

**CME Exchange ADV Report - Monthly**

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	ADV OCT 2023	ADV OCT 2022	% CHG	ADV SEP 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
<b>Interest Rate Futures</b>								
13-Week U.S. T-Bill Futures	848	0	-	0	-	89	0	-
1-MONTH EURODOLLAR	0	97.52	-100.0%	0	-	5	353	-98.6%
BSBY 3-MONTH FUTURES	15	1,234.52	-98.8%	22.05	-31.4%	154	2,584	-94.1%
ESTR Basis Spread Futures	53	1.95	2598.3%	90.8	-42.0%	66	0	33473.3%
ESTR Futures	11,816	0.522255792.2%		10,039.8	17.7%	5,057	09613240.7%	
EURODOLLARS	0	847,294.43	-100.0%	0	-	135,501	1,764,405	-92.3%
FTIE	0	1.67	-100.0%	1.6	-100.0%	8	5	74.6%
SOFR	3,186,234	1,980,800.48	60.9%	3,184,579.05	0.1%	3,326,524	1,685,241	97.4%
SONIA	5	0	-	2.4	104.5%	7	6	16.6%
<b>Interest Rate Options</b>								
EURODOLLARS	0	538,836.67	-100.0%	0	-	45,777	601,388	-92.4%
EURO MIDCURVE	0	52,420.76	-100.0%	0	-	2,860	309,364	-99.1%
SOFR	1,096,858	735,424.67	49.1%	909,584.25	20.6%	1,386,771	272,989	408.0%
SOFR MIDCURVE	336,432	164,795.81	104.2%	334,195.9	0.7%	318,783	74,332	328.9%
SOFR MISCURVE	0	0	-	0	-	3	0	-

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	ADV OCT 2023	ADV OCT 2022	% CHG	ADV SEP 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
<b>Equity Index Futures</b>								
BITCOIN	13,025	13,305.38	-2.1%	9,631	35.2%	10,902	10,741	1.5%
E-mini FTSE China 50	0	5.52	-100.0%	0	-	0	34	-99.4%
E-MINI MIDCAP	12,764	13,955.1	-8.5%	16,557.1	-22.9%	13,326	16,114	-17.3%
E-MINI NASDAQ 100	767,897	764,370.52	0.5%	700,437.3	9.6%	677,546	716,374	-5.4%
E-MINI RUSSELL 1000	216	487	-55.6%	975.2	-77.8%	424	632	-32.9%
E-MINI RUSSELL 1000 GROWTH	130	374.19	-65.3%	634.7	-79.6%	264	420	-37.1%
E-MINI RUSSELL 1000 VALUE	423	186.24	127.1%	2,125.05	-80.1%	833	1,115	-25.2%
E-MINI RUSSELL 2000	236,167	249,119.43	-5.2%	253,224.95	-6.7%	222,679	246,320	-9.6%
E-MINI S&P500	1,999,485	2,292,934.1	-12.8%	1,966,249.75	1.7%	1,830,077	2,035,253	-10.1%
E-MINI S&P500 ESG	768	1,350.48	-43.1%	2,880.6	-73.3%	1,190	1,531	-22.3%
ETHER	0	0	-	0	-	0	0	-100.0%
ETHER FUTURES	5,493	6,292.33	-12.7%	3,928.55	39.8%	4,864	6,341	-23.3%
FT-SE 100	4	6.9	-40.8%	5.35	-23.5%	4	7	-44.8%
IBOVESPA INDEX	1	2.48	-46.8%	0.45	192.9%	2	3	-43.7%
MICRO BITCOIN	11,528	10,426.24	10.6%	5,892.2	95.6%	9,710	15,415	-37.0%
MICRO E-MINI NASDAQ 100	1,420,645	1,509,736.24	-5.9%	1,192,223.95	19.2%	1,114,224	1,511,283	-26.3%
MICRO E-MINI RUSSELL 2000	78,372	139,584.48	-43.9%	57,657.45	35.9%	76,712	138,060	-44.4%
MICRO E-MINI S&P500	1,159,097	1,585,755.9	-26.9%	932,278.05	24.3%	1,041,856	1,390,972	-25.1%
MICRO ETHER	10,406	15,695.95	-33.7%	4,167.8	149.7%	8,536	20,340	-58.0%
NASDAQ-100 VOLATILITY	0	3.33	-100.0%	0	-	15	89	-82.7%
NASDAQ BIOTECH SECTOR	0	9.62	-97.6%	1.6	-85.8%	7	10	-31.4%
Nearby BTIC+	0	35.71	-100.0%	0	-	0	36	-100.0%
NIKKEI 225 (\$) STOCK	8,423	4,804.48	75.3%	8,223.15	2.4%	6,826	5,616	21.5%
NIKKEI 225 (YEN) STOCK	38,658	36,150.14	6.9%	33,707.2	14.7%	31,090	37,987	-18.2%
PHLX SEMICONDUCTOR SECTO	29	39.48	-25.5%	216.6	-86.4%	40	8	388.6%
S&P 500	3,980	1,940.62	105.1%	5,693.6	-30.1%	4,813	3,634	32.4%
S&P 500 ANNUAL DIVIDEND IND	2,947	4,392.48	-32.9%	5,576.45	-47.2%	3,679	4,002	-8.1%
S&P 500 QUARLY DIVIDEND IND	319	211.38	50.7%	767.05	-58.5%	678	207	228.0%
S&P 600 SMALLCAP EMINI	17	0	-	65.85	-74.6%	11	0	-
S&P BIOTECHNOLOGY SECTOR	33	49.86	-34.5%	59.1	-44.8%	49	39	24.7%
S&P COMMUNICATION SERVICE	229	151.05	51.4%	748.05	-69.4%	305	200	52.1%
S&P CONSUMER DISCRETIONAR	410	401.57	2.0%	1,004.75	-59.2%	535	656	-18.4%
S&P CONSUMER STAPLES SECT	1,253	947.9	32.1%	3,504.15	-64.3%	1,668	1,379	21.0%
S&P ENERGY SECTOR	1,190	2,013.62	-40.9%	4,254.3	-72.0%	2,231	3,307	-32.5%
S&P FINANCIAL SECTOR	715	940.1	-23.9%	4,249.7	-83.2%	2,227	1,779	25.2%
S&P HEALTH CARE SECTOR	467	524.24	-10.9%	1,814.6	-74.3%	1,095	1,300	-15.7%
S&P INDUSTRIAL SECTOR	673	924.33	-27.2%	1,607.9	-58.1%	1,036	1,401	-26.1%
S&P MATERIALS SECTOR	867	442.52	96.0%	1,058	-18.0%	818	739	10.7%
S&P OIL & GAS EXPLORATION A	8	23.52	-64.6%	55.2	-84.9%	15	21	-27.5%
S&P REAL ESTATE SECTOR	165	197.62	-16.3%	1,181.2	-86.0%	517	327	58.3%
S&P REGIONAL BANKS SECTOR	31	28.05	10.0%	213.15	-85.5%	75	11	614.8%
S&P RETAIL SECTOR	13	8.57	48.0%	21.5	-41.0%	27	14	98.5%
S&P TECHNOLOGY SECTOR	582	1,403.05	-58.5%	2,007.35	-71.0%	908	1,293	-29.7%
S&P UTILITIES SECTOR	2,414	976.05	147.3%	5,555	-56.5%	2,473	1,737	42.3%
TOPIX (USD)	3	0	-	2.5	9.1%	4	0	-
TOPIX (YEN)	30	1.86	1517.9%	11.75	155.7%	14	95	-85.4%
WATER INDEX FUTURES	1	0	-	0	-	1	3	-74.8%

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<b>Equity Index Options</b>								
BITCOIN OPTIONS	474	230.62	105.4%	264.25	79.3%	333	137	143.2%
E-MINI NASDAQ 100	77,611	50,536.19	53.6%	74,878.3	3.6%	66,881	48,266	38.6%
E-MINI RUSSELL 2000	7,251	5,995.67	20.9%	4,691.8	54.5%	6,718	6,498	3.4%
E-MINI S&P500	1,823,510	1,395,942.38	30.6%	1,526,130.4	19.5%	1,315,349	1,144,574	14.9%
ETHER OPTIONS	278	22.19	1153.8%	155	79.5%	116	3	4148.7%
EVENT CONTRACT S&P 500	531	0	-	580.85	-8.6%	315	0	-
MICRO BITCOIN	783	336.05	133.0%	483.2	62.1%	586	354	65.4%
MICRO E-MINI NASDAQ 100	3,211	2,242.43	43.2%	2,586.55	24.1%	2,747	2,612	5.2%
Micro E-mini S&P 500	18,161	10,542.19	72.3%	14,055.85	29.2%	12,074	11,174	8.1%
MICRO ETHER	1,973	1,884.48	4.7%	858.8	129.8%	982	1,518	-35.3%
<b>FX Futures</b>								
AD/CD CROSS RATES	0	2.52	-100.0%	0.15	-100.0%	1	3	-72.8%
AD/JY CROSS RATES	79	173.48	-54.2%	119.1	-33.3%	81	227	-64.3%
AD/NE CROSS RATES	306	582.9	-47.5%	577.1	-47.0%	217	293	-25.9%
AUSTRALIAN DOLLAR	108,248	103,967.24	4.1%	140,308.65	-22.9%	99,820	101,988	-2.1%
BP/JY CROSS RATES	114	250.76	-54.5%	285.6	-60.1%	165	256	-35.4%
BP/SF CROSS RATES	210	150.52	39.6%	251.2	-16.3%	178	148	21.0%
BRAZIL REAL	17,955	15,029.71	19.5%	17,219.35	4.3%	14,371	15,386	-6.6%
BRITISH POUND	98,877	148,050.52	-33.2%	138,176.95	-28.4%	106,516	126,488	-15.8%
CANADIAN DOLLAR	88,296	97,353.29	-9.3%	116,097.7	-23.9%	84,494	91,276	-7.4%
CD/JY CROSS RATES	2	3.38	-39.5%	9.6	-78.7%	3	3	-8.5%
CHILEAN PESO	0	0	-	0	-	0	0	87.5%
CHINESE RENMINBI (CNH)	2,337	2,185.62	6.9%	2,095.4	11.5%	1,502	1,431	4.9%
CZECK KORUNA (EC)	0	0	-	0.05	-100.0%	0	0	-85.4%
CZECK KORUNA (US)	2	8.33	-80.9%	0.1	1490.9%	1	2	-44.5%
EC/AD CROSS RATES	134	176.57	-24.3%	1,046.25	-87.2%	289	281	3.0%
EC/CD CROSS RATES	89	222.81	-60.0%	779.1	-88.6%	296	406	-27.1%
EC/NOK CROSS RATES	82	20.05	310.8%	69.3	18.9%	115	113	1.5%
EC/SEK CROSS RATES	309	41.48	644.1%	650.7	-52.6%	263	161	63.8%
EFX/BP CROSS RATES	4,033	3,835.76	5.1%	7,954.75	-49.3%	3,486	4,706	-25.9%
EFX/JY CROSS RATES	2,142	1,454.95	47.2%	5,640.2	-62.0%	2,581	2,798	-7.8%
EFX/SF CROSS RATES	1,090	1,382.24	-21.1%	2,679.1	-59.3%	1,228	2,034	-39.6%
E-MICRO USD/CAD	1	0.95	-23.6%	4.75	-84.7%	5	9	-41.0%
E-MICRO USD/CHF	3	1.52	108.8%	5.85	-45.6%	7	4	88.0%
E-MICRO USD/JPY	34	39.86	-13.8%	243.65	-85.9%	165	723	-77.1%
E-MINI EURO FX	4,560	7,687.62	-40.7%	5,578.25	-18.3%	5,709	7,279	-21.6%
E-MINI JAPANESE YEN	519	764.76	-32.1%	512.45	1.4%	580	582	-0.4%
EURO FX	211,982	221,560.05	-4.3%	304,061.95	-30.3%	230,041	242,633	-5.2%
HUNGARIAN FORINT (EC)	0	0.05	281.9%	0.75	-75.8%	0	0	24.3%
HUNGARIAN FORINT (US)	0	0	-	0.05	-100.0%	0	0	104.7%
INDIAN RUPEE	604	1,880.29	-67.9%	957.8	-36.9%	1,222	1,292	-5.5%
JAPANESE YEN	167,122	174,554.48	-4.3%	194,070.95	-13.9%	172,498	157,838	9.3%
KOREAN WON	15	23.43	-37.1%	42.85	-65.6%	42	25	70.1%
MEXICAN PESO	80,799	65,547.29	23.3%	99,710.2	-19.0%	64,927	58,912	10.2%
MICRO AUD/USD	14,528	13,803.19	5.2%	12,542.75	15.8%	13,199	12,652	4.3%
MICRO CAD/USD	2,347	4,091.95	-42.6%	2,155.6	8.9%	2,478	2,936	-15.6%

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<b>FX Futures</b>								
MICRO CHF/USD	677	793.95	-14.7%	828.95	-18.3%	746	833	-10.4%
MICRO EUR/USD	25,879	43,998.33	-41.2%	26,107.75	-0.9%	29,296	37,908	-22.7%
MICRO GBP/USD	3,181	11,147.95	-71.5%	3,121.15	1.9%	3,289	5,995	-45.1%
MICRO INR/USD	12	29.57	-58.5%	12.2	0.6%	20	34	-41.9%
MICRO JPY/USD	0	0	-	0	-	0	487	-100.0%
MICRO USD/CNH	0	0	-	0	-	0	0	-100.0%
NEW ZEALND DOLLAR	32,534	35,518.05	-8.4%	42,229.2	-23.0%	31,830	31,573	0.8%
NKR/USD CROSS RATE	94	162.86	-42.5%	289.4	-67.7%	219	174	25.8%
POLISH ZLOTY (EC)	1	0.1	473.0%	8.35	-93.5%	4	6	-39.9%
POLISH ZLOTY (US)	56	86.24	-35.5%	129.55	-57.1%	64	75	-13.6%
RMB USD	0	0	-	0	-	0	0	-82.8%
RUSSIAN RUBLE	0	0	-	0	-	0	2,810	-100.0%
S.AFRICAN RAND	3,936	3,846.9	2.3%	4,566.75	-13.8%	4,235	4,587	-7.7%
SF/JY CROSS RATES	32	21.29	49.5%	136.7	-76.7%	50	52	-2.2%
SHEKEL	6	0.05	13268.9%	21.95	-71.0%	6	1	772.1%
SKR/USD CROSS RATES	193	234.57	-17.7%	369.9	-47.8%	267	366	-27.0%
SWISS FRANC	22,655	21,835.95	3.8%	28,558.55	-20.7%	21,949	26,226	-16.3%
TURKISH LIRA	0	1.14	-100.0%	2.8	-100.0%	2	2	-11.3%
USDZAR	4	0	-	0.5	672.7%	1	0	545.2%
<b>FX Options</b>								
AUD/USD MONDAY OPTION WEE	4	0.24	1732.7%	9.55	-54.3%	9	8	6.6%
AUD/USD MONDAY OPTION WEE	10	0.86	1045.4%	9.35	5.0%	19	16	19.2%
AUD/USD MONDAY OPTION WEE	2	6.38	-63.7%	7.15	-67.6%	10	12	-15.7%
AUD/USD MONDAY OPTION WEE	23	4.33	426.6%	6.75	238.0%	15	15	-1.8%
AUD/USD MONDAY OPTION WEE	11	6.9	58.0%	0	-	3	7	-46.4%
AUD/USD MONTHLY OPTIONS	2,626	2,516.9	4.3%	3,770.05	-30.4%	3,082	3,996	-22.9%
AUD/USD THURSDAY WKLY OPT	2	0	-	2.05	-26.8%	5	0	-
AUD/USD THURSDAY WKLY OPT	4	0	-	2.5	41.8%	4	0	-
AUD/USD THURSDAY WKLY OPT	2	0	-	0.8	161.4%	6	0	-
AUD/USD THURSDAY WKLY OPT	2	0	-	3.55	-36.0%	8	0	-
AUD/USD THURSDAY WKLY OPT	0	0	-	0	-	2	0	-
AUD/USD TUESDAY WKLY OPT	4	0	-	12.65	-70.9%	9	0	-
AUD/USD TUESDAY WKLY OPT	2	0	-	2	9.1%	9	0	-
AUD/USD TUESDAY WKLY OPT	4	0	-	1.95	98.1%	6	0	-
AUD/USD TUESDAY WKLY OPT	3	0	-	14.9	-81.4%	6	0	-
AUD/USD TUESDAY WKLY OPT	9	0	-	0	-	2	0	-
AUD/USD WKLY FRIDAY OPTION	1	0	-	1.85	-33.7%	22	26	-15.8%
AUD/USD WKLY FRIDAY OPTION	50	101.05	-50.7%	40.2	23.9%	68	76	-10.8%
AUD/USD WKLY FRIDAY OPTION	56	51.05	8.7%	63.8	-13.0%	83	103	-19.9%
AUD/USD WKLY FRIDAY OPTION	54	121	-55.0%	58.45	-6.8%	84	88	-4.4%
AUD/USD WKLY FRIDAY OPTION	0	0	-	44.45	-100.0%	20	28	-28.4%
AUD/USD WKLY WED OPTIONS -	3	20.57	-85.4%	32.45	-90.8%	21	30	-30.8%
AUD/USD WKLY WED OPTIONS -	15	22.71	-32.8%	17.85	-14.4%	14	22	-38.4%
AUD/USD WKLY WED OPTIONS -	10	8.86	9.8%	14.1	-31.0%	15	26	-44.1%
AUD/USD WKLY WED OPTIONS -	6	6.05	-5.3%	6.1	-6.1%	13	23	-43.7%
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-	6	3	121.3%
BRL/USD MONTHLY OPTIONS	0	1.05	-100.0%	0	-	2	15	-88.7%

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<b>FX Options</b>								
CAD/USD MONDAY OPTIONS WE	3	32.62	-91.9%	32.7	-91.9%	34	12	180.5%
CAD/USD MONDAY OPTIONS WE	16	10.29	52.0%	6.9	126.6%	46	51	-11.0%
CAD/USD MONDAY OPTIONS WE	31	20.19	54.9%	19.6	59.6%	34	48	-28.7%
CAD/USD MONDAY OPTIONS WE	86	0.52	16405.3%	123.65	-30.1%	48	34	42.9%
CAD/USD MONDAY OPTIONS WE	4	59.05	-92.6%	0	-	2	13	-84.4%
CAD/USD MONTHLY OPTIONS	2,258	3,477.24	-35.1%	1,758.85	28.4%	2,489	4,365	-43.0%
CAD/USD THURSDAY WKLY OPT	69	0	-	10.6	548.8%	19	0	-
CAD/USD THURSDAY WKLY OPT	9	0	-	28.05	-69.2%	15	0	-
CAD/USD THURSDAY WKLY OPT	64	0	-	12.35	414.5%	20	0	-
CAD/USD THURSDAY WKLY OPT	5	0	-	46.85	-90.0%	24	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	0	-	11	0	-
CAD/USD TUESDAY WKLY OPT	72	0	-	2.95	2353.0%	22	0	-
CAD/USD TUESDAY WKLY OPT	101	0	-	29.15	244.8%	37	0	-
CAD/USD TUESDAY WKLY OPT	104	0	-	25	317.1%	27	0	-
CAD/USD TUESDAY WKLY OPT	48	0	-	84	-42.9%	19	0	-
CAD/USD TUESDAY WKLY OPT	15	0	-	0	-	6	0	-
CAD/USD WKLY FRIDAY OPTION	8	0	-	10.45	-24.3%	57	65	-12.5%
CAD/USD WKLY FRIDAY OPTION	152	200.95	-24.5%	82.35	84.2%	106	166	-36.0%
CAD/USD WKLY FRIDAY OPTION	172	142.43	20.5%	167.55	2.4%	128	265	-51.7%
CAD/USD WKLY FRIDAY OPTION	108	174.48	-38.3%	223.85	-51.9%	152	237	-35.8%
CAD/USD WKLY FRIDAY OPTION	0	0	-	159.55	-100.0%	55	62	-10.6%
CAD/USD WKLY WED OPTIONS -	112	47.24	136.1%	36	209.8%	66	49	36.7%
CAD/USD WKLY WED OPTIONS -	37	38.29	-3.7%	45.5	-19.0%	51	58	-12.1%
CAD/USD WKLY WED OPTIONS -	45	50.57	-11.9%	147.95	-69.9%	50	70	-28.8%
CAD/USD WKLY WED OPTIONS -	107	80.05	33.3%	86.35	23.5%	62	76	-18.2%
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-	17	21	-20.3%
CHF/USD MONTHLY OPTIONS	287	155.57	84.7%	233.4	23.1%	362	275	31.8%
CHF/USD WKLY FRIDAY OPTION	0	0	-	2.8	-100.0%	10	5	112.6%
CHF/USD WKLY FRIDAY OPTION	5	1.43	269.1%	3.05	72.9%	27	4	528.0%
CHF/USD WKLY FRIDAY OPTION	36	2.19	1547.6%	11.8	205.9%	37	5	636.7%
CHF/USD WKLY FRIDAY OPTION	12	1.43	733.7%	23.25	-48.8%	77	6	1195.3%
CHF/USD WKLY FRIDAY OPTION	0	0	-	23.65	-100.0%	17	1	2920.6%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	0	18	-100.0%
EUR/USD MONDAY OPTION WEE	22	135.76	-84.0%	74	-70.6%	74	92	-19.5%
EUR/USD MONDAY OPTION WEE	143	121.52	17.9%	83.6	71.4%	89	129	-31.4%
EUR/USD MONDAY OPTION WEE	138	36.33	279.6%	91.25	51.1%	76	50	51.5%
EUR/USD MONDAY OPTION WEE	117	70.05	66.4%	29.85	290.4%	85	145	-41.7%
EUR/USD MONDAY OPTION WEE	54	36.48	46.7%	0	-	15	24	-35.5%
EUR/USD MONTHLY OPTIONS	12,409	16,057.38	-22.7%	16,948.7	-26.8%	13,298	13,206	0.7%
EUR/USD THURSDAY WKLY OPT	37	0	-	27.2	34.7%	37	0	-
EUR/USD THURSDAY WKLY OPT	39	0	-	47.2	-16.5%	35	0	-
EUR/USD THURSDAY WKLY OPT	9	0	-	40.4	-77.8%	27	0	-
EUR/USD THURSDAY WKLY OPT	62	0	-	65.65	-6.3%	46	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-	2	0	-
EUR/USD TUESDAY WKLY OPT	5	0	-	66	-93.1%	19	0	-
EUR/USD TUESDAY WKLY OPT	31	0	-	4.05	655.3%	30	0	-
EUR/USD TUESDAY WKLY OPT	18	0	-	23.65	-25.6%	31	0	-
EUR/USD TUESDAY WKLY OPT	67	0	-	23.25	186.0%	28	0	-
EUR/USD TUESDAY WKLY OPT	65	0	-	0	-	14	0	-

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<b>FX Options</b>								
EUR/USD WKLY FRIDAY OPTION	5	0.14	3685.2%	37.75	-85.7%	140	259	-45.8%
EUR/USD WKLY FRIDAY OPTION	1,221	750.81	62.7%	474.3	157.5%	868	675	28.6%
EUR/USD WKLY FRIDAY OPTION	1,331	733.29	81.6%	1,875.2	-29.0%	1,215	790	53.9%
EUR/USD WKLY FRIDAY OPTION	1,273	756.43	68.3%	1,016.25	25.2%	1,300	892	45.7%
EUR/USD WKLY FRIDAY OPTION	0	0	-	746.6	-100.0%	167	282	-40.8%
EUR/USD WKLY WED OPTIONS -	469	435.86	7.7%	269.3	74.2%	254	325	-22.0%
EUR/USD WKLY WED OPTIONS -	369	346.05	6.6%	458.3	-19.5%	303	269	12.8%
EUR/USD WKLY WED OPTIONS -	342	271.33	25.9%	366.55	-6.8%	240	257	-6.6%
EUR/USD WKLY WED OPTIONS -	299	413.24	-27.6%	364.65	-17.9%	231	324	-28.7%
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-	71	103	-30.7%
EVENT CONTRACT EUR/USD	214	86.67	146.6%	340.6	-37.2%	270	17	1504.8%
GBP/USD MONDAY OPTION WEE	9	18.14	-48.6%	83.95	-88.9%	31	25	21.0%
GBP/USD MONDAY OPTION WEE	8	24.24	-69.1%	9.6	-21.9%	44	51	-14.8%
GBP/USD MONDAY OPTION WEE	72	13	457.0%	39.95	81.2%	25	15	65.4%
GBP/USD MONDAY OPTION WEE	7	39.48	-81.9%	157.75	-95.5%	34	27	23.7%
GBP/USD MONDAY OPTION WEE	18	87.67	-79.2%	0	-	5	16	-70.1%
GBP/USD MONTHLY OPTIONS	2,580	5,015.86	-48.6%	3,729.85	-30.8%	3,174	4,107	-22.7%
GBP/USD THURSDAY WKLY OPT	13	0	-	29.75	-56.6%	12	0	-
GBP/USD THURSDAY WKLY OPT	9	0	-	4.4	112.8%	9	0	-
GBP/USD THURSDAY WKLY OPT	4	0	-	5.75	-34.4%	11	0	-
GBP/USD THURSDAY WKLY OPT	2	0	-	18.05	-90.9%	7	0	-
GBP/USD THURSDAY WKLY OPT	0	0	-	0	-	2	0	-
GBP/USD TUESDAY WKLY OPT	7	0	-	23.85	-70.3%	8	0	-
GBP/USD TUESDAY WKLY OPT	4	0	-	7.9	-44.8%	14	0	-
GBP/USD TUESDAY WKLY OPT	26	0	-	5.2	404.4%	12	0	-
GBP/USD TUESDAY WKLY OPT	22	0	-	6.4	243.0%	10	0	-
GBP/USD TUESDAY WKLY OPT	6	0	-	0	-	3	0	-
GBP/USD WKLY FRIDAY OPTION	3	0	-	7.25	-57.4%	32	44	-26.7%
GBP/USD WKLY FRIDAY OPTION	172	211.43	-18.8%	147.65	16.2%	143	123	16.3%
GBP/USD WKLY FRIDAY OPTION	126	150.76	-16.1%	129.8	-2.6%	181	159	13.4%
GBP/USD WKLY FRIDAY OPTION	174	119.81	45.0%	161.3	7.7%	128	147	-13.5%
GBP/USD WKLY FRIDAY OPTION	0	0	-	94.9	-100.0%	33	51	-35.1%
GBP/USD WKLY WED OPTIONS -	42	104.67	-59.4%	93.05	-54.4%	39	64	-38.7%
GBP/USD WKLY WED OPTIONS -	23	25.67	-10.7%	15.25	50.2%	45	23	96.4%
GBP/USD WKLY WED OPTIONS -	20	50.9	-60.0%	82.65	-75.4%	55	50	11.8%
GBP/USD WKLY WED OPTIONS -	19	75.52	-75.4%	46	-59.7%	32	59	-45.3%
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-	7	3	116.3%
JPY/USD MONDAY OPTION WEE	85	7.29	1069.2%	69.35	22.8%	40	32	24.5%
JPY/USD MONDAY OPTION WEE	28	20.86	35.6%	29.65	-4.6%	63	40	57.3%
JPY/USD MONDAY OPTION WEE	41	7.43	449.5%	29.65	37.7%	26	14	79.3%
JPY/USD MONDAY OPTION WEE	5	303.43	-98.2%	54.2	-89.9%	35	75	-53.2%
JPY/USD MONDAY OPTION WEE	117	34.29	241.4%	0	-	31	5	567.2%
JPY/USD MONTHLY OPTIONS	5,863	6,756.52	-13.2%	4,379.6	33.9%	4,901	7,093	-30.9%
JPY/USD THURSDAY WKLY OPT	19	0	-	27.1	-29.4%	13	0	-
JPY/USD THURSDAY WKLY OPT	11	0	-	0.25	4227.3%	5	0	-
JPY/USD THURSDAY WKLY OPT	7	0	-	1.35	388.2%	2	0	-
JPY/USD THURSDAY WKLY OPT	14	0	-	26.15	-47.0%	5	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	0	-	1	0	-
JPY/USD TUESDAY WKLY OPT W	0	0	-	64.4	-99.4%	7	0	-

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	ADV OCT 2023	ADV OCT 2022	% CHG	ADV SEP 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
<b>FX Options</b>								
JPY/USD TUESDAY WKLY OPT W	6	0	-	28.25	-78.3%	19	0	-
JPY/USD TUESDAY WKLY OPT W	1	0	-	10.3	-94.7%	12	0	-
JPY/USD TUESDAY WKLY OPT W	3	0	-	92.9	-96.7%	17	0	-
JPY/USD TUESDAY WKLY OPT W	119	0	-	0	-	13	0	-
JPY/USD WKLY FRIDAY OPTION	1	0	-	12.05	-94.7%	49	157	-68.7%
JPY/USD WKLY FRIDAY OPTION	671	507.81	32.2%	202.2	232.0%	339	394	-13.8%
JPY/USD WKLY FRIDAY OPTION	543	743.71	-27.0%	271.05	100.2%	382	568	-32.7%
JPY/USD WKLY FRIDAY OPTION	869	607.86	42.9%	397.3	118.6%	422	545	-22.5%
JPY/USD WKLY FRIDAY OPTION	0	0	-	427.85	-100.0%	91	185	-50.9%
JPY/USD WKLY WED OPTIONS -	346	464.38	-25.4%	261.6	32.4%	176	194	-9.4%
JPY/USD WKLY WED OPTIONS -	147	278.9	-47.5%	126.9	15.5%	132	178	-26.0%
JPY/USD WKLY WED OPTIONS -	107	169.95	-36.9%	122.25	-12.3%	146	155	-5.6%
JPY/USD WKLY WED OPTIONS -	90	331.1	-72.8%	118.5	-24.1%	110	223	-50.9%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-	31	57	-45.8%
MXN/USD MONTHLY OPTIONS	673	16.81	3906.1%	172.65	290.0%	105	76	38.8%
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	-
NZD/USD MONTHLY OPTIONS	0	0.48	-33.2%	2.7	-88.2%	360	114	217.4%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
USD/CNH MONTHLY OPTIONS	1	0	-	0	-	4	0	-
USD/CNH WEEKLY FRIDAY OPTI	0	0	-	0	-	0	0	-
ZAR/USD MONTHLY OPTIONS	0	0	-	0	-	3	0	-

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	ADV OCT 2023	ADV OCT 2022	% CHG	ADV SEP 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
<b>Ag Products Futures</b>								
BLOCK CHEESE	10	15.52	-36.5%	63.6	-84.5%	25	16	55.1%
BUTTER CS	207	196.05	5.6%	198.65	4.2%	184	204	-10.1%
CASH-SETTLED CHEESE	583	435.05	33.9%	570.3	2.2%	638	473	35.0%
CATTLE	64,983	50,074.52	29.8%	69,752.75	-6.8%	66,074	57,616	14.7%
CDD SEASONAL STRIP	0	0	-	0	-	19	35	-45.3%
CDD WEATHER	0	0	-	50	-100.0%	81	113	-28.3%
CLASS IV MILK	56	68.71	-18.9%	192.65	-71.1%	70	124	-43.5%
DRY WHEY	50	23.67	111.5%	51.2	-2.3%	52	48	8.9%
FEEDER CATTLE	18,597	14,631.81	27.1%	21,741.25	-14.5%	17,618	13,523	30.3%
GOLDMAN SACHS	88	151.33	-42.0%	94.5	-7.2%	98	189	-48.1%
GSCI EXCESS RETURN FUT	147	42.81	244.4%	3,639.25	-95.9%	1,115	1,940	-42.5%
HDD EURO SEASONAL STRIP	0	47.62	-100.0%	0	-	0	16	-100.0%
HDD SEASONAL STRIP	0	7.14	-100.0%	0	-	0	19	-100.0%
HDD WEATHER	64	350	-81.8%	12.5	409.1%	17	81	-78.6%
HDD WEATHER EUROPEAN	11	188.1	-94.0%	0	-	37	37	-1.0%
HOGS	41,810	42,768.86	-2.2%	52,127.25	-19.8%	51,789	46,209	12.1%
HOUSING INDEX	2	0.71	110.0%	0.85	76.5%	1	1	14.1%
LUMBER	878	596.24	47.3%	686.7	27.9%	721	432	67.0%
MALAYSIAN PALM SWAP	0	0	-	0	-	0	0	-
MILK	1,764	1,032.57	70.8%	1,681.75	4.9%	1,568	1,373	14.2%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	248	283.95	-12.5%	282.5	-12.1%	251	275	-8.9%
OTC SP GSCI ER SWAP	817	0	-	0	-	638	0	-
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	0	-
PORK CUTOFF	46	76.52	-40.1%	58.1	-21.1%	70	102	-31.5%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	0	0	-
USD CRUDE PALM OIL	1,088	762.33	42.7%	1,286	-15.4%	1,268	1,051	20.7%

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	ADV OCT 2023	ADV OCT 2022	% CHG	ADV SEP 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
<b>Ag Products Options</b>								
BLOCK CHEESE	41	0.29	14346.2%	42.9	-3.8%	23	12	89.4%
BUTTER CS	102	93.48	8.6%	62.45	62.5%	97	76	26.7%
CASH-SETTLED CHEESE	250	301.57	-17.2%	425.1	-41.2%	361	342	5.6%
CATTLE	21,062	9,146.48	130.3%	17,572	19.9%	15,443	10,262	50.5%
CDD SEASONAL STRIP	0	0	-	0	-	393	98	301.0%
CDD WEATHER	0	0	-	0	-	555	5	10445.6%
CLASS IV MILK	400	312.43	28.1%	457.35	-12.5%	345	357	-3.4%
DRY WHEY	24	0.24	10056.2%	13.9	74.0%	10	15	-35.8%
FEEDER CATTLE	4,081	1,833.62	122.5%	3,884.7	5.0%	3,022	1,734	74.3%
HDD EURO SEASONAL STRIP	0	95.24	-100.0%	0	-	134	32	314.8%
HDD SEASONAL STRIP	341	71.43	377.3%	250	36.4%	263	19	1275.0%
HDD WEATHER	382	23.81	1503.6%	907.5	-57.9%	269	61	339.5%
HDD WEATHER EUROPEAN	0	47.62	-100.0%	0	-	96	10	900.0%
HOGS	18,827	10,821.9	74.0%	13,825.9	36.2%	15,321	11,072	38.4%
LUMBER	52	18.1	189.4%	64.85	-19.3%	23	20	15.9%
LV CATL CSO	0	0	-	0	-	0	0	-
MILK	1,334	1,121.1	19.0%	919.4	45.1%	1,176	1,142	3.0%
MLK MID OPTIONS	0	0	-	0.15	-100.0%	0	0	-51.1%
NFD MILK	374	306.38	22.1%	402.65	-7.1%	263	214	23.0%
PACIFIC RIM DAT SS WTHR	409	0	-	0	-	43	0	-
PORK CUTOUT	0	0	-	0	-	1	0	217.1%
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	3,198,972	2,829,431.1	13.1%	3,194,735.7	0.1%	3,467,412	3,452,595	0.4%
Equity Index Futures	5,779,875	6,660,209.62	-13.2%	5,230,469.15	10.5%	5,074,308	6,176,843	-17.8%
FX Futures	896,080	982,524.52	-8.8%	1,160,231.9	-22.8%	898,458	944,012	-4.8%
Ag Products Futures	131,448	111,753.52	17.6%	152,489.8	-13.8%	142,336	123,878	14.9%
<b>TOTAL FUTURES</b>	<b>10,006,374</b>	<b>10,583,918.76</b>	<b>-5.5%</b>	<b>9,737,926.55</b>	<b>2.8%</b>	<b>9,582,513.08</b>	<b>10,697,328.11</b>	<b>-10.4%</b>
<b>TOTAL OPTIONS GROUP</b>								
Interest Rate Options	1,433,290	1,491,477.9	-3.9%	1,243,780.15	15.2%	1,754,194	1,258,074	39.4%
Equity Index Options	1,933,783	1,467,732.19	31.8%	1,624,685	19.0%	1,406,100	1,215,136	15.7%
FX Options	38,734	43,801.76	-11.6%	42,863.4	-9.6%	38,270	43,306	-11.6%
Ag Products Options	47,679	24,193.67	97.1%	38,828.85	22.8%	37,838	25,473	48.5%
<b>TOTAL OPTIONS</b>	<b>3,453,486</b>	<b>3,027,205.52</b>	<b>14.1%</b>	<b>2,950,157.4</b>	<b>17.1%</b>	<b>3,236,401.27</b>	<b>2,541,988.2</b>	<b>27.3%</b>
<b>TOTAL COMBINED</b>								
Interest Rate	4,632,261	4,320,909	7.2%	4,438,515.85	4.4%	5,221,606	4,710,668	10.8%
Equity Index	7,713,658	8,127,941.81	-5.1%	6,855,154.15	12.5%	6,480,408	7,391,979	-12.3%
FX	934,814	1,026,326.29	-8.9%	1,203,095.3	-22.3%	936,728	987,318	-5.1%
Ag Products	179,127	135,947.19	31.8%	191,318.65	-6.4%	180,173	149,350	20.6%
<b>GRAND TOTAL</b>	<b>13,459,860</b>	<b>13,611,124.28</b>	<b>-1.1%</b>	<b>12,688,083.95</b>	<b>6.1%</b>	<b>12,818,914.35</b>	<b>13,239,316.31</b>	<b>-3.2%</b>