

CME Exchange ADV Report - Monthly

September 2022

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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
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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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%

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 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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	ADV SEP 2022	ADV SEP 2021	% CHG	ADV AUG 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
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%