	-100.0%	0	-	2	17	-90.2%

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<b>FX Options</b>								
CAD/USD MONDAY OPTIONS WE	96	4.52	2027.4%	14.23	576.4%	48	9	444.9%
CAD/USD MONDAY OPTIONS WE	18	55.95	-68.0%	87.23	-79.5%	67	63	7.4%
CAD/USD MONDAY OPTIONS WE	0	16.62	-100.0%	60	-100.0%	40	39	2.3%
CAD/USD MONDAY OPTIONS WE	7	13.57	-50.9%	30	-77.8%	37	40	-6.8%
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-	2	10	-80.3%
CAD/USD MONTHLY OPTIONS	2,984	4,576.1	-34.8%	1,922.95	55.2%	3,053	4,739	-35.6%
CAD/USD THURSDAY WKLY OPT	18	0	-	44.32	-58.4%	16	0	-
CAD/USD THURSDAY WKLY OPT	61	0	-	11.32	435.6%	17	0	-
CAD/USD THURSDAY WKLY OPT	22	0	-	18.59	19.6%	18	0	-
CAD/USD THURSDAY WKLY OPT	84	0	-	18.27	357.4%	28	0	-
CAD/USD THURSDAY WKLY OPT	18	0	-	0	-	16	0	-
CAD/USD TUESDAY WKLY OPT	43	0	-	23.55	83.6%	21	0	-
CAD/USD TUESDAY WKLY OPT	41	0	-	24.27	69.5%	36	0	-
CAD/USD TUESDAY WKLY OPT	33	0	-	27.82	18.1%	22	0	-
CAD/USD TUESDAY WKLY OPT	11	0	-	17.45	-35.6%	7	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	33.27	-100.0%	7	0	-
CAD/USD WKLY FRIDAY OPTION	134	100.24	33.3%	136.05	-1.8%	47	67	-29.8%
CAD/USD WKLY FRIDAY OPTION	31	134.57	-77.2%	46.05	-33.4%	110	189	-41.7%
CAD/USD WKLY FRIDAY OPTION	122	318.86	-61.8%	136.18	-10.6%	129	278	-53.6%
CAD/USD WKLY FRIDAY OPTION	151	272.9	-44.5%	107.77	40.6%	162	269	-39.8%
CAD/USD WKLY FRIDAY OPTION	129	15.38	739.0%	0.95	13418.5%	63	37	69.5%
CAD/USD WKLY WED OPTIONS -	102	22.67	349.8%	135.14	-24.6%	73	47	54.8%
CAD/USD WKLY WED OPTIONS -	106	36.1	194.2%	103.59	2.5%	61	53	14.2%
CAD/USD WKLY WED OPTIONS -	28	45.9	-38.9%	33.23	-15.6%	47	75	-36.6%
CAD/USD WKLY WED OPTIONS -	18	119.48	-84.7%	37.59	-51.4%	61	97	-36.9%
CAD/USD WKLY WED OPTIONS -	0	55.9	-100.0%	56.45	-100.0%	17	33	-48.2%
CHF/USD MONTHLY OPTIONS	104	161.1	-35.4%	1,402.23	-92.6%	454	269	68.8%
CHF/USD WKLY FRIDAY OPTION	0	2.05	-95.4%	6.05	-98.4%	1	5	-76.4%
CHF/USD WKLY FRIDAY OPTION	125	2	6135.7%	4.05	2982.8%	34	7	408.6%
CHF/USD WKLY FRIDAY OPTION	36	2.43	1372.6%	86.05	-58.4%	30	4	698.9%
CHF/USD WKLY FRIDAY OPTION	77	6.76	1038.0%	25.64	200.2%	56	8	635.2%
CHF/USD WKLY FRIDAY OPTION	129	0	-	0.05	283939.8%	25	0	21736.3%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	0	30	-100.0%
EUR/USD MONDAY OPTION WEE	125	10.14	1136.6%	87.14	43.9%	107	83	28.9%
EUR/USD MONDAY OPTION WEE	41	96.67	-57.4%	154.77	-73.4%	91	151	-39.9%
EUR/USD MONDAY OPTION WEE	72	8.76	725.5%	11.23	544.3%	58	47	25.4%
EUR/USD MONDAY OPTION WEE	153	39.81	283.1%	90.73	68.1%	101	177	-43.1%
EUR/USD MONDAY OPTION WEE	0	0	-	0	-	8	23	-66.6%
EUR/USD MONTHLY OPTIONS	12,569	10,381.9	21.1%	12,702.45	-1.0%	13,402	11,924	12.4%
EUR/USD THURSDAY WKLY OPT	61	0	-	138.73	-56.4%	43	0	-
EUR/USD THURSDAY WKLY OPT	7	0	-	13.32	-43.9%	34	0	-
EUR/USD THURSDAY WKLY OPT	126	0	-	66.18	90.1%	36	0	-
EUR/USD THURSDAY WKLY OPT	38	0	-	8.91	329.7%	51	0	-
EUR/USD THURSDAY WKLY OPT	4	0	-	0	-	1	0	-
EUR/USD TUESDAY WKLY OPT	3	0	-	1.14	143.1%	6	0	-
EUR/USD TUESDAY WKLY OPT	206	0	-	0.77	26621.4%	39	0	-
EUR/USD TUESDAY WKLY OPT	61	0	-	69.41	-11.8%	40	0	-
EUR/USD TUESDAY WKLY OPT	6	0	-	7.68	-21.9%	27	0	-
EUR/USD TUESDAY WKLY OPT	0	0	-	58.68	-100.0%	11	0	-

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<b>FX Options</b>								
EUR/USD WKLY FRIDAY OPTION	27	577.43	-95.3%	589.45	-95.4%	109	315	-65.3%
EUR/USD WKLY FRIDAY OPTION	329	974.24	-66.2%	610	-46.0%	807	846	-4.7%
EUR/USD WKLY FRIDAY OPTION	1,124	783.95	43.4%	393.09	185.9%	959	820	17.0%
EUR/USD WKLY FRIDAY OPTION	833	578.57	43.9%	467.14	78.3%	1,416	1,020	38.8%
EUR/USD WKLY FRIDAY OPTION	510	20.86	2344.3%	11.64	4281.2%	155	170	-8.6%
EUR/USD WKLY WED OPTIONS -	252	155.67	61.6%	143.55	75.3%	215	291	-26.1%
EUR/USD WKLY WED OPTIONS -	179	170.86	4.9%	272.55	-34.3%	288	231	24.6%
EUR/USD WKLY WED OPTIONS -	208	254.19	-18.3%	207.95	-0.2%	239	271	-11.9%
EUR/USD WKLY WED OPTIONS -	226	225.33	0.1%	185.32	21.7%	223	299	-25.4%
EUR/USD WKLY WED OPTIONS -	0	330.24	-100.0%	171.18	-100.0%	84	107	-21.5%
EVENT CONTRACT EUR/USD	552	0	-	118.14	367.1%	248	0	-
GBP/USD MONDAY OPTION WEE	18	12.95	40.1%	34.82	-47.9%	35	24	44.8%
GBP/USD MONDAY OPTION WEE	48	79.48	-39.5%	74.86	-35.8%	58	54	7.2%
GBP/USD MONDAY OPTION WEE	7	16.19	-59.4%	9.59	-31.5%	19	16	18.5%
GBP/USD MONDAY OPTION WEE	16	12.71	25.5%	66.73	-76.1%	25	24	1.1%
GBP/USD MONDAY OPTION WEE	0	0	-	0	-	3	3	10.8%
GBP/USD MONTHLY OPTIONS	3,458	3,640.24	-5.0%	3,709.73	-6.8%	3,205	3,671	-12.7%
GBP/USD THURSDAY WKLY OPT	4	0	-	10.09	-57.5%	11	0	-
GBP/USD THURSDAY WKLY OPT	3	0	-	6.5	-55.3%	6	0	-
GBP/USD THURSDAY WKLY OPT	12	0	-	5.59	118.9%	14	0	-
GBP/USD THURSDAY WKLY OPT	10	0	-	3.59	179.8%	6	0	-
GBP/USD THURSDAY WKLY OPT	11	0	-	0	-	2	0	-
GBP/USD TUESDAY WKLY OPT	3	0	-	4.18	-23.7%	8	0	-
GBP/USD TUESDAY WKLY OPT	21	0	-	12.68	66.3%	18	0	-
GBP/USD TUESDAY WKLY OPT	16	0	-	31.64	-49.6%	13	0	-
GBP/USD TUESDAY WKLY OPT	19	0	-	2.18	792.7%	10	0	-
GBP/USD TUESDAY WKLY OPT	0	0	-	5.27	-100.0%	3	0	-
GBP/USD WKLY FRIDAY OPTION	13	69.33	-81.2%	109.5	-88.1%	22	44	-50.5%
GBP/USD WKLY FRIDAY OPTION	99	31.29	217.2%	52.05	90.7%	151	119	26.2%
GBP/USD WKLY FRIDAY OPTION	98	125.38	-22.0%	250.82	-61.0%	201	177	13.5%
GBP/USD WKLY FRIDAY OPTION	158	87.38	80.9%	115.41	36.9%	104	144	-27.8%
GBP/USD WKLY FRIDAY OPTION	42	40.29	3.9%	23.09	81.3%	35	49	-28.3%
GBP/USD WKLY WED OPTIONS -	20	24.67	-19.7%	3.59	451.7%	32	63	-49.1%
GBP/USD WKLY WED OPTIONS -	38	22.19	71.9%	33.86	12.6%	56	24	131.3%
GBP/USD WKLY WED OPTIONS -	102	35.38	189.0%	20.14	407.7%	54	60	-10.1%
GBP/USD WKLY WED OPTIONS -	32	22.05	43.6%	89.95	-64.8%	38	55	-30.8%
GBP/USD WKLY WED OPTIONS -	0	7.19	-100.0%	26	-100.0%	5	4	38.3%
JPY/USD MONDAY OPTION WEE	35	1.19	2831.9%	19.91	75.3%	36	17	109.1%
JPY/USD MONDAY OPTION WEE	31	34.1	-9.6%	76.91	-59.9%	90	47	92.6%
JPY/USD MONDAY OPTION WEE	2	5.52	-61.2%	9.18	-76.7%	16	13	20.1%
JPY/USD MONDAY OPTION WEE	12	74.81	-83.8%	137.95	-91.2%	46	49	-7.5%
JPY/USD MONDAY OPTION WEE	0	0	-	0	-	8	0	1952.9%
JPY/USD MONTHLY OPTIONS	3,278	8,715.81	-62.4%	6,011.36	-45.5%	4,585	7,910	-42.0%
JPY/USD THURSDAY WKLY OPT	2	0	-	0.86	181.2%	1	0	-
JPY/USD THURSDAY WKLY OPT	1	0	-	1.05	-13.5%	1	0	-
JPY/USD THURSDAY WKLY OPT	4	0	-	0.05	8900.4%	2	0	-
JPY/USD THURSDAY WKLY OPT	2	0	-	1.14	67.6%	1	0	-
JPY/USD THURSDAY WKLY OPT	5	0	-	0	-	2	0	-
JPY/USD TUESDAY WKLY OPT W	1	0	-	0.95	4.8%	1	0	-

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<b>FX Options</b>								
JPY/USD TUESDAY WKLY OPT W	49	0	-	2.05	2283.9%	27	0	-
JPY/USD TUESDAY WKLY OPT W	88	0	-	1.59	5455.4%	16	0	-
JPY/USD TUESDAY WKLY OPT W	2	0	-	1.86	30.3%	8	0	-
JPY/USD TUESDAY WKLY OPT W	0	0	-	1.45	-100.0%	0	0	-
JPY/USD WKLY FRIDAY OPTION	12	649.33	-98.2%	135.68	-91.3%	26	201	-87.0%
JPY/USD WKLY FRIDAY OPTION	180	373.48	-51.7%	251.86	-28.4%	309	450	-31.2%
JPY/USD WKLY FRIDAY OPTION	314	879.24	-64.3%	235.77	33.1%	395	583	-32.2%
JPY/USD WKLY FRIDAY OPTION	233	716.9	-67.6%	168.41	38.1%	285	520	-45.2%
JPY/USD WKLY FRIDAY OPTION	236	28.95	716.8%	0.05	519627.9%	78	135	-42.5%
JPY/USD WKLY WED OPTIONS -	79	201.24	-60.8%	80.41	-2.0%	125	157	-20.7%
JPY/USD WKLY WED OPTIONS -	103	81.14	26.9%	91.41	12.7%	124	143	-13.2%
JPY/USD WKLY WED OPTIONS -	106	146.43	-27.6%	110.68	-4.2%	162	120	35.3%
JPY/USD WKLY WED OPTIONS -	89	334.1	-73.3%	63.05	41.4%	118	178	-33.9%
JPY/USD WKLY WED OPTIONS -	0	223.71	-100.0%	82	-100.0%	25	61	-58.9%
MXN/USD MONTHLY OPTIONS	14	20.1	-31.3%	14.36	-3.9%	14	59	-76.2%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-100.0%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
NZD/USD MONTHLY OPTIONS	27	316.86	-91.5%	1.27	2021.3%	602	58	943.9%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
USD/CNH MONTHLY OPTIONS	36	0	-	2.32	1440.6%	6	0	-
USD/CNH WEEKLY FRIDAY OPTI	0	0	-	0	-	0	0	-
ZAR/USD MONTHLY OPTIONS	0	0	-	0	-	6	0	-

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	ADV JUN 2023	ADV JUN 2022	% CHG	ADV MAY 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
<b>Ag Products Futures</b>								
BLOCK CHEESE	19	18.1	3.7%	27.91	-32.8%	18	18	-0.6%
BUTTER CS	211	199.76	5.7%	200.23	5.4%	180	223	-19.5%
CASH-SETTLED CHEESE	832	607.1	37.1%	791.77	5.1%	677	499	35.5%
CATTLE	69,426	51,964.71	33.6%	72,009.45	-3.6%	66,362	60,316	10.0%
CDD SEASONAL STRIP	5	35.71	-86.7%	11.36	-58.1%	33	59	-44.5%
CDD WEATHER	338	38.1	787.5%	172.73	95.7%	92	179	-48.5%
CLASS IV MILK	100	108.57	-7.9%	107.91	-7.4%	57	126	-54.7%
DRY WHEY	39	65.05	-39.9%	71.41	-45.3%	57	54	5.3%
FEEDER CATTLE	16,524	12,058.1	37.0%	15,175.18	8.9%	16,702	12,617	32.4%
GOLDMAN SACHS	81	197.62	-59.0%	68.59	18.1%	106	187	-43.5%
GSCI EXCESS RETURN FUT	3,368	5,944.24	-43.3%	95.82	3415.3%	1,243	2,314	-46.3%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	0	0	-	0	-	16	65	-75.0%
HDD WEATHER EUROPEAN	0	0	-	0	-	60	31	93.5%
HOGS	61,583	46,757.24	31.7%	65,153.18	-5.5%	54,271	47,249	14.9%
HOUSING INDEX	0	0.81	-64.7%	0.82	-65.1%	1	1	-20.7%
LUMBER	932	433.81	114.9%	497.23	87.5%	668	395	69.2%
MALAYSIAN PALM SWAP	0	0	-	0	-	0	0	-
MILK	1,876	1,389.1	35.1%	1,670.23	12.3%	1,464	1,474	-0.7%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	222	255.48	-13.1%	202.45	9.7%	254	306	-16.9%
OTC SP GSCI ER SWAP	0	0	-	930.36	-100.0%	620	0	-
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	0	-
PORK CUTOUT	89	124.48	-28.3%	83.18	7.3%	73	125	-41.4%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	0	0	-
USD CRUDE PALM OIL	1,266	1,507.29	-16.0%	1,155	9.6%	1,397	1,109	26.0%

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<b>Ag Products Options</b>								
BLOCK CHEESE	27	71.81	-62.1%	12.41	119.5%	13	19	-34.5%
BUTTER CS	112	102.38	9.8%	127.36	-11.8%	101	74	36.6%
CASH-SETTLED CHEESE	552	322.57	71.0%	509.55	8.2%	365	374	-2.3%
CATTLE	20,603	10,449.38	97.2%	12,434.91	65.7%	14,321	10,623	34.8%
CDD SEASONAL STRIP	833	214.29	288.9%	1,100	-24.2%	663	165	301.0%
CDD WEATHER	1,095	16.67	6471.4%	159.09	588.4%	690	9	7672.7%
CLASS IV MILK	256	250.52	2.2%	282.95	-9.5%	296	311	-4.8%
DRY WHEY	0	0.14	-100.0%	0	-	1	21	-97.2%
FEEDER CATTLE	2,876	1,402.62	105.0%	2,466.5	16.6%	2,797	1,671	67.4%
HDD EURO SEASONAL STRIP	1,048	0	-	0	-	177	0	-
HDD SEASONAL STRIP	714	0	-	0	-	121	0	-
HDD WEATHER	0	0	-	0	-	240	39	518.7%
HDD WEATHER EUROPEAN	0	0	-	0	-	161	8	1900.0%
HOGS	18,859	8,713.19	116.4%	15,103.41	24.9%	14,397	11,172	28.9%
LUMBER	17	14.24	22.4%	9.59	81.7%	12	23	-49.1%
LV CATL CSO	0	0	-	1.36	-100.0%	0	0	-
MILK	1,695	738.71	129.5%	1,133.27	49.6%	1,208	917	31.7%
MLK MID OPTIONS	0	0.1	-100.0%	0.14	-100.0%	0	0	-66.7%
NFD MILK	267	156.33	70.7%	135.95	96.3%	220	218	1.0%
PORK CUTOOT	0	0	-	0	-	0	0	-80.0%
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	3,308,291	3,667,800.48	-9.8%	3,383,582.59	-2.2%	3,730,514	3,601,787	3.6%
Equity Index Futures	5,273,575	6,598,441.52	-20.1%	4,509,099.41	17.0%	5,160,523	6,213,244	-16.9%
FX Futures	1,066,803	1,117,085.05	-4.5%	789,362.05	35.1%	895,857	883,536	1.4%
Ag Products Futures	156,913	121,705.24	28.9%	158,424.82	-1.0%	144,350	127,346	13.4%
<b>TOTAL FUTURES</b>	<b>9,805,581</b>	<b>11,505,032.29</b>	<b>-14.8%</b>	<b>8,840,468.86</b>	<b>10.9%</b>	<b>9,931,242.94</b>	<b>10,825,912.46</b>	<b>-8.3%</b>
<b>TOTAL OPTIONS GROUP</b>								
Interest Rate Options	1,544,976	1,312,133.14	17.7%	1,827,622.95	-15.5%	2,103,879	1,301,622	61.6%
Equity Index Options	1,347,970	1,184,438.43	13.8%	1,273,663.14	5.8%	1,289,214	1,196,073	7.8%
FX Options	36,493	41,886.24	-12.9%	36,098.96	1.1%	38,292	43,612	-12.2%
Ag Products Options	48,954	22,452.95	118.0%	33,476.5	46.2%	35,783	25,645	39.5%
<b>TOTAL OPTIONS</b>	<b>2,978,394</b>	<b>2,560,910.76</b>	<b>16.3%</b>	<b>3,170,861.55</b>	<b>-6.1%</b>	<b>3,467,167.23</b>	<b>2,566,952.42</b>	<b>35.1%</b>
<b>TOTAL COMBINED</b>								
Interest Rate	4,853,267	4,979,933.62	-2.5%	5,211,205.55	-6.9%	5,834,393	4,903,408	19.0%
Equity Index	6,621,545	7,782,879.95	-14.9%	5,782,762.55	14.5%	6,449,737	7,409,317	-13.0%
FX	1,103,296	1,158,971.29	-4.8%	825,461	33.7%	934,149	927,148	0.8%
Ag Products	205,867	144,158.19	42.8%	191,901.32	7.3%	180,132	152,991	17.7%
<b>GRAND TOTAL</b>	<b>12,783,975</b>	<b>14,065,943.05</b>	<b>-9.1%</b>	<b>12,011,330.41</b>	<b>6.4%</b>	<b>13,398,410.17</b>	<b>13,392,864.88</b>	<b>0.0%</b>