

**CME Exchange ADV Report - Monthly**

October 2022

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	ADV OCT 2022	ADV OCT 2021	% CHG	ADV SEP 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Interest Rate Futures</b>								
1-MONTH EURODOLLAR	98	0.1	102341.0%	0.38	25496.8%	353	03679874.0%	
BSBY 3-MONTH FUTURES	1,235	7,559.05	-83.7%	1,059.14	16.6%	2,584	1,460	77.0%
EURODOLLARS	847,294	3,210,311.1	-73.6%	1,301,967.24	-34.9%	1,764,405	2,422,348	-27.2%
SOFR	1,980,803	238,415.57	730.8%	2,617,762.67	-24.3%	1,685,241	130,037	1196.0%
SONIA	0	908.81	-100.0%	0	-	6	3,819	-99.8%
TIIE	2	1.9	-12.5%	5.9	-71.8%	5	4	27.2%
<b>Interest Rate Options</b>								
EURODOLLARS	538,837	388,144.29	38.8%	524,199.86	2.8%	601,388	209,787	186.7%
EURO MIDCURVE	52,421	1,068,989.24	-95.1%	115,325.57	-54.5%	309,364	823,523	-62.4%
SOFR	735,425	0	-	649,953.29	13.2%	272,989	41	659341.6%
SOFR MIDCURVE	164,796	1.193842471.1%		198,356.33	-16.9%	74,332	03281309.4%	

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<b>Equity Index Futures</b>								
BITCOIN	13,305	12,713.1	4.7%	13,326.62	-0.2%	10,741	10,296	4.3%
E-mini FTSE China 50	6	6.86	-19.4%	4.81	14.9%	34	3	971.0%
E-MINI MIDCAP	13,955	12,034.19	16.0%	20,595.19	-32.2%	16,114	12,499	28.9%
E-MINI NASDAQ 100	764,371	533,066.57	43.4%	842,602.1	-9.3%	716,374	546,932	31.0%
E-MINI RUSSELL 1000	487	264.9	83.8%	793.62	-38.6%	632	523	20.9%
E-MINI RUSSELL 1000 GROWTH	374	126.86	195.0%	736.29	-49.2%	420	239	76.0%
E-MINI RUSSELL 1000 VALUE	186	619.9	-70.0%	1,886.38	-90.1%	1,115	1,422	-21.6%
E-MINI RUSSELL 2000	249,119	169,925.71	46.6%	311,711.62	-20.1%	246,320	198,255	24.2%
E-MINI S&P500	2,292,934	1,383,970.71	65.7%	2,848,584.62	-19.5%	2,035,253	1,576,763	29.1%
E-MINI S&P500 ESG	1,350	601.62	124.5%	2,760.29	-51.1%	1,531	943	62.4%
ETHER	0	0	-	0.24	-100.0%	0	0	-
ETHER FUTURES	6,292	5,459.95	15.2%	7,767.33	-19.0%	6,341	3,232	96.2%
FT-SE 100	7	2.71	154.4%	3.57	93.3%	7	6	12.6%
FTSE Emerging	0	0	-	0	-	0	0	-100.0%
IBOVESPA INDEX	2	18.05	-86.3%	2.57	-3.7%	3	11	-74.0%
MICRO BITCOIN	10,426	27,177.1	-61.6%	11,214.62	-7.0%	15,415	13,054	18.1%
MICRO E-MINI NASDAQ 100	1,509,736	932,687.76	61.9%	1,574,784.48	-4.1%	1,511,283	924,289	63.5%
MICRO E-MINI RUSSELL 2000	139,584	139,996.43	-0.3%	116,455.86	19.9%	138,060	149,942	-7.9%
MICRO E-MINI S&P500	1,585,756	848,834.86	86.8%	1,671,978.19	-5.2%	1,390,972	854,305	62.8%
MICRO ETHER	15,696	0	-	23,737	-33.9%	20,340	0	-
NASDAQ-100 VOLATILITY	3	0.1	3401.4%	0.95	250.0%	89	0	18992.4%
NASDAQ BIOTECH SECTOR	10	4.19	129.5%	28.05	-65.7%	10	34	-69.5%
Nearby BTIC+	36	4.76	650.0%	0	-	36	2	1553.1%
NIKKEI 225 (\$) STOCK	4,804	7,059.38	-31.9%	6,568.62	-26.9%	5,616	6,398	-12.2%
NIKKEI 225 (YEN) STOCK	36,150	38,599.1	-6.3%	42,396.38	-14.7%	37,987	32,174	18.1%
PHLX SEMICONDUCTOR SECTO	39	0	-	40.1	-1.5%	8	0	-
S&P 500	1,941	1,542.95	25.8%	7,683	-74.7%	3,634	5,351	-32.1%
S&P 500 ANNUAL DIVIDEND IND	4,392	2,965.62	48.1%	3,803.76	15.5%	4,002	2,985	34.1%
S&P 500 QUARLY DIVIDEND IND	211	253.57	-16.6%	242.95	-13.0%	207	114	81.7%
S&P BIOTECHNOLOGY SECTOR	50	0	-	66.67	-25.2%	39	0	-
S&P COMMUNICATION SERVICE	151	95	59.0%	396.9	-61.9%	200	188	6.5%
S&P CONSUMER DISCRETIONAR	402	464.95	-13.6%	928.62	-56.8%	656	574	14.3%
S&P CONSUMER STAPLES SECT	948	1,223	-22.5%	2,741.86	-65.4%	1,379	1,750	-21.2%
S&P ENERGY SECTOR	2,014	1,400.1	43.8%	5,646.29	-64.3%	3,307	2,440	35.5%
S&P FINANCIAL SECTOR	940	1,364.95	-31.1%	3,208.76	-70.7%	1,779	3,019	-41.1%
S&P HEALTH CARE SECTOR	524	1,335.81	-60.8%	2,247.67	-76.7%	1,300	1,212	7.2%
S&P INDUSTRIAL SECTOR	924	358.24	158.0%	2,385.95	-61.3%	1,401	1,190	17.7%
S&P MATERIALS SECTOR	443	444.48	-0.4%	1,156.67	-61.7%	739	663	11.5%
S&P OIL & GAS EXPLORATION A	24	0	-	32.9	-28.5%	21	0	-
S&P REAL ESTATE SECTOR	198	191.67	3.1%	665.9	-70.3%	327	431	-24.2%
S&P REGIONAL BANKS SECTOR	28	0	-	62.86	-55.4%	11	0	-
S&P RETAIL SECTOR	9	0	-	41.52	-79.4%	14	0	-
S&P TECHNOLOGY SECTOR	1,403	438.43	220.0%	2,916.67	-51.9%	1,293	746	73.3%
S&P UTILITIES SECTOR	976	1,361.76	-28.3%	2,981.19	-67.3%	1,737	1,550	12.1%
S&P VALUE INDEX FUTURES	0	18.1	-100.0%	0	-	0	12	-100.0%
WATER INDEX FUTURES	0	0.1	-100.0%	0	-	3	5	-37.4%
YEN DENOMINATED TOPIX	2	270.1	-99.3%	74.76	-97.5%	95	111	-15.0%

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<b>Equity Index Options</b>								
BITCOIN OPTIONS	231	68.19	238.2%	123.14	87.3%	137	67	104.1%
E-MINI NASDAQ 100	50,536	31,871.48	58.6%	54,950.38	-8.0%	48,266	27,028	78.6%
E-mini Russell 2000	4,767	4,782.1	-0.3%	3,717.67	28.2%	4,987	4,373	14.0%
E-MINI RUSSELL 2000	1,229	1,001.19	22.7%	1,487.57	-17.4%	1,511	1,328	13.8%
E-mini S&P 500	681,567	503,049.86	35.5%	583,602.14	16.8%	571,179	355,376	60.7%
E-MINI S&P500	714,375	357,128.95	100.0%	810,714.9	-11.9%	573,395	300,566	90.8%
EOM S&P 500	0	0	-	0	-	0	96	-100.0%
ETHER OPTIONS	22	0	-	4.9	352.4%	3	0	-
MICRO BITCOIN	336	0	-	562.81	-40.3%	354	0	-
Micro E-mini Nasdaq-100	1,924	1,849.24	4.1%	1,618.52	18.9%	2,056	1,326	55.0%
MICRO E-MINI NASDAQ 100	318	188.52	68.8%	566.71	-43.8%	556	270	105.8%
Micro E-mini S&P 500	10,542	10,976.33	-4.0%	12,011.52	-12.2%	11,174	7,450	50.0%
MICRO ETHER	1,884	0	-	2,819.1	-33.2%	1,518	0	-
S&P 500	0	0	-	0	-	0	6,231	-100.0%
<b>FX Futures</b>								
AD/CD CROSS RATES	3	0.67	278.6%	5.43	-53.5%	3	1	177.0%
AD/JY CROSS RATES	173	121.05	43.3%	265.71	-34.7%	227	111	104.3%
AD/NE CROSS RATES	583	25.52	2183.8%	832.43	-30.0%	293	15	1826.1%
AUSTRALIAN DOLLAR	103,967	87,730.57	18.5%	132,245.33	-21.4%	101,988	98,820	3.2%
BP/JY CROSS RATES	251	110.9	126.1%	637.14	-60.6%	256	133	92.4%
BP/SF CROSS RATES	151	26.52	467.5%	487.9	-69.1%	148	51	190.0%
BRAZIL REAL	15,030	10,294.24	46.0%	14,042.14	7.0%	15,386	12,023	28.0%
BRITISH POUND	148,051	88,393.19	67.5%	211,945.81	-30.1%	126,488	94,332	34.1%
CANADIAN DOLLAR	97,353	71,230.43	36.7%	127,943.95	-23.9%	91,276	79,618	14.6%
CD/JY CROSS RATES	3	21.24	-84.1%	0.71	373.3%	3	13	-74.4%
CHINESE RENMINBI (CNH)	2,186	593.14	268.5%	2,345.71	-6.8%	1,431	789	81.3%
CZECK KORUNA (EC)	0	0	-	0	-	0	0	412.3%
CZECK KORUNA (US)	8	0	-	11.52	-27.7%	2	0	6108.9%
EC/AD CROSS RATES	177	154.43	14.3%	683.62	-74.2%	281	245	14.5%
EC/CD CROSS RATES	223	205.71	8.3%	760.76	-70.7%	406	338	20.1%
EC/NOK CROSS RATES	20	33.62	-40.4%	534.33	-96.2%	113	43	164.4%
EC/SEK CROSS RATES	41	14.81	180.1%	239	-82.6%	161	31	425.7%
EFX/BP CROSS RATES	3,836	1,770.43	116.7%	9,261.95	-58.6%	4,706	2,795	68.4%
EFX/JY CROSS RATES	1,455	1,633.52	-10.9%	4,836.19	-69.9%	2,798	2,165	29.3%
EFX/SF CROSS RATES	1,382	823.33	67.9%	3,077.71	-55.1%	2,034	1,218	66.9%
E-MICRO USD/CAD	1	64.67	-98.5%	3.95	-75.9%	9	8	7.9%
E-MICRO USD/CHF	2	2.57	-40.7%	3	-49.2%	4	0	790.4%
E-MICRO USD/JPY	40	133.29	-70.1%	94.29	-57.7%	723	14	5075.0%
E-MINI EURO FX	7,688	3,940	95.1%	10,215.57	-24.7%	7,279	5,718	27.3%
E-MINI JAPANESE YEN	765	505.14	51.4%	1,069.57	-28.5%	582	444	31.2%
EURO FX	221,560	162,337.19	36.5%	386,254.71	-42.6%	242,633	192,038	26.3%
HUNGARIAN FORINT (EC)	0	0	-	0	-	0	0	83.4%
HUNGARIAN FORINT (US)	0	0.14	-100.0%	0.19	-100.0%	0	1	-75.4%
INDIAN RUPEE	1,880	784	139.8%	2,119.05	-11.3%	1,292	687	88.2%
JAPANESE YEN	174,554	111,050.62	57.2%	239,353.86	-27.1%	157,838	106,404	48.3%
KOREAN WON	23	46.86	-50.0%	15.52	50.9%	25	92	-73.1%

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<b>FX Futures</b>								
MEXICAN PESO	65,547	42,190.24	55.4%	92,688	-29.3%	58,912	52,853	11.5%
MICRO AUD/USD	13,803	9,341.95	47.8%	13,179	4.7%	12,652	9,887	28.0%
MICRO CAD/USD	4,092	2,632.9	55.4%	3,304.95	23.8%	2,936	2,694	9.0%
MICRO CHF/USD	794	341.9	132.2%	1,212.71	-34.5%	833	415	100.6%
MICRO EUR/USD	43,998	20,091.05	119.0%	48,744.38	-9.7%	37,908	22,984	64.9%
MICRO GBP/USD	11,148	4,962.1	124.7%	11,105.38	0.4%	5,995	3,685	62.7%
MICRO INR/USD	30	56.57	-47.7%	28.19	4.9%	34	84	-59.8%
MICRO JPY/USD	0	2,193	-100.0%	0	-	487	1,656	-70.6%
MICRO USD/CNH	0	0	-	0	-	0	0	-94.4%
NEW ZEALND DOLLAR	35,518	25,269.24	40.6%	46,331.38	-23.3%	31,573	28,658	10.2%
NKR/USD CROSS RATE	163	131.9	23.5%	347.57	-53.1%	174	267	-34.9%
POLISH ZLOTY (EC)	0	3.14	-97.0%	9.67	-99.0%	6	7	-13.5%
POLISH ZLOTY (US)	86	33.29	159.1%	139.48	-38.2%	75	44	68.7%
RMB USD	0	0	-	0.48	-100.0%	0	0	863.9%
RUSSIAN RUBLE	0	5,607.29	-100.0%	1.05	-100.0%	2,810	5,327	-47.2%
S.AFRICAN RAND	3,847	2,436.81	57.9%	5,383.29	-28.5%	4,587	2,876	59.5%
SF/JY CROSS RATES	21	3.52	504.1%	163.52	-87.0%	52	3	1876.8%
SHEKEL	0	0.76	-93.8%	2.14	-97.8%	1	0	352.9%
SKR/USD CROSS RATES	235	228.24	2.8%	610.95	-61.6%	366	280	30.6%
SWISS FRANC	21,836	22,218	-1.7%	37,324.81	-41.5%	26,226	23,566	11.3%
TURKISH LIRA	1	0.76	50.0%	6.29	-81.8%	2	4	-47.9%
USDZAR	0	0.05	-100.0%	0	-	0	0	-57.0%
<b>FX Options</b>								
AUD/USD MONDAY OPTION WEE	0	54.38	-99.6%	2.62	-90.9%	8	22	-62.2%
AUD/USD MONDAY OPTION WEE	1	59.29	-98.6%	2.52	-66.0%	16	21	-27.1%
AUD/USD MONDAY OPTION WEE	6	37.95	-83.2%	4	59.5%	12	21	-46.0%
AUD/USD MONDAY OPTION WEE	4	24.57	-82.4%	12.76	-66.0%	15	22	-28.3%
AUD/USD MONDAY OPTION WEE	7	0	-	0	-	7	7	-0.5%
AUD/USD MONTHLY OPTIONS	2,517	4,996.05	-49.6%	3,814.86	-34.0%	3,996	4,156	-3.8%
AUD/USD WKLY FRIDAY OPTION	0	5.67	-100.0%	8.43	-100.0%	26	35	-24.2%
AUD/USD WKLY FRIDAY OPTION	101	92.62	9.1%	46.33	118.1%	76	81	-6.0%
AUD/USD WKLY FRIDAY OPTION	51	133.29	-61.7%	64	-20.2%	103	132	-22.2%
AUD/USD WKLY FRIDAY OPTION	121	127.81	-5.3%	51.14	136.6%	88	143	-38.6%
AUD/USD WKLY FRIDAY OPTION	0	160.29	-100.0%	46.29	-100.0%	28	41	-32.9%
AUD/USD WKLY WED OPTIONS -	21	160.1	-87.2%	3.9	426.8%	30	63	-51.4%
AUD/USD WKLY WED OPTIONS -	23	34.14	-33.5%	9.48	139.7%	22	39	-42.7%
AUD/USD WKLY WED OPTIONS -	4	6.05	-33.1%	1.43	183.3%	10	15	-29.7%
AUD/USD WKLY WED OPTIONS -	6	27.43	-78.0%	5.43	11.4%	23	43	-47.8%
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-	3	9	-70.9%
BRL/USD MONTHLY OPTIONS	1	23.86	-95.6%	13.52	-92.3%	15	16	-7.5%
CAD/USD MONDAY OPTIONS WE	33	59.43	-45.1%	25.95	25.7%	12	43	-71.7%
CAD/USD MONDAY OPTIONS WE	10	34.43	-70.1%	44.19	-76.7%	51	75	-31.9%
CAD/USD MONDAY OPTIONS WE	20	19.05	6.0%	91.52	-77.9%	48	49	-2.5%
CAD/USD MONDAY OPTIONS WE	1	38.19	-98.6%	38.29	-98.6%	34	108	-68.8%
CAD/USD MONDAY OPTIONS WE	59	0	-	0	-	13	15	-11.8%
CAD/USD MONTHLY OPTIONS	3,477	3,706.19	-6.2%	4,135.14	-15.9%	4,365	3,823	14.2%
CAD/USD WKLY FRIDAY OPTION	0	33.81	-100.0%	47.71	-100.0%	65	132	-50.9%

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<b>FX Options</b>								
CAD/USD WKLY FRIDAY OPTION	201	134.95	48.9%	73.1	174.9%	166	219	-24.2%
CAD/USD WKLY FRIDAY OPTION	142	343.38	-58.5%	226.86	-37.2%	265	367	-27.9%
CAD/USD WKLY FRIDAY OPTION	174	269.19	-35.2%	367.05	-52.5%	237	459	-48.5%
CAD/USD WKLY FRIDAY OPTION	0	520.43	-100.0%	131	-100.0%	62	136	-54.5%
CAD/USD WKLY WED OPTIONS -	47	136.38	-65.4%	54.62	-13.5%	49	101	-52.0%
CAD/USD WKLY WED OPTIONS -	38	60.62	-36.8%	19.24	99.0%	58	88	-34.5%
CAD/USD WKLY WED OPTIONS -	51	71.43	-29.2%	83.33	-39.3%	70	113	-38.5%
CAD/USD WKLY WED OPTIONS -	80	37.38	114.1%	26.86	198.0%	76	126	-40.0%
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-	21	46	-53.1%
CHF/USD MONTHLY OPTIONS	156	513.43	-69.7%	658.9	-76.4%	275	265	3.6%
CHF/USD WKLY FRIDAY OPTION	0	0	-	0	-	5	2	140.6%
CHF/USD WKLY FRIDAY OPTION	1	2.48	-42.3%	0.38	275.1%	4	11	-60.7%
CHF/USD WKLY FRIDAY OPTION	2	8.52	-74.3%	1.81	21.0%	5	9	-44.4%
CHF/USD WKLY FRIDAY OPTION	1	2.14	-33.3%	8.62	-83.4%	6	12	-49.1%
CHF/USD WKLY FRIDAY OPTION	0	2.1	-100.0%	1.62	-100.0%	1	1	-58.5%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	18	0	61650.5%
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
EURODOLLARS	87	0	-	80.48	7.7%	17	0	-
EUR/USD MONDAY OPTION WEE	136	169.05	-19.7%	207.14	-34.5%	92	103	-10.2%
EUR/USD MONDAY OPTION WEE	122	466.81	-74.0%	155.81	-22.0%	129	110	17.9%
EUR/USD MONDAY OPTION WEE	36	120.48	-69.8%	101.14	-64.1%	50	75	-33.1%
EUR/USD MONDAY OPTION WEE	70	65.43	7.1%	235.38	-70.2%	145	134	8.4%
EUR/USD MONDAY OPTION WEE	36	0	-	0	-	24	28	-15.5%
EUR/USD MONTHLY OPTIONS	16,057	9,548.67	68.2%	20,567.76	-21.9%	13,206	9,752	35.4%
EUR/USD WKLY FRIDAY OPTION	0	17.05	-99.2%	168.9	-99.9%	259	242	6.7%
EUR/USD WKLY FRIDAY OPTION	751	403.52	86.1%	318.24	135.9%	675	618	9.3%
EUR/USD WKLY FRIDAY OPTION	733	1,053.43	-30.4%	790.9	-7.3%	790	968	-18.4%
EUR/USD WKLY FRIDAY OPTION	756	806.05	-6.2%	558.38	35.5%	892	905	-1.5%
EUR/USD WKLY FRIDAY OPTION	0	1,151.24	-100.0%	733.24	-100.0%	282	410	-31.2%
EUR/USD WKLY WED OPTIONS -	436	394.9	10.4%	565.1	-22.9%	325	321	1.3%
EUR/USD WKLY WED OPTIONS -	346	294.62	17.5%	348.05	-0.6%	269	337	-20.1%
EUR/USD WKLY WED OPTIONS -	271	231.14	17.4%	241.86	12.2%	257	327	-21.4%
EUR/USD WKLY WED OPTIONS -	413	406.19	1.7%	368.24	12.2%	324	430	-24.6%
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-	103	121	-15.5%
GBP/USD MONDAY OPTION WEE	18	52.67	-65.6%	36.71	-50.6%	25	25	1.7%
GBP/USD MONDAY OPTION WEE	24	32.24	-24.8%	63.9	-62.1%	51	35	47.8%
GBP/USD MONDAY OPTION WEE	13	78.95	-83.5%	35.19	-63.1%	15	19	-21.0%
GBP/USD MONDAY OPTION WEE	39	58.86	-32.9%	40.95	-3.6%	27	35	-22.4%
GBP/USD MONDAY OPTION WEE	88	0	-	0	-	16	12	35.3%
GBP/USD MONTHLY OPTIONS	5,016	4,179.67	20.0%	6,478.76	-22.6%	4,107	3,559	15.4%
GBP/USD WKLY FRIDAY OPTION	0	3.81	-100.0%	9.81	-100.0%	44	60	-27.0%
GBP/USD WKLY FRIDAY OPTION	211	160.33	31.9%	53.29	296.8%	123	121	1.7%
GBP/USD WKLY FRIDAY OPTION	151	105.86	42.4%	137.67	9.5%	159	149	7.2%
GBP/USD WKLY FRIDAY OPTION	120	259.95	-53.9%	314.33	-61.9%	147	181	-18.6%
GBP/USD WKLY FRIDAY OPTION	0	95.81	-100.0%	117.95	-100.0%	51	53	-3.4%
GBP/USD WKLY WED OPTIONS -	105	97.81	7.0%	76.43	36.9%	64	58	10.1%
GBP/USD WKLY WED OPTIONS -	26	57.38	-55.3%	18.19	41.1%	23	34	-32.7%
GBP/USD WKLY WED OPTIONS -	51	47.62	6.9%	71.38	-28.7%	50	32	53.0%
GBP/USD WKLY WED OPTIONS -	76	111.62	-32.3%	54.86	37.7%	59	60	-0.7%

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	ADV OCT 2022	ADV OCT 2021	% CHG	ADV SEP 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>FX Options</b>								
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-	3	12	-74.1%
JPY/USD MONDAY OPTION WEE	7	50.52	-85.6%	173.33	-95.8%	32	21	53.8%
JPY/USD MONDAY OPTION WEE	21	43.81	-52.4%	4.81	333.7%	40	29	38.3%
JPY/USD MONDAY OPTION WEE	7	10	-25.7%	2.1	254.5%	14	19	-23.5%
JPY/USD MONDAY OPTION WEE	303	32.05	846.8%	66.14	358.7%	75	20	268.2%
JPY/USD MONDAY OPTION WEE	34	0	-	0	-	5	13	-64.1%
JPY/USD MONTHLY OPTIONS	6,757	5,332.24	26.7%	5,651.95	19.5%	7,093	4,212	68.4%
JPY/USD WKLY FRIDAY OPTION	0	0.43	-100.0%	23.43	-100.0%	157	138	13.6%
JPY/USD WKLY FRIDAY OPTION	508	105.38	381.9%	205.67	146.9%	394	252	56.1%
JPY/USD WKLY FRIDAY OPTION	744	656.76	13.2%	492.57	51.0%	568	474	19.6%
JPY/USD WKLY FRIDAY OPTION	608	574.24	5.9%	642.76	-5.4%	545	445	22.5%
JPY/USD WKLY FRIDAY OPTION	0	521.86	-100.0%	449.67	-100.0%	185	176	5.7%
JPY/USD WKLY WED OPTIONS -	464	269.29	72.4%	248.86	86.6%	194	135	43.4%
JPY/USD WKLY WED OPTIONS -	279	268.62	3.8%	309.24	-9.8%	178	179	-0.1%
JPY/USD WKLY WED OPTIONS -	170	232.24	-26.8%	272.9	-37.7%	155	166	-7.0%
JPY/USD WKLY WED OPTIONS -	331	287	15.4%	382.71	-13.5%	223	153	46.3%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-	57	47	21.5%
MXN/USD MONTHLY OPTIONS	17	132.86	-87.3%	62.86	-73.3%	76	70	8.8%
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	0	-	0	-	0	3	-100.0%
NZD/USD MONTHLY OPTIONS	0	26.33	-98.2%	781.1	-99.9%	114	10	1051.5%
NZD/USD WKLY FRIDAY OPTION	0	2.62	-100.0%	0	-	0	0	-100.0%
RUB/USD MONTHLY OPTIONS	0	0	-	0	-	0	0	-100.0%
<b>Foreign Exchange Futures</b>								
CHILEAN PESO	0	0	-	0	-	0	0	-
<b>Foreign Exchange Options</b>								
AUD/USD WKLY WED OPTIONS -	5	8.24	-41.6%	8.19	-41.3%	16	22	-26.2%

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	ADV OCT 2022	ADV OCT 2021	% CHG	ADV SEP 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Ag Products Futures</b>								
BLOCK CHEESE	16	30.71	-49.5%	9.9	56.7%	16	38	-56.5%
BUTTER CS	196	175.9	11.5%	139.52	40.5%	204	197	3.9%
CASH-SETTLED CHEESE	435	526.57	-17.4%	397.43	9.5%	473	562	-16.0%
CAT ASIA WEATHER	0	0	-	0	-	0	6	-100.0%
CATTLE	50,075	42,326	18.3%	63,313.67	-20.9%	57,616	56,047	2.8%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	2	-100.0%
CDD SEASONAL STRIP	0	0	-	0	-	35	30	17.9%
CDD WEATHER	0	0	-	0	-	113	45	153.6%
CLASS IV MILK	69	201.62	-65.9%	102.24	-32.8%	124	67	85.8%
DRY WHEY	24	63.57	-62.8%	57.57	-58.9%	48	95	-49.3%
FEEDER CATTLE	14,632	12,078.43	21.1%	16,160.05	-9.5%	13,523	12,420	8.9%
GOLDMAN SACHS	151	188.81	-19.8%	205.76	-26.5%	189	421	-55.2%
GSCI EXCESS RETURN FUT	43	58.14	-26.4%	4,873.43	-99.1%	1,940	1,786	8.6%
HDD EURO SEASONAL STRIP	48	0	-	11.9	300.0%	16	0	-
HDD SEASONAL STRIP	7	7.14	0.0%	130.95	-94.5%	19	2	680.0%
HDD WEATHER	350	380.95	-8.1%	32.14	988.9%	81	99	-17.6%
HDD WEATHER EUROPEAN	188	107.14	75.6%	0	-	37	33	14.2%
HOGS	42,769	35,650.86	20.0%	50,079.9	-14.6%	46,209	46,364	-0.3%
HOUSING INDEX	1	0.48	50.0%	0.33	114.3%	1	1	18.2%
LUMBER	596	377.86	57.8%	493	20.9%	432	473	-8.8%
MALAYSIAN PALM SWAP	0	182.86	-100.0%	0	-	0	421	-100.0%
MILK	1,033	1,448.29	-28.7%	1,231.86	-16.2%	1,373	1,174	16.9%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	284	297.05	-4.4%	164	73.1%	275	266	3.3%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	5	-100.0%
PORK CUTOUT	77	46	66.4%	57.43	33.3%	102	116	-11.5%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	0	29	-100.0%
USD CRUDE PALM OIL	762	1,095.9	-30.4%	1,036.1	-26.4%	1,051	365	188.1%

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	ADV OCT 2022	ADV OCT 2021	% CHG	ADV SEP 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Ag Products Options</b>								
BLOCK CHEESE	0	2	-85.7%	0.95	-70.0%	12	15	-19.6%
BUTTER CS	93	111.38	-16.1%	59.52	57.0%	76	96	-20.4%
CASH-SETTLED CHEESE	302	216.1	39.6%	182.33	65.4%	342	307	11.5%
CATTLE	9,146	7,942.19	15.2%	11,055.14	-17.3%	10,262	9,060	13.3%
CDD SEASONAL STRIP	0	0	-	0	-	98	40	142.6%
CDD WEATHER	0	0	-	0	-	5	30	-82.4%
CLASS IV MILK	312	379.62	-17.7%	594.19	-47.4%	357	189	89.1%
DRY WHEY	0	0.57	-58.3%	0	-	15	8	84.0%
FEEDER CATTLE	1,834	1,087.48	68.6%	1,776	3.2%	1,734	1,034	67.7%
HDD EURO SEASONAL STRIP	95	23.81	300.0%	23.81	300.0%	32	10	237.5%
HDD SEASONAL STRIP	71	119.05	-40.0%	71.43	0.0%	19	138	-86.2%
HDD WEATHER	24	47.62	-50.0%	0	-	61	35	76.6%
HDD WEATHER EUROPEAN	48	190.48	-75.0%	0	-	10	106	-91.0%
HOGS	10,822	7,828.95	38.2%	11,563.86	-6.4%	11,072	9,832	12.6%
LUMBER	18	18.05	0.3%	9.67	87.2%	20	34	-42.2%
MILK	1,121	1,493.76	-24.9%	1,398.29	-19.8%	1,142	1,250	-8.6%
MLK MID OPTIONS	0	0.05	-100.0%	0	-	0	0	181.4%
NFD MILK	306	141.67	116.3%	139.1	120.3%	214	194	10.0%
PORK CUTOUT	0	0.05	-100.0%	0	-	0	4	-95.3%
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	2,829,431	3,457,196.52	-18.2%	3,920,795.33	-27.8%	3,452,595	2,557,668	35.0%
Equity Index Futures	6,660,210	4,126,903.62	61.4%	7,535,264.38	-11.6%	6,176,843	4,353,662	41.9%
FX Futures	982,525	679,790.52	44.5%	1,409,870.33	-30.3%	944,012	753,438	25.3%
Foreign Exchange Futures	0	0	-	0	-	0	0	-
Ag Products Futures	111,754	95,244.29	17.3%	138,497.19	-19.3%	123,878	121,063	2.3%
<b>TOTAL FUTURES</b>	<b>10,583,919</b>	<b>8,359,134.95</b>	<b>26.6%</b>	<b>13,004,427.24</b>	<b>-18.6%</b>	<b>10,697,328.11</b>	<b>7,785,830.22</b>	<b>37.4%</b>
<b>TOTAL OPTIONS GROUP</b>								
Interest Rate Options	1,491,478	1,457,134.71	2.4%	1,487,835.05	0.2%	1,258,074	1,033,351	21.7%
Equity Index Options	1,467,732	910,915.86	61.1%	1,472,179.38	-0.3%	1,215,136	704,112	72.6%
FX Options	43,797	40,954.38	6.9%	52,843.05	-17.1%	43,290	36,962	17.1%
Foreign Exchange Options	5	8.24	-41.6%	8.19	-41.3%	16	22	-26.2%
Ag Products Options	24,194	19,602.81	23.4%	26,874.29	-10.0%	25,473	22,382	13.8%
<b>TOTAL OPTIONS</b>	<b>3,027,206</b>	<b>2,428,616</b>	<b>24.6%</b>	<b>3,039,739.95</b>	<b>-0.4%</b>	<b>2,541,988.2</b>	<b>1,796,829.55</b>	<b>41.5%</b>
<b>TOTAL COMBINED</b>								
Interest Rate	4,320,909	4,914,331.24	-12.1%	5,408,630.38	-20.1%	4,710,668	3,591,019	31.2%
Equity Index	8,127,942	5,037,819.48	61.3%	9,007,443.76	-9.8%	7,391,979	5,057,774	46.2%
FX	1,026,321	720,744.91	42.4%	1,462,713.38	-29.8%	987,302	790,400	24.9%
Foreign Exchange	5	8.24	-41.6%	8.19	-41.3%	16	22	-25.6%
Ag Products	135,947	114,847.09	18.4%	165,371.48	-17.8%	149,350	143,445	4.1%
<b>GRAND TOTAL</b>	<b>13,611,124</b>	<b>10,787,750.95</b>	<b>26.2%</b>	<b>16,044,167.19</b>	<b>-15.2%</b>	<b>13,239,316.31</b>	<b>9,582,659.77</b>	<b>38.2%</b>