

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
Interest Rate Futures								
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%
Interest Rate Options								
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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Equity Index Futures								
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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Equity Index Options								
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%
FX Futures								
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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FX Futures								
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%
FX Options								
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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FX Options								
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%

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 OCT 2022	ADV OCT 2021	% CHG	ADV SEP 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
FX Options								
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%
Foreign Exchange Futures								
CHILEAN PESO	0	0	-	0	-	0	0	-
Foreign Exchange Options								
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
Ag Products Futures								
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
Ag Products Options								
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 CUTOOT	0	0.05	-100.0%	0	-	0	4	-95.3%
TOTAL FUTURES GROUP								
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%
TOTAL FUTURES	10,583,919	8,359,134.95	26.6%	13,004,427.24	-18.6%	10,697,328.11	7,785,830.22	37.4%
TOTAL OPTIONS GROUP								
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%
TOTAL OPTIONS	3,027,206	2,428,616	24.6%	3,039,739.95	-0.4%	2,541,988.2	1,796,829.55	41.5%
TOTAL COMBINED								
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%
GRAND TOTAL	13,611,124	10,787,750.95	26.2%	16,044,167.19	-15.2%	13,239,316.31	9,582,659.77	38.2%