

CME Exchange ADV Report - Monthly
September 2022

	ADV SEP 2022	ADV SEP 2021	% CHG	ADV AUG 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	0	0	-	0	-	382	0	-
BSBY 3-MONTH FUTURES	1,059	6,876.76	-84.6%	1,489.09	-28.9%	2,735	779	251.3%
EURODOLLARS	1,301,967	2,088,304.52	-37.7%	1,184,296.96	9.9%	1,866,848	2,334,331	-20.0%
SOFR	2,617,763	136,370.33	1819.6%	1,942,040.87	34.8%	1,652,226	117,931	1301.0%
SONIA	0	988.33	-100.0%	0	-	7	4,144	-99.8%
TIIE	6	13.9	-57.5%	6.52	-9.5%	5	4	29.2%
Interest Rate Options								
EURODOLLARS	524,200	175,402	198.9%	317,824.83	64.9%	608,376	189,864	220.4%
EURO MIDCURVE	115,326	672,566.71	-82.9%	113,295.48	1.8%	338,065	796,104	-57.5%
SOFR	649,953	14.764402810.8%		398,519.22	63.1%	221,334	46	480838.2%
SOFR MIDCURVE	198,356	0	-	119,776.7	65.6%	64,227	0	121213.9%

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	ADV SEP 2022	ADV SEP 2021	% CHG	ADV AUG 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Equity Index Futures								
BITCOIN	13,327	7,609.67	75.1%	9,704.78	37.3%	10,454	10,026	4.3%
E-mini FTSE China 50	5	8.29	-42.0%	2.78	72.8%	37	3	1244.7%
E-MINI MIDCAP	20,595	17,994.19	14.5%	10,918.65	88.6%	16,355	12,551	30.3%
E-MINI NASDAQ 100	842,602	634,860.9	32.7%	609,671.91	38.2%	711,013	548,481	29.6%
E-MINI RUSSELL 1000	794	1,699.95	-53.3%	46.74	1598.0%	649	552	17.5%
E-MINI RUSSELL 1000 GROWTH	736	558.48	31.8%	142.22	417.7%	425	251	69.3%
E-MINI RUSSELL 1000 VALUE	1,886	3,632.38	-48.1%	281.39	570.4%	1,219	1,511	-19.3%
E-MINI RUSSELL 2000	311,712	251,774.86	23.8%	182,540.78	70.8%	246,007	201,420	22.1%
E-MINI S&P500	2,848,585	1,999,617.62	42.5%	1,680,572.91	69.5%	2,006,470	1,598,298	25.5%
E-MINI S&P500 ESG	2,760	2,369.48	16.5%	648.7	325.5%	1,551	981	58.1%
ETHER	0	0	-	0.3	-21.8%	0	0	-
ETHER FUTURES	7,767	6,216.48	24.9%	6,185.96	25.6%	6,346	2,983	112.7%
FT-SE 100	4	50.24	-92.9%	2.61	36.9%	7	7	6.4%
FTSE Emerging	0	0	-	0	-	0	0	-100.0%
IBOVESPA INDEX	3	10.24	-74.9%	1.3	97.1%	3	10	-71.5%
MICRO BITCOIN	11,215	20,668.71	-45.7%	8,825.61	27.1%	15,972	11,476	39.2%
MICRO E-MINI NASDAQ 100	1,574,784	915,375.19	72.0%	1,246,404.52	26.3%	1,511,456	923,351	63.7%
MICRO E-MINI RUSSELL 2000	116,456	169,824.52	-31.4%	83,767.3	39.0%	137,890	151,053	-8.7%
MICRO E-MINI S&P500	1,671,978	913,371.29	83.1%	1,138,967.43	46.8%	1,369,214	854,916	60.2%
MICRO ETHER	23,737	0	-	17,636.48	34.6%	20,859	0	-
NASDAQ-100 VOLATILITY	1	1.57	-39.4%	3.83	-75.1%	98	1	19320.7%
NASDAQ BIOTECH SECTOR	28	43.1	-34.9%	4.35	545.1%	10	37	-72.0%
Nearby BTIC+	0	0	-	13.04	-100.0%	36	2	1806.8%
NIKKEI 225 (\$) STOCK	6,569	10,520.05	-37.6%	3,602.83	82.3%	5,707	6,324	-9.8%
NIKKEI 225 (YEN) STOCK	42,396	44,439.67	-4.6%	25,159	68.5%	38,192	31,456	21.4%
PHLX SEMICONDUCTOR SECTO	40	0	-	1.13	3447.0%	5	0	-
S&P 500	7,683	7,024.43	9.4%	1,344.04	471.6%	3,823	5,776	-33.8%
S&P 500 ANNUAL DIVIDEND IND	3,804	2,240.38	69.8%	1,853.78	105.2%	3,959	2,987	32.5%
S&P 500 QUARLY DIVIDEND IND	243	109.05	122.8%	105.48	130.3%	206	98	110.1%
S&P BIOTECHNOLOGY SECTOR	67	0	-	252.48	-73.6%	38	0	-
S&P COMMUNICATION SERVICE	397	408.86	-2.9%	111.91	254.7%	206	198	3.7%
S&P CONSUMER DISCRETIONAR	929	760.33	22.1%	314.52	195.2%	684	586	16.7%
S&P CONSUMER STAPLES SECT	2,742	3,635.29	-24.6%	970.65	182.5%	1,427	1,808	-21.1%
S&P ENERGY SECTOR	5,646	4,869.81	15.9%	1,945.04	190.3%	3,451	2,557	35.0%
S&P FINANCIAL SECTOR	3,209	3,744.67	-14.3%	516.35	521.4%	1,873	3,203	-41.5%
S&P HEALTH CARE SECTOR	2,248	3,371.43	-33.3%	496.52	352.7%	1,387	1,198	15.7%
S&P INDUSTRIAL SECTOR	2,386	2,096.43	13.8%	514.52	363.7%	1,454	1,283	13.3%
S&P MATERIALS SECTOR	1,157	1,087.86	6.3%	414.57	179.0%	772	687	12.3%
S&P OIL & GAS EXPLORATION A	33	0	-	136.26	-75.9%	20	0	-
S&P REAL ESTATE SECTOR	666	676.81	-1.6%	80	732.4%	341	458	-25.4%
S&P REGIONAL BANKS SECTOR	63	0	-	12.48	403.7%	9	0	-
S&P RETAIL SECTOR	42	0	-	77.7	-46.6%	14	0	-
S&P TECHNOLOGY SECTOR	2,917	1,609.38	81.2%	522.65	458.1%	1,281	780	64.1%
S&P UTILITIES SECTOR	2,981	3,848.05	-22.5%	1,000.7	197.9%	1,822	1,571	16.0%
S&P VALUE INDEX FUTURES	0	36.19	-100.0%	0	-	0	11	-100.0%
WATER INDEX FUTURES	0	0.9	-100.0%	1.09	-100.0%	3	5	-37.3%
YEN DENOMINATED TOPIX	75	186.29	-59.9%	111.22	-32.8%	105	94	12.2%

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Equity Index Options								
BITCOIN OPTIONS	123	71.86	71.4%	136.7	-9.9%	127	67	88.9%
E-MINI NASDAQ 100	54,950	28,395.24	93.5%	38,890.13	41.3%	48,013	26,487	81.3%
E-mini Russell 2000	3,718	4,936.62	-24.7%	3,445.74	7.9%	5,012	4,327	15.8%
E-MINI RUSSELL 2000	1,488	1,363.57	9.1%	1,358.96	9.5%	1,543	1,364	13.1%
E-mini S&P 500	583,602	446,894.38	30.6%	455,626.39	28.1%	558,849	338,881	64.9%
E-MINI S&P500	810,715	448,527.05	80.8%	519,944.43	55.9%	557,647	294,248	89.5%
EOM S&P 500	0	47.62	-100.0%	0	-	0	106	-100.0%
ETHER OPTIONS	5	0	-	0	-	1	0	-
MICRO BITCOIN	563	0	-	601.39	-6.4%	356	0	-
Micro E-mini Nasdaq-100	1,619	1,492.48	8.4%	1,442.7	12.2%	2,071	1,268	63.4%
MICRO E-MINI NASDAQ 100	567	468.24	21.0%	438.04	29.4%	582	279	108.6%
Micro E-mini S&P 500	12,012	9,683.86	24.0%	8,424.17	42.6%	11,244	7,056	59.4%
MICRO ETHER	2,819	0	-	5,034.57	-44.0%	1,477	0	-
S&P 500	0	4,857.71	-100.0%	0	-	0	6,927	-100.0%
FX Futures								
AD/CD CROSS RATES	5	2.19	147.8%	0.74	634.5%	3	1	170.3%
AD/JY CROSS RATES	266	106.19	150.2%	121.52	118.7%	233	110	111.8%
AD/NE CROSS RATES	832	21.67	3742.0%	105.61	688.2%	260	14	1753.4%
AUSTRALIAN DOLLAR	132,245	117,098.57	12.9%	87,592.17	51.0%	101,767	100,059	1.7%
BP/JY CROSS RATES	637	184	246.3%	121.35	425.1%	257	136	89.3%
BP/SF CROSS RATES	488	129.62	276.4%	82.57	490.9%	147	54	174.6%
BRAZIL REAL	14,042	9,013.33	55.8%	12,112	15.9%	15,425	12,216	26.3%
BRITISH POUND	211,946	115,048.9	84.2%	105,524.7	100.8%	124,079	94,995	30.6%
CANADIAN DOLLAR	127,944	97,882.05	30.7%	77,299.7	65.5%	90,597	80,555	12.5%
CD/JY CROSS RATES	1	19.57	-96.4%	0.13	447.8%	3	12	-72.5%
CHINESE RENMINBI (CNH)	2,346	1,064.19	120.4%	1,079.35	117.3%	1,346	811	66.0%
CZECK KORUNA (EC)	0	0	-	0	-	0	0	413.2%
CZECK KORUNA (US)	12	0.14	7964.3%	2.7	327.5%	2	0	3920.7%
EC/AD CROSS RATES	684	497.76	37.3%	176.43	287.5%	293	256	14.5%
EC/CD CROSS RATES	761	798.67	-4.7%	186.87	307.1%	427	353	20.9%
EC/NOK CROSS RATES	534	113.05	372.7%	69.35	670.5%	123	44	182.0%
EC/SEK CROSS RATES	239	71	236.6%	283.96	-15.8%	174	32	438.2%
EFX/BP CROSS RATES	9,262	6,582.86	40.7%	2,719.35	240.6%	4,803	2,910	65.1%
EFX/JY CROSS RATES	4,836	5,685.33	-14.9%	1,234.96	291.6%	2,948	2,224	32.6%
EFX/SF CROSS RATES	3,078	2,917.71	5.5%	972.91	216.3%	2,106	1,262	66.9%
E-MICRO USD/CAD	4	4.48	-11.7%	2.17	81.8%	10	2	425.4%
E-MICRO USD/CHF	3	0	-	1.43	109.1%	4	0	2337.2%
E-MICRO USD/JPY	94	5.38	1652.2%	104.83	-10.1%	800	1	123123.3%
E-MINI EURO FX	10,216	5,717.33	78.7%	7,366.96	38.7%	7,234	5,917	22.3%
E-MINI JAPANESE YEN	1,070	487.57	119.4%	767.3	39.4%	562	437	28.6%
EURO FX	386,255	242,868.52	59.0%	218,188.48	77.0%	244,987	195,356	25.4%
HUNGARIAN FORINT (EC)	0	0	-	0	-	0	0	77.8%
HUNGARIAN FORINT (US)	0	1.48	-87.1%	0.09	119.0%	0	1	-75.0%
INDIAN RUPEE	2,119	738.86	186.8%	1,361.91	55.6%	1,227	676	81.5%
JAPANESE YEN	239,354	134,549.52	77.9%	159,654.35	49.9%	155,970	105,885	47.3%
KOREAN WON	16	116.1	-86.6%	11.39	36.3%	25	97	-74.3%

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FX Futures								
MEXICAN PESO	92,688	70,837.1	30.8%	45,861.96	102.1%	58,171	54,044	7.6%
MICRO AUD/USD	13,179	8,786.43	50.0%	10,498.61	25.5%	12,523	9,948	25.9%
MICRO CAD/USD	3,305	3,370.38	-1.9%	2,167.87	52.5%	2,807	2,701	3.9%
MICRO CHF/USD	1,213	464.33	161.2%	767.74	58.0%	837	424	97.7%
MICRO EUR/USD	48,744	22,152.71	120.0%	36,258.87	34.4%	37,228	23,307	59.7%
MICRO GBP/USD	11,105	4,199.95	164.4%	4,800.26	131.3%	5,419	3,542	53.0%
MICRO INR/USD	28	74.52	-62.2%	18.83	49.7%	34	87	-60.7%
MICRO JPY/USD	0	1,881.19	-100.0%	0	-	541	1,596	-66.1%
MICRO USD/CNH	0	0	-	0	-	0	0	-94.5%
NEW ZEALND DOLLAR	46,331	31,259.81	48.2%	29,413.65	57.5%	31,133	29,037	7.2%
NKR/USD CROSS RATE	348	346.95	0.2%	136.91	153.9%	175	282	-37.9%
POLISH ZLOTY (EC)	10	17.62	-45.1%	0.78	1135.2%	6	7	-9.4%
POLISH ZLOTY (US)	139	85.43	63.3%	22.78	512.2%	73	45	61.3%
RMB USD	0	0	-	0.17	173.8%	0	0	864.4%
RUSSIAN RUBLE	1	9,647.81	-100.0%	3.39	-69.1%	3,124	5,295	-41.0%
S.AFRICAN RAND	5,383	4,820.81	11.7%	3,123.22	72.4%	4,670	2,925	59.7%
SF/JY CROSS RATES	164	1.9	8484.8%	14.78	1006.2%	55	3	2092.6%
SHEKEL	2	0.1	2150.8%	0.43	392.8%	1	0	750.4%
SKR/USD CROSS RATES	611	446.52	36.8%	202.04	202.4%	381	286	33.1%
SWISS FRANC	37,325	30,221.67	23.5%	23,696.43	57.5%	26,716	23,717	12.6%
TURKISH LIRA	6	6.38	-1.5%	0	-	2	5	-49.7%
USDZAR	0	0.33	-100.0%	0	-	0	0	-56.3%
FX Options								
AUD/USD MONDAY OPTION WEE	3	32.52	-91.9%	0.04	5920.7%	9	19	-50.1%
AUD/USD MONDAY OPTION WEE	3	14.38	-82.5%	4.3	-41.4%	17	17	0.4%
AUD/USD MONDAY OPTION WEE	4	12.05	-66.8%	9.04	-55.8%	12	20	-38.0%
AUD/USD MONDAY OPTION WEE	13	18.95	-32.7%	3.74	241.3%	17	21	-21.3%
AUD/USD MONDAY OPTION WEE	0	0	-	19.09	-100.0%	6	7	-11.1%
AUD/USD MONTHLY OPTIONS	3,815	5,479.76	-30.4%	2,652.3	43.8%	4,161	4,062	2.4%
AUD/USD WKLY FRIDAY OPTION	8	137.19	-93.9%	73.04	-88.5%	29	38	-22.9%
AUD/USD WKLY FRIDAY OPTION	46	88.81	-47.8%	29.96	54.7%	73	80	-8.0%
AUD/USD WKLY FRIDAY OPTION	64	192	-66.7%	70.52	-9.2%	109	132	-17.8%
AUD/USD WKLY FRIDAY OPTION	51	209.76	-75.6%	94.83	-46.1%	84	144	-41.9%
AUD/USD WKLY FRIDAY OPTION	46	19.9	132.5%	13.35	246.8%	31	28	10.0%
AUD/USD WKLY WED OPTIONS -	4	7	-44.2%	5.7	-31.4%	32	52	-39.1%
AUD/USD WKLY WED OPTIONS -	9	65.19	-85.5%	21	-54.9%	22	40	-43.5%
AUD/USD WKLY WED OPTIONS -	1	9.76	-85.4%	2.39	-40.3%	11	16	-29.5%
AUD/USD WKLY WED OPTIONS -	5	46.1	-88.2%	15.09	-64.0%	25	45	-45.7%
AUD/USD WKLY WED OPTIONS -	0	27.48	-100.0%	13.87	-100.0%	3	11	-70.9%
BRL/USD MONTHLY OPTIONS	14	9.52	42.0%	15.87	-14.8%	16	15	8.3%
CAD/USD MONDAY OPTIONS WE	26	80.29	-67.7%	0	-	10	41	-76.0%
CAD/USD MONDAY OPTIONS WE	44	212.14	-79.2%	46.87	-5.7%	56	80	-30.0%
CAD/USD MONDAY OPTIONS WE	92	286.1	-68.0%	73.17	25.1%	51	53	-2.8%
CAD/USD MONDAY OPTIONS WE	38	357.24	-89.3%	39.09	-2.0%	37	115	-67.7%
CAD/USD MONDAY OPTIONS WE	0	0	-	12.13	-100.0%	8	17	-51.2%
CAD/USD MONTHLY OPTIONS	4,135	6,683.29	-38.1%	3,729.57	10.9%	4,464	3,837	16.3%
CAD/USD WKLY FRIDAY OPTION	48	562.71	-91.5%	184.48	-74.1%	72	143	-49.6%

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FX Options								
CAD/USD WKLY FRIDAY OPTION	73	276.57	-73.6%	152.52	-52.1%	162	228	-29.0%
CAD/USD WKLY FRIDAY OPTION	227	669	-66.1%	235.3	-3.6%	278	370	-24.8%
CAD/USD WKLY FRIDAY OPTION	367	1,336.71	-72.5%	108.22	239.2%	243	480	-49.3%
CAD/USD WKLY FRIDAY OPTION	131	86.67	51.2%	0.09	150474.7%	69	93	-25.9%
CAD/USD WKLY WED OPTIONS -	55	260.05	-79.0%	78.04	-30.0%	49	97	-50.0%
CAD/USD WKLY WED OPTIONS -	19	72.71	-73.5%	96.96	-80.2%	60	91	-34.4%
CAD/USD WKLY WED OPTIONS -	83	423.24	-80.3%	69.91	19.2%	72	118	-39.1%
CAD/USD WKLY WED OPTIONS -	27	619.71	-95.7%	17.7	51.8%	75	136	-44.7%
CAD/USD WKLY WED OPTIONS -	0	299.71	-100.0%	15.74	-100.0%	24	51	-53.1%
CHF/USD MONTHLY OPTIONS	659	336.24	96.0%	121.57	442.0%	288	238	21.2%
CHF/USD WKLY FRIDAY OPTION	0	5.24	-100.0%	18	-100.0%	5	2	140.6%
CHF/USD WKLY FRIDAY OPTION	0	2.24	-83.0%	1.22	-68.7%	5	12	-61.1%
CHF/USD WKLY FRIDAY OPTION	2	7.62	-76.2%	4.52	-60.0%	5	9	-41.2%
CHF/USD WKLY FRIDAY OPTION	9	2.67	223.2%	1.26	583.6%	6	13	-49.4%
CHF/USD WKLY FRIDAY OPTION	2	0	-	0.04	3622.1%	1	1	-50.8%
EUR/GBP MONTHLY OPTIONS	0	0.29	-100.0%	0	-	20	0	61662.1%
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
EURODOLLARS	80	0	-	0	-	9	0	-
EUR/USD MONDAY OPTION WEE	207	45.1	359.3%	26.74	674.7%	87	95	-8.3%
EUR/USD MONDAY OPTION WEE	156	5.1	2957.9%	71.7	117.3%	130	70	86.6%
EUR/USD MONDAY OPTION WEE	101	63.81	58.5%	5.39	1776.0%	51	69	-26.0%
EUR/USD MONDAY OPTION WEE	235	274.81	-14.3%	20.35	1056.8%	153	141	8.5%
EUR/USD MONDAY OPTION WEE	0	0	-	60.87	-100.0%	23	32	-28.4%
EUR/USD MONTHLY OPTIONS	20,568	8,278.33	148.5%	9,040.43	127.5%	12,887	9,775	31.8%
EUR/USD WKLY FRIDAY OPTION	169	886.62	-80.9%	485.7	-65.2%	288	268	7.5%
EUR/USD WKLY FRIDAY OPTION	318	506.95	-37.2%	393.91	-19.2%	667	642	3.9%
EUR/USD WKLY FRIDAY OPTION	791	1,007	-21.5%	778.74	1.6%	796	958	-17.0%
EUR/USD WKLY FRIDAY OPTION	558	1,304.24	-57.2%	721	-22.6%	907	916	-1.0%
EUR/USD WKLY FRIDAY OPTION	733	161.52	354.0%	1.17	62361.7%	314	328	-4.2%
EUR/USD WKLY WED OPTIONS -	565	207	173.0%	180.04	213.9%	313	313	0.0%
EUR/USD WKLY WED OPTIONS -	348	161.43	115.6%	234.04	48.7%	260	341	-23.7%
EUR/USD WKLY WED OPTIONS -	242	169.43	42.7%	205.91	17.5%	256	338	-24.4%
EUR/USD WKLY WED OPTIONS -	368	391.9	-6.0%	307.78	19.6%	314	432	-27.3%
EUR/USD WKLY WED OPTIONS -	0	607.43	-100.0%	354.3	-100.0%	114	135	-15.5%
GBP/USD MONDAY OPTION WEE	37	46.05	-20.3%	0.04	84300.7%	26	22	19.9%
GBP/USD MONDAY OPTION WEE	64	14.38	344.4%	66.87	-4.4%	54	35	55.3%
GBP/USD MONDAY OPTION WEE	35	23.14	52.1%	3.87	809.4%	15	13	22.6%
GBP/USD MONDAY OPTION WEE	41	64.81	-36.8%	6.04	577.6%	26	33	-20.2%
GBP/USD MONDAY OPTION WEE	0	0	-	48.65	-100.0%	8	13	-39.7%
GBP/USD MONTHLY OPTIONS	6,479	3,353.43	93.2%	3,577.87	81.1%	4,005	3,490	14.8%
GBP/USD WKLY FRIDAY OPTION	10	202.43	-95.2%	151.96	-93.5%	49	66	-26.5%
GBP/USD WKLY FRIDAY OPTION	53	74.48	-28.5%	145.78	-63.4%	113	117	-2.9%
GBP/USD WKLY FRIDAY OPTION	138	187.62	-26.6%	117.83	16.8%	160	153	4.5%
GBP/USD WKLY FRIDAY OPTION	314	187.24	67.9%	109.7	186.6%	151	172	-12.7%
GBP/USD WKLY FRIDAY OPTION	118	39.67	197.4%	31.57	273.7%	57	48	18.0%
GBP/USD WKLY WED OPTIONS -	76	12.33	519.7%	18.22	319.5%	60	54	10.7%
GBP/USD WKLY WED OPTIONS -	18	14.67	24.0%	17.43	4.3%	23	32	-28.2%
GBP/USD WKLY WED OPTIONS -	71	8.29	761.5%	4.26	1575.3%	49	31	61.0%
GBP/USD WKLY WED OPTIONS -	55	61.81	-11.2%	41.7	31.6%	57	54	6.6%

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	ADV SEP 2022	ADV SEP 2021	% CHG	ADV AUG 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
FX Options								
GBP/USD WKLY WED OPTIONS -	0	32.86	-100.0%	8.22	-100.0%	4	14	-74.1%
JPY/USD MONDAY OPTION WEE	173	9.29	1766.7%	0.17	99574.2%	35	18	98.8%
JPY/USD MONDAY OPTION WEE	5	38.14	-87.4%	56.35	-91.5%	42	27	54.7%
JPY/USD MONDAY OPTION WEE	2	9.57	-78.1%	33.74	-93.8%	15	20	-23.4%
JPY/USD MONDAY OPTION WEE	66	80.67	-18.0%	37.09	78.3%	50	19	160.2%
JPY/USD MONDAY OPTION WEE	0	0	-	8.52	-100.0%	1	14	-90.8%
JPY/USD MONTHLY OPTIONS	5,652	4,354.43	29.8%	4,179.57	35.2%	7,131	4,087	74.5%
JPY/USD WKLY FRIDAY OPTION	23	350.52	-93.3%	320.87	-92.7%	175	154	13.7%
JPY/USD WKLY FRIDAY OPTION	206	279.76	-26.5%	365.83	-43.8%	381	269	41.9%
JPY/USD WKLY FRIDAY OPTION	493	436.24	12.9%	388.48	26.8%	548	454	20.6%
JPY/USD WKLY FRIDAY OPTION	643	490.43	31.1%	420.87	52.7%	538	430	25.0%
JPY/USD WKLY FRIDAY OPTION	450	34.48	1204.3%	5.35	8308.3%	206	137	50.7%
JPY/USD WKLY WED OPTIONS -	249	126.05	97.4%	88.87	180.0%	164	121	36.1%
JPY/USD WKLY WED OPTIONS -	309	186.71	65.6%	132.17	134.0%	167	169	-0.8%
JPY/USD WKLY WED OPTIONS -	273	71.76	280.3%	191.91	42.2%	153	159	-3.7%
JPY/USD WKLY WED OPTIONS -	383	142.05	169.4%	109.91	248.2%	211	138	53.5%
JPY/USD WKLY WED OPTIONS -	0	111.33	-100.0%	193.48	-100.0%	64	53	21.5%
MXN/USD MONTHLY OPTIONS	63	183.86	-65.8%	294.22	-78.6%	83	63	31.5%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	3	-97.2%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	3	-100.0%
MXN/USD WKLY FRIDAY OPTION	0	14.29	-100.0%	0	-	0	3	-100.0%
NZD/USD MONTHLY OPTIONS	781	1.38	56460.1%	7.09	10921.5%	126	8	1473.1%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-100.0%
RUB/USD MONTHLY OPTIONS	0	0	-	0	-	0	0	-100.0%
Foreign Exchange Futures								
CHILEAN PESO	0	0	-	0	-	0	0	-
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS -	8	2.33	251.0%	5.61	46.0%	17	23	-25.6%

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	ADV SEP 2022	ADV SEP 2021	% CHG	ADV AUG 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Ag Products Futures								
BLOCK CHEESE	10	8.81	12.4%	10.78	-8.1%	16	38	-57.1%
BUTTER CS	140	158.19	-11.8%	172.7	-19.2%	205	199	3.2%
CASH-SETTLED CHEESE	397	487.19	-18.4%	384.48	3.4%	477	566	-15.8%
CAT ASIA WEATHER	0	0	-	0	-	0	6	-100.0%
CATTLE	63,314	65,085.33	-2.7%	45,003.96	40.7%	58,458	57,579	1.5%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	3	-100.0%
CDD SEASONAL STRIP	0	0	-	4.35	-100.0%	39	33	17.9%
CDD WEATHER	0	4.76	-100.0%	0	-	126	50	153.6%
CLASS IV MILK	102	100.81	1.4%	107.52	-4.9%	130	52	151.8%
DRY WHEY	58	54.62	5.4%	32.39	77.7%	51	98	-48.3%
FEEDER CATTLE	16,160	16,315.43	-1.0%	13,852.04	16.7%	13,399	12,458	7.6%
GOLDMAN SACHS	206	181.95	13.1%	207.13	-0.7%	193	447	-56.9%
GSCI EXCESS RETURN FUT	4,873	5,249.95	-7.2%	198	2361.3%	2,152	1,979	8.8%
HDD EURO SEASONAL STRIP	12	0	-	38.04	-68.7%	13	0	-
HDD SEASONAL STRIP	131	16.67	685.7%	43.48	201.2%	20	2	971.4%
HDD WEATHER	32	54.76	-41.3%	43.48	-26.1%	51	67	-23.5%
HDD WEATHER EUROPEAN	0	0	-	0	-	21	24	-15.8%
HOGS	50,080	52,364.95	-4.4%	38,144.52	31.3%	46,593	47,561	-2.0%
HOUSING INDEX	0	1.24	-73.1%	0.7	-52.1%	1	1	15.6%
LUMBER	493	295.05	67.1%	520.09	-5.2%	413	484	-14.6%
MALAYSIAN PALM SWAP	0	217.14	-100.0%	0	-	0	448	-100.0%
MILK	1,232	1,061.86	16.0%	1,213.13	1.5%	1,411	1,144	23.3%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	164	204.29	-19.7%	224.78	-27.0%	274	263	4.3%
PACIFIC RIM DAT SS WTHR	0	47.62	-100.0%	0	-	0	5	-100.0%
PORK CUTOUT	57	67	-14.3%	58.39	-1.6%	105	123	-14.8%
S&P GSCI ENHANCED ER SWAP	0	95.33	-100.0%	0	-	0	32	-100.0%
USD CRUDE PALM OIL	1,036	649.33	59.6%	955.74	8.4%	1,083	283	282.7%

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Ag Products Options								
BLOCK CHEESE	1	25.71	-96.3%	1.39	-31.6%	13	16	-18.7%
BUTTER CS	60	54.14	9.9%	92.13	-35.4%	74	94	-21.0%
CASH-SETTLED CHEESE	182	72.33	152.1%	356.04	-48.8%	347	317	9.3%
CATTLE	11,055	10,733.1	3.0%	10,293.26	7.4%	10,386	9,184	13.1%
CDD SEASONAL STRIP	0	0	-	0	-	109	45	142.6%
CDD WEATHER	0	0	-	0	-	6	33	-82.4%
CLASS IV MILK	594	266.76	122.7%	469	26.7%	362	167	116.1%
DRY WHEY	0	4.38	-100.0%	8	-100.0%	17	9	84.9%
FEEDER CATTLE	1,776	1,079.67	64.5%	1,834.74	-3.2%	1,722	1,028	67.6%
HDD EURO SEASONAL STRIP	24	47.62	-50.0%	76.09	-68.7%	25	8	216.7%
HDD SEASONAL STRIP	71	734.29	-90.3%	43.48	64.3%	13	141	-90.5%
HDD WEATHER	0	0	-	326.09	-100.0%	65	33	96.8%
HDD WEATHER EUROPEAN	0	809.52	-100.0%	0	-	5	97	-94.5%
HOGS	11,564	12,673.52	-8.8%	10,641.74	8.7%	11,100	10,056	10.4%
LUMBER	10	24.76	-61.0%	16.22	-40.4%	20	36	-44.6%
MILK	1,398	1,137.76	22.9%	1,418.87	-1.5%	1,145	1,223	-6.4%
MLK MID OPTIONS	0	0.19	-100.0%	0	-	0	0	199.9%
NFD MILK	139	119.95	16.0%	203.09	-31.5%	203	200	1.6%
PORK CUTOUT	0	0.48	-100.0%	0	-	0	4	-95.3%
TOTAL FUTURES GROUP								
Interest Rate Futures	3,920,795	2,232,553.86	75.6%	3,127,833.43	25.4%	3,522,203	2,457,188	43.3%
Equity Index Futures	7,535,264	5,036,353	49.6%	5,035,888.52	49.6%	6,122,850	4,378,991	39.8%
FX Futures	1,409,870	930,348	51.5%	834,134	69.0%	939,710	761,664	23.4%
Foreign Exchange Futures	0	0	-	0	-	0	0	-
Ag Products Futures	138,497	142,722.29	-3.0%	101,215.7	36.8%	125,232	123,947	1.0%
TOTAL FUTURES	13,004,427	8,341,977.14	55.9%	9,099,071.65	42.9%	10,709,996.18	7,721,790.86	38.7%
TOTAL OPTIONS GROUP								
Interest Rate Options	1,487,835	847,983.48	75.5%	949,416.22	56.7%	1,232,002	986,014	24.9%
Equity Index Options	1,472,179	946,738.62	55.5%	1,035,343.22	42.2%	1,186,920	681,012	74.3%
FX Options	52,843	44,265.62	19.4%	32,123.09	64.5%	43,233	36,516	18.4%
Foreign Exchange Options	8	2.33	251.0%	5.61	46.0%	17	23	-25.6%
Ag Products Options	26,874	27,784.19	-3.3%	25,780.13	4.2%	25,615	22,693	12.9%
TOTAL OPTIONS	3,039,740	1,866,774.24	62.8%	2,042,668.26	48.8%	2,487,788.4	1,726,257.66	44.1%
TOTAL COMBINED								
Interest Rate	5,408,630	3,080,537.33	75.6%	4,077,249.65	32.7%	4,754,205	3,443,202	38.1%
Equity Index	9,007,444	5,983,091.62	50.5%	6,071,231.74	48.4%	7,309,771	5,060,003	44.5%
FX	1,462,713	974,613.62	50.1%	866,257.09	68.9%	982,944	798,181	23.1%
Foreign Exchange	8	2.33	251.0%	5.61	46.0%	17	23	-25.0%
Ag Products	165,371	170,506.48	-3.0%	126,995.83	30.2%	150,848	146,640	2.9%
GRAND TOTAL	16,044,167	10,208,751.38	57.2%	11,141,739.91	44.0%	13,197,784.57	9,448,048.51	39.7%