

**CME Exchange ADV Report - Monthly**

August 2022

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	ADV AUG 2022	ADV AUG 2021	% CHG	ADV JUL 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Interest Rate Futures</b>								
1-MONTH EURODOLLAR	0	0	-	230.35	-100.0%	430	0	-
BSBY 3-MONTH FUTURES	1,489	88.77	1577.4%	1,151.85	29.3%	2,946	12	25091.1%
EURODOLLARS	1,184,297	1,857,781.55	-36.3%	1,283,300.1	-7.7%	1,937,881	2,365,269	-18.1%
SOFR	1,942,041	125,023.82	1453.3%	1,779,103.1	9.2%	1,530,811	115,612	1224.1%
SONIA	0	1,689.36	-100.0%	2.85	-100.0%	8	4,541	-99.8%
TIIE	7	16.55	-60.6%	3.45	89.0%	5	3	83.5%
<b>Interest Rate Options</b>								
EURODOLLARS	317,825	120,536.36	163.7%	331,006.95	-4.0%	618,961	191,682	222.9%
EURO MIDCURVE	113,295	693,416.86	-83.7%	139,685.15	-18.9%	366,074	811,638	-54.9%
SOFR	398,519	2.277534956.0%		323,114.8	23.3%	167,436	50	335093.3%
SOFR MIDCURVE	119,777	0	-	62,902.9	90.4%	47,361	03181280.6%	

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<b>Equity Index Futures</b>								
BITCOIN	9,705	6,462.32	50.2%	12,321.5	-21.2%	10,093	10,330	-2.3%
E-mini FTSE China 50	3	9.59	-71.0%	8.85	-68.6%	41	2	1890.0%
E-MINI MIDCAP	10,919	8,750.95	24.8%	11,882.75	-8.1%	15,822	11,867	33.3%
E-MINI NASDAQ 100	609,672	476,400.82	28.0%	615,382.95	-0.9%	694,466	537,619	29.2%
E-MINI RUSSELL 1000	47	337.5	-86.2%	369.25	-87.3%	630	408	54.6%
E-MINI RUSSELL 1000 GROWTH	142	64.68	119.9%	106.7	33.3%	386	212	81.7%
E-MINI RUSSELL 1000 VALUE	281	154.95	81.6%	473.4	-40.6%	1,135	1,244	-8.8%
E-MINI RUSSELL 2000	182,541	167,349.55	9.1%	181,764	0.4%	237,745	195,088	21.9%
E-MINI S&P500	1,680,573	1,139,040.27	47.5%	1,707,540.35	-1.6%	1,900,575	1,547,833	22.8%
E-MINI S&P500 ESG	649	283.27	129.0%	511.75	26.8%	1,399	807	73.5%
ETHER	0	0	-	0	-	0	0	-
ETHER FUTURES	6,186	4,328	42.9%	7,920.45	-21.9%	6,168	2,577	139.4%
FT-SE 100	3	0	-	5.25	-50.3%	8	1	441.1%
FTSE Emerging	0	0	-	0	-	0	0	-100.0%
IBOVESPA INDEX	1	17.77	-92.7%	2.25	-42.0%	3	10	-71.0%
MICRO BITCOIN	8,826	13,436.14	-34.3%	12,917.4	-31.7%	16,570	10,321	60.6%
MICRO E-MINI NASDAQ 100	1,246,405	727,305	71.4%	1,343,246.95	-7.2%	1,503,493	924,354	62.7%
MICRO E-MINI RUSSELL 2000	83,767	125,310.36	-33.2%	96,658.7	-13.3%	140,585	148,693	-5.5%
MICRO E-MINI S&P500	1,138,967	615,800.18	85.0%	1,265,526	-10.0%	1,331,142	847,565	57.1%
MICRO ETHER	17,636	0	-	25,659.3	-31.3%	20,497	0	-
NASDAQ-100 VOLATILITY	4	0.27	1303.0%	32.35	-88.2%	110	0	29620.8%
NASDAQ BIOTECH SECTOR	4	17.55	-75.2%	3.25	33.8%	8	36	-77.5%
Nearby BTIC+	13	0	-	30	-56.5%	41	2	1806.8%
NIKKEI 225 (\$) STOCK	3,603	4,285.36	-15.9%	3,614.95	-0.3%	5,599	5,796	-3.4%
NIKKEI 225 (YEN) STOCK	25,159	22,872.95	10.0%	29,952.85	-16.0%	37,663	29,824	26.3%
PHLX SEMICONDUCTOR SECTO	1	0	-	0	-	0	0	-
S&P 500	1,344	3,347.32	-59.8%	1,708.2	-21.3%	3,337	5,620	-40.6%
S&P 500 ANNUAL DIVIDEND IND	1,854	1,316.91	40.8%	3,709.3	-50.0%	3,978	3,080	29.1%
S&P 500 QUARLY DIVIDEND IND	105	43.18	144.3%	362.8	-70.9%	202	97	108.3%
S&P BIOTECHNOLOGY SECTOR	252	0	-	0	-	35	0	-
S&P COMMUNICATION SERVICE	112	57.36	95.1%	86.2	29.8%	182	172	5.7%
S&P CONSUMER DISCRETIONAR	315	426.73	-26.3%	485	-35.2%	654	564	15.8%
S&P CONSUMER STAPLES SECT	971	1,258.86	-22.9%	565.2	71.7%	1,261	1,579	-20.1%
S&P ENERGY SECTOR	1,945	1,295.86	50.1%	2,227.85	-12.7%	3,175	2,266	40.1%
S&P FINANCIAL SECTOR	516	1,036.64	-50.2%	629.7	-18.0%	1,705	3,135	-45.6%
S&P HEALTH CARE SECTOR	497	1,154.73	-57.0%	751.6	-33.9%	1,278	925	38.2%
S&P INDUSTRIAL SECTOR	515	744.5	-30.9%	757.7	-32.1%	1,337	1,181	13.2%
S&P MATERIALS SECTOR	415	427.36	-3.0%	403.55	2.7%	724	637	13.6%
S&P OIL & GAS EXPLORATION A	136	0	-	0	-	19	0	-
S&P REAL ESTATE SECTOR	80	412.95	-80.6%	124.6	-35.8%	300	430	-30.1%
S&P REGIONAL BANKS SECTOR	12	0	-	0	-	2	0	-
S&P RETAIL SECTOR	78	0	-	0	-	11	0	-
S&P TECHNOLOGY SECTOR	523	356.23	46.7%	596.55	-12.4%	1,075	676	59.0%
S&P UTILITIES SECTOR	1,001	1,482.18	-32.5%	1,035.9	-3.4%	1,677	1,284	30.6%
S&P VALUE INDEX FUTURES	0	0	-	0	-	0	8	-100.0%
WATER INDEX FUTURES	1	3.05	-64.3%	0.55	97.6%	4	6	-36.0%
YEN DENOMINATED TOPIX	111	176.05	-36.8%	4.35	2456.7%	109	82	32.7%

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<b>Equity Index Options</b>								
BITCOIN OPTIONS	137	46.91	191.4%	127.5	7.2%	127	66	91.3%
E-MINI NASDAQ 100	38,890	27,943.77	39.2%	43,734.8	-11.1%	47,141	26,248	79.6%
E-mini Russell 2000	3,446	5,097.73	-32.4%	3,995.15	-13.8%	5,175	4,251	21.7%
E-MINI RUSSELL 2000	1,359	1,522.27	-10.7%	671.75	102.3%	1,549	1,364	13.6%
E-mini S&P 500	455,626	309,848.36	47.0%	477,243	-4.5%	555,736	325,298	70.8%
E-MINI S&P500	519,944	276,541.09	88.0%	465,605.1	11.7%	525,824	274,848	91.3%
EOM S&P 500	0	145.45	-100.0%	0	-	0	114	-100.0%
MICRO BITCOIN	601	0	-	715	-15.9%	330	0	-
Micro E-mini Nasdaq-100	1,443	1,318.59	9.4%	1,477.4	-2.3%	2,128	1,239	71.7%
MICRO E-MINI NASDAQ 100	438	301.5	45.3%	277.35	57.9%	584	255	128.8%
Micro E-mini S&P 500	8,424	6,612.95	27.4%	8,836.9	-4.7%	11,148	6,726	65.7%
MICRO ETHER	5,035	0	-	2,279.1	120.9%	1,308	0	-
S&P 500	0	6,588.14	-100.0%	0	-	0	7,187	-100.0%
<b>FX Futures</b>								
AD/CD CROSS RATES	1	0.91	-18.7%	1.05	-29.6%	3	1	176.5%
AD/JY CROSS RATES	122	92.91	30.8%	147.2	-17.4%	229	111	107.1%
AD/NE CROSS RATES	106	32.59	224.0%	97.2	8.7%	188	13	1338.9%
AUSTRALIAN DOLLAR	87,592	75,013.32	16.8%	99,184.05	-11.7%	97,935	97,916	0.0%
BP/JY CROSS RATES	121	110.23	10.1%	117.2	3.5%	209	130	61.3%
BP/SF CROSS RATES	83	45.59	81.1%	46.8	76.4%	104	44	137.0%
BRAZIL REAL	12,112	12,866.77	-5.9%	11,970.65	1.2%	15,599	12,619	23.6%
BRITISH POUND	105,525	72,241.59	46.1%	113,991.5	-7.4%	113,030	92,473	22.2%
CANADIAN DOLLAR	77,300	68,333.95	13.1%	94,174.2	-17.9%	85,901	78,376	9.6%
CD/JY CROSS RATES	0	11.5	-98.9%	0.2	-34.8%	4	11	-67.2%
CHINESE RENMINBI (CNH)	1,079	707.45	52.6%	989.35	9.1%	1,221	779	56.7%
CZECK KORUNA (EC)	0	0	-	0.05	-100.0%	0	0	412.5%
CZECK KORUNA (US)	3	0	-	0	-	0	0	1502.3%
EC/AD CROSS RATES	176	108.05	63.3%	153.75	14.8%	244	225	8.2%
EC/CD CROSS RATES	187	119.95	55.8%	354	-47.2%	385	297	29.6%
EC/NOK CROSS RATES	69	9.23	651.6%	88.1	-21.3%	72	35	104.6%
EC/SEK CROSS RATES	284	4.59	6085.2%	405.4	-30.0%	166	27	503.8%
EFX/BP CROSS RATES	2,719	1,361.27	99.8%	3,483.6	-21.9%	4,242	2,448	73.3%
EFX/JY CROSS RATES	1,235	776.41	59.1%	2,001.3	-38.3%	2,710	1,789	51.5%
EFX/SF CROSS RATES	973	723.41	34.5%	1,187	-18.0%	1,984	1,054	88.2%
E-MICRO USD/CAD	2	4.55	-52.2%	4.65	-53.2%	10	2	588.5%
E-MICRO USD/CHF	1	0.77	85.7%	2.1	-31.7%	4	0	2120.1%
E-MICRO USD/JPY	105	0.41	25523.6%	2,196.2	-95.2%	888	0	1647928.6%
E-MINI EURO FX	7,367	3,471.36	112.2%	8,503.6	-13.4%	6,859	5,942	15.4%
E-MINI JAPANESE YEN	767	414.32	85.2%	520.5	47.4%	498	431	15.6%
EURO FX	218,188	132,064.5	65.2%	239,919.15	-9.1%	227,222	189,381	20.0%
HUNGARIAN FORINT (EC)	0	0.36	-100.0%	0	-	0	0	77.7%
HUNGARIAN FORINT (US)	0	0.5	-82.6%	0.05	74.0%	0	1	-72.3%
INDIAN RUPEE	1,362	463.77	193.7%	1,633.45	-16.6%	1,114	668	66.9%
JAPANESE YEN	159,654	89,040.73	79.3%	154,046.85	3.6%	145,485	102,281	42.2%
KOREAN WON	11	55.82	-79.6%	14.4	-20.9%	26	95	-72.4%
MEXICAN PESO	45,862	44,083.73	4.0%	52,466.6	-12.6%	53,830	51,932	3.7%

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<b>FX Futures</b>								
MICRO AUD/USD	10,499	7,553.64	39.0%	10,722.1	-2.1%	12,441	10,094	23.3%
MICRO CAD/USD	2,168	2,729.14	-20.6%	2,809.9	-22.8%	2,744	2,617	4.9%
MICRO CHF/USD	768	320.18	139.8%	1,275.95	-39.8%	790	418	88.9%
MICRO EUR/USD	36,259	17,220.68	110.6%	46,141.45	-21.4%	35,780	23,452	52.6%
MICRO GBP/USD	4,800	2,938.32	63.4%	5,561.5	-13.7%	4,704	3,459	36.0%
MICRO INR/USD	19	51.36	-63.3%	25.65	-26.6%	35	89	-60.6%
MICRO JPY/USD	0	1,444.73	-100.0%	0	-	609	1,560	-61.0%
MICRO USD/CNH	0	0	-	0	-	0	0	-94.4%
NEW ZEALND DOLLAR	29,414	27,901.55	5.4%	28,507.25	3.2%	29,222	28,757	1.6%
NKR/USD CROSS RATE	137	169.36	-19.2%	82.7	65.6%	154	274	-44.0%
POLISH ZLOTY (EC)	1	1.45	-46.2%	0.65	20.4%	6	6	4.1%
POLISH ZLOTY (US)	23	16.5	38.1%	56.1	-59.4%	65	40	60.7%
RMB USD	0	0.05	282.2%	0.25	-30.4%	0	0	532.2%
RUSSIAN RUBLE	3	4,679.23	-99.9%	5.4	-37.2%	3,517	4,748	-25.9%
S.AFRICAN RAND	3,123	2,997.18	4.2%	5,099.4	-38.8%	4,581	2,687	70.5%
SF/JY CROSS RATES	15	1.73	755.8%	42.15	-64.9%	41	3	1499.3%
SHEKEL	0	0.05	855.6%	0.9	-51.7%	1	0	575.1%
SKR/USD CROSS RATES	202	298.77	-32.4%	202.65	-0.3%	352	266	32.3%
SWISS FRANC	23,696	19,884.77	19.2%	27,502.7	-13.8%	25,382	22,899	10.8%
TURKISH LIRA	0	4.32	-100.0%	1.7	-100.0%	2	4	-58.5%
USDZAR	0	0.18	-100.0%	0	-	0	0	-51.6%
<b>FX Options</b>								
AUD/USD MONDAY OPTION WEE	0	0.18	-76.1%	1.45	-97.0%	10	17	-39.9%
AUD/USD MONDAY OPTION WEE	4	13.64	-68.4%	1.9	126.5%	19	18	8.9%
AUD/USD MONDAY OPTION WEE	9	11.32	-20.1%	0.4	2160.9%	13	21	-35.9%
AUD/USD MONDAY OPTION WEE	4	26.64	-86.0%	24.4	-84.7%	17	22	-20.1%
AUD/USD MONDAY OPTION WEE	19	61.23	-68.8%	0	-	7	8	-11.1%
AUD/USD MONTHLY OPTIONS	2,652	4,456.5	-40.5%	3,247.9	-18.3%	4,205	3,884	8.3%
AUD/USD WKLY FRIDAY OPTION	73	10.64	586.7%	1.65	4326.9%	32	25	25.3%
AUD/USD WKLY FRIDAY OPTION	30	111.64	-73.2%	32.3	-7.3%	77	79	-2.3%
AUD/USD WKLY FRIDAY OPTION	71	94.18	-25.1%	130.9	-46.1%	114	125	-8.3%
AUD/USD WKLY FRIDAY OPTION	95	89.32	6.2%	70.85	33.8%	88	136	-35.3%
AUD/USD WKLY FRIDAY OPTION	13	0	-	97.6	-86.3%	29	29	-0.6%
AUD/USD WKLY WED OPTIONS -	6	61.82	-90.8%	1.75	225.5%	35	57	-39.0%
AUD/USD WKLY WED OPTIONS -	21	30.36	-30.8%	14.2	47.9%	24	36	-34.1%
AUD/USD WKLY WED OPTIONS -	2	2.68	-10.8%	5.55	-56.9%	12	16	-25.4%
AUD/USD WKLY WED OPTIONS -	15	8.86	70.2%	23.7	-36.3%	27	45	-40.3%
AUD/USD WKLY WED OPTIONS -	14	0	-	0	-	3	8	-58.9%
BRL/USD MONTHLY OPTIONS	16	15.09	5.2%	14.3	11.0%	16	16	5.7%
CAD/USD MONDAY OPTIONS WE	0	0	-	9.7	-100.0%	8	36	-78.4%
CAD/USD MONDAY OPTIONS WE	47	50.82	-7.8%	35.75	31.1%	57	63	-9.2%
CAD/USD MONDAY OPTIONS WE	73	39	87.6%	59.9	22.2%	46	23	97.6%
CAD/USD MONDAY OPTIONS WE	39	181.36	-78.4%	15.9	145.8%	37	85	-56.3%
CAD/USD MONDAY OPTIONS WE	12	115.23	-89.5%	0	-	9	19	-51.2%
CAD/USD MONTHLY OPTIONS	3,730	5,409.55	-31.1%	3,942.8	-5.4%	4,505	3,479	29.5%
CAD/USD WKLY FRIDAY OPTION	184	1.45	12583.3%	0.7	26254.0%	75	90	-16.6%
CAD/USD WKLY FRIDAY OPTION	153	297.68	-48.8%	98.55	54.8%	173	222	-22.1%

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<b>FX Options</b>								
CAD/USD WKLY FRIDAY OPTION	235	380.18	-38.1%	380.85	-38.2%	285	332	-14.3%
CAD/USD WKLY FRIDAY OPTION	108	568.09	-81.0%	110.35	-1.9%	228	372	-38.8%
CAD/USD WKLY FRIDAY OPTION	0	0	-	277.05	-100.0%	61	93	-34.9%
CAD/USD WKLY WED OPTIONS -	78	160.91	-51.5%	18.5	321.9%	48	77	-37.6%
CAD/USD WKLY WED OPTIONS -	97	159.59	-39.2%	99.5	-2.6%	65	93	-30.5%
CAD/USD WKLY WED OPTIONS -	70	66.5	5.1%	44.35	57.6%	70	80	-11.5%
CAD/USD WKLY WED OPTIONS -	18	53.59	-67.0%	59.55	-70.3%	81	75	8.2%
CAD/USD WKLY WED OPTIONS -	16	0	-	0	-	27	19	38.0%
CHF/USD MONTHLY OPTIONS	122	219.77	-44.7%	211.4	-42.5%	242	225	7.2%
CHF/USD WKLY FRIDAY OPTION	18	3.77	377.1%	0.1	17900.0%	6	2	228.6%
CHF/USD WKLY FRIDAY OPTION	1	19	-93.6%	0.05	2334.8%	5	13	-60.6%
CHF/USD WKLY FRIDAY OPTION	5	5.91	-23.5%	19.65	-77.0%	6	9	-37.6%
CHF/USD WKLY FRIDAY OPTION	1	1.64	-22.9%	2.35	-46.3%	6	14	-56.0%
CHF/USD WKLY FRIDAY OPTION	0	0	-	3.4	-98.7%	0	1	-65.1%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	22	0	-
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
EUR/USD MONDAY OPTION WEE	27	3.91	584.0%	59.2	-54.8%	72	101	-28.8%
EUR/USD MONDAY OPTION WEE	72	62.95	13.9%	42.75	67.7%	127	78	63.0%
EUR/USD MONDAY OPTION WEE	5	159.91	-96.6%	81.7	-93.4%	45	70	-35.7%
EUR/USD MONDAY OPTION WEE	20	76.45	-73.4%	70.85	-71.3%	143	125	14.8%
EUR/USD MONDAY OPTION WEE	61	198.09	-69.3%	0	-	25	36	-28.4%
EUR/USD MONTHLY OPTIONS	9,040	8,319.86	8.7%	15,218.5	-40.6%	11,922	9,963	19.7%
EUR/USD WKLY FRIDAY OPTION	486	6.95	6883.9%	16.05	2926.1%	303	190	59.5%
EUR/USD WKLY FRIDAY OPTION	394	699.82	-43.7%	231	70.5%	710	659	7.9%
EUR/USD WKLY FRIDAY OPTION	779	839.05	-7.2%	670.95	16.1%	796	952	-16.4%
EUR/USD WKLY FRIDAY OPTION	721	755.14	-4.5%	783.95	-8.0%	951	868	9.6%
EUR/USD WKLY FRIDAY OPTION	1	0	-	1,128.1	-99.9%	261	349	-25.1%
EUR/USD WKLY WED OPTIONS -	180	290.45	-38.0%	337.75	-46.7%	281	326	-13.8%
EUR/USD WKLY WED OPTIONS -	234	275.45	-15.0%	378.95	-38.2%	249	364	-31.5%
EUR/USD WKLY WED OPTIONS -	206	318.45	-35.3%	231.6	-11.1%	257	359	-28.3%
EUR/USD WKLY WED OPTIONS -	308	368.32	-16.4%	360.75	-14.7%	307	438	-29.7%
EUR/USD WKLY WED OPTIONS -	354	0	-	0	-	128	76	69.7%
GBP/USD MONDAY OPTION WEE	0	0	-	57.05	-99.9%	25	19	32.3%
GBP/USD MONDAY OPTION WEE	67	26.68	150.6%	31	115.7%	53	38	41.3%
GBP/USD MONDAY OPTION WEE	4	8.18	-52.7%	4.1	-5.6%	13	11	15.1%
GBP/USD MONDAY OPTION WEE	6	67.41	-91.0%	42.4	-85.7%	24	28	-15.5%
GBP/USD MONDAY OPTION WEE	49	11.55	321.4%	0	-	9	15	-39.7%
GBP/USD MONTHLY OPTIONS	3,578	2,608.05	37.2%	3,969.5	-9.9%	3,694	3,507	5.3%
GBP/USD WKLY FRIDAY OPTION	152	3.18	4675.8%	0.75	20160.9%	53	49	9.2%
GBP/USD WKLY FRIDAY OPTION	146	170.86	-14.7%	102.75	41.9%	121	122	-1.0%
GBP/USD WKLY FRIDAY OPTION	118	101.86	15.7%	130.75	-9.9%	163	149	9.4%
GBP/USD WKLY FRIDAY OPTION	110	66.32	65.4%	63.95	71.5%	130	171	-23.8%
GBP/USD WKLY FRIDAY OPTION	32	0	-	72.9	-56.7%	49	49	-0.1%
GBP/USD WKLY WED OPTIONS -	18	29.59	-38.4%	69.45	-73.8%	58	59	-2.7%
GBP/USD WKLY WED OPTIONS -	17	4.91	255.2%	24.15	-27.8%	23	34	-31.0%
GBP/USD WKLY WED OPTIONS -	4	36.77	-88.4%	12.2	-65.1%	47	34	39.2%
GBP/USD WKLY WED OPTIONS -	42	23.73	75.7%	94.05	-55.7%	58	53	9.2%
GBP/USD WKLY WED OPTIONS -	8	0	-	0	-	4	11	-64.8%
JPY/USD MONDAY OPTION WEE	0	0	-	38.35	-99.5%	17	19	-6.3%

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	ADV AUG 2022	ADV AUG 2021	% CHG	ADV JUL 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>FX Options</b>								
JPY/USD MONDAY OPTION WEE	56	62.55	-9.9%	34.4	63.8%	47	26	81.3%
JPY/USD MONDAY OPTION WEE	34	39.95	-15.6%	17.6	91.7%	17	21	-20.3%
JPY/USD MONDAY OPTION WEE	37	16.77	121.1%	50.25	-26.2%	48	11	318.1%
JPY/USD MONDAY OPTION WEE	9	108.36	-92.1%	0	-	1	16	-90.8%
JPY/USD MONTHLY OPTIONS	4,180	3,511.32	19.0%	7,248.2	-42.3%	7,317	4,054	80.5%
JPY/USD WKLY FRIDAY OPTION	321	0.45	70498.4%	0.8	40008.7%	194	129	50.3%
JPY/USD WKLY FRIDAY OPTION	366	375.32	-2.5%	155.95	134.6%	403	267	50.9%
JPY/USD WKLY FRIDAY OPTION	388	336.32	15.5%	570.8	-31.9%	555	456	21.6%
JPY/USD WKLY FRIDAY OPTION	421	566.09	-25.7%	669.7	-37.2%	524	423	24.1%
JPY/USD WKLY FRIDAY OPTION	5	0	-	624.55	-99.1%	176	150	17.3%
JPY/USD WKLY WED OPTIONS -	89	123.14	-27.8%	204.7	-56.6%	153	120	28.0%
JPY/USD WKLY WED OPTIONS -	132	144.82	-8.7%	209.55	-36.9%	149	166	-10.2%
JPY/USD WKLY WED OPTIONS -	192	136.45	40.6%	188.3	1.9%	138	170	-18.8%
JPY/USD WKLY WED OPTIONS -	110	151.64	-27.5%	351.85	-68.8%	190	137	38.4%
JPY/USD WKLY WED OPTIONS -	193	0	-	0	-	72	45	59.2%
MXN/USD MONTHLY OPTIONS	294	41.95	601.3%	4.45	6511.6%	85	47	78.9%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	4	-97.2%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	3	-100.0%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	2	-100.0%
NZD/USD MONTHLY OPTIONS	7	1.91	271.2%	0.15	4624.7%	44	9	394.9%
NZD/USD WKLY FRIDAY OPTION	0	0.55	-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 -	6	12.59	-55.5%	2.35	138.7%	18	26	-28.7%

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	ADV AUG 2022	ADV AUG 2021	% CHG	ADV JUL 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Ag Products Futures</b>								
BLOCK CHEESE	11	34.23	-68.5%	21.6	-50.1%	17	42	-59.0%
BUTTER CS	173	157.82	9.4%	201.4	-14.3%	214	204	4.6%
CASH-SETTLED CHEESE	384	504.55	-23.8%	527.35	-27.1%	487	576	-15.5%
CAT ASIA WEATHER	0	0	-	0	-	0	7	-100.0%
CATTLE	45,004	50,720.23	-11.3%	57,319.2	-21.5%	57,848	56,635	2.1%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	3	-100.0%
CDD SEASONAL STRIP	4	0	-	0	-	44	38	17.9%
CDD WEATHER	0	38.64	-100.0%	75	-100.0%	142	55	156.4%
CLASS IV MILK	108	76.73	40.1%	216.75	-50.4%	134	46	193.6%
DRY WHEY	32	42.41	-23.6%	43.25	-25.1%	50	104	-51.9%
FEEDER CATTLE	13,852	14,294.05	-3.1%	14,826.9	-6.6%	13,052	11,973	9.0%
GOLDMAN SACHS	207	187.09	10.7%	197.75	4.7%	191	480	-60.2%
GSCI EXCESS RETURN FUT	198	73.5	169.4%	536.15	-63.1%	1,810	1,568	15.5%
HDD EURO SEASONAL STRIP	38	0	-	62.5	-39.1%	13	0	-
HDD SEASONAL STRIP	43	0	-	0	-	6	0	-
HDD WEATHER	43	6.82	537.7%	0	-	54	69	-21.7%
HDD WEATHER EUROPEAN	0	0	-	0	-	23	28	-15.8%
HOGS	38,145	35,732.73	6.7%	48,579.45	-21.5%	46,154	46,957	-1.7%
HOUSING INDEX	1	0.91	-23.5%	0.35	98.8%	1	1	39.6%
LUMBER	520	385	35.1%	319.75	62.7%	403	508	-20.6%
MALAYSIAN PALM SWAP	0	104.55	-100.0%	0	-	0	477	-100.0%
MILK	1,213	1,166.91	4.0%	1,432.4	-15.3%	1,433	1,154	24.2%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	225	200.23	12.3%	250.6	-10.3%	288	270	6.6%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	0	-
PORK CUTOUT	58	44.32	31.8%	88.05	-33.7%	111	130	-14.8%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	0	24	-100.0%
USD CRUDE PALM OIL	956	196.23	387.1%	1,116.85	-14.4%	1,089	237	359.6%

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	ADV AUG 2022	ADV AUG 2021	% CHG	ADV JUL 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Ag Products Options</b>								
BLOCK CHEESE	1	10.77	-87.1%	4.3	-67.6%	15	15	-2.3%
BUTTER CS	92	19.23	379.2%	72.15	27.7%	76	99	-23.1%
CASH-SETTLED CHEESE	356	174.14	104.5%	341	4.4%	368	348	5.6%
CATTLE	10,293	8,556.18	20.3%	8,323.7	23.7%	10,302	8,990	14.6%
CDD SEASONAL STRIP	0	0	-	0	-	123	51	142.6%
CDD WEATHER	0	45.45	-100.0%	0	-	7	37	-82.4%
CLASS IV MILK	469	140.64	233.5%	310.55	51.0%	333	155	114.7%
DRY WHEY	8	3.14	155.1%	19.6	-59.2%	19	10	95.2%
FEEDER CATTLE	1,835	956.32	91.9%	1,856.15	-1.2%	1,716	1,021	68.0%
HDD EURO SEASONAL STRIP	76	22.73	234.8%	125	-39.1%	25	3	750.0%
HDD SEASONAL STRIP	43	272.73	-84.1%	0	-	6	66	-90.9%
HDD WEATHER	326	0	-	0	-	74	37	96.8%
HDD WEATHER EUROPEAN	0	0	-	0	-	6	7	-20.0%
HOGS	10,642	8,820.95	20.6%	10,694.5	-0.5%	11,042	9,727	13.5%
LUMBER	16	19.55	-17.0%	14.55	11.5%	21	37	-43.2%
MILK	1,419	948.09	49.7%	1,976.95	-28.2%	1,113	1,234	-9.8%
MLK MID OPTIONS	0	0	-	0	-	0	0	309.0%
NFD MILK	203	83.59	143.0%	180.9	12.3%	212	210	0.5%
PORK CUTOUT	0	0.05	-100.0%	0	-	0	4	-95.3%
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	3,127,833	1,984,600.05	57.6%	3,063,791.7	2.1%	3,472,081	2,485,436	39.7%
Equity Index Futures	5,035,889	3,325,767.41	51.4%	5,329,380.25	-5.5%	5,945,241	4,296,329	38.4%
FX Futures	834,134	590,373.73	41.3%	915,738.55	-8.9%	880,588	740,453	18.9%
Foreign Exchange Futures	0	0	-	0	-	0	0	-
Ag Products Futures	101,216	103,966.91	-2.6%	125,815.3	-19.6%	123,564	121,586	1.6%
<b>TOTAL FUTURES</b>	<b>9,099,072</b>	<b>6,004,708.09</b>	<b>51.5%</b>	<b>9,434,725.8</b>	<b>-3.6%</b>	<b>10,421,474.9</b>	<b>7,643,803.36</b>	<b>36.3%</b>
<b>TOTAL OPTIONS GROUP</b>								
Interest Rate Options	949,416	813,955.5	16.6%	856,709.8	10.8%	1,199,831	1,003,371	19.6%
Equity Index Options	1,035,343	635,966.77	62.8%	1,004,963.05	3.0%	1,151,049	647,597	77.7%
FX Options	32,123	33,879.64	-5.2%	43,715.95	-26.5%	42,025	35,542	18.2%
Foreign Exchange Options	6	12.59	-55.5%	2.35	138.7%	18	26	-28.7%
Ag Products Options	25,780	20,073.55	28.4%	23,919.35	7.8%	25,457	22,053	15.4%
<b>TOTAL OPTIONS</b>	<b>2,042,668</b>	<b>1,503,888.04</b>	<b>35.8%</b>	<b>1,929,310.5</b>	<b>5.9%</b>	<b>2,418,381.32</b>	<b>1,708,587.91</b>	<b>41.5%</b>
<b>TOTAL COMBINED</b>								
Interest Rate	4,077,250	2,798,555.55	45.7%	3,920,501.5	4.0%	4,671,912	3,488,806	33.9%
Equity Index	6,071,232	3,961,734.18	53.2%	6,334,343.3	-4.2%	7,096,291	4,943,926	43.5%
FX	866,257	624,253.36	38.8%	959,454.5	-9.7%	922,613	775,995	18.9%
Foreign Exchange	6	12.59	-55.5%	2.35	138.7%	19	26	-28.1%
Ag Products	126,996	124,040.46	2.4%	149,734.65	-15.2%	149,021	143,638	3.7%
<b>GRAND TOTAL</b>	<b>11,141,740</b>	<b>7,508,596.14</b>	<b>48.4%</b>	<b>11,364,036.3</b>	<b>-2.0%</b>	<b>12,839,856.22</b>	<b>9,352,391.27</b>	<b>37.3%</b>