

CME Group Exchange ADV Report - Monthly

July 2022

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	ADV JUL 2022	ADV JUL 2021	% CHG	ADV JUN 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
FX Futures								
AD/CD CROSS RATES	1	0.57	83.8%	5.24	-80.0%	3	1	204.8%
AD/JY CROSS RATES	147	105	40.2%	206.38	-28.7%	246	113	117.4%
AD/NE CROSS RATES	97	17.57	453.2%	744.33	-86.9%	201	10	1890.7%
AUSTRALIAN DOLLAR	99,184	81,862.24	21.2%	117,816.19	-15.8%	99,587	101,391	-1.8%
BP/JY CROSS RATES	117	139.81	-16.2%	391.9	-70.1%	223	132	68.2%
BP/SF CROSS RATES	47	29.9	56.5%	180.38	-74.1%	108	44	146.2%
BRAZIL REAL	11,971	13,877.9	-13.7%	15,574.57	-23.1%	16,156	12,581	28.4%
BRITISH POUND	113,992	99,925.33	14.1%	140,466.29	-18.8%	114,229	95,543	19.6%
CANADIAN DOLLAR	94,174	80,306.95	17.3%	110,675.38	-14.9%	87,275	79,899	9.2%
CD/JY CROSS RATES	0	35	-99.4%	0.67	-70.0%	4	11	-61.9%
CHINESE RENMINBI (CNH)	989	750.1	31.9%	1,408.81	-29.8%	1,243	790	57.4%
CZECK KORUNA (EC)	0	0.29	-82.5%	0.1	-47.5%	0	0	415.8%
CZECK KORUNA (US)	0	0	-	0.14	-100.0%	0	0	262.3%
EC/AD CROSS RATES	154	124.05	23.9%	392.38	-60.8%	254	243	4.7%
EC/CD CROSS RATES	354	159.43	122.0%	815.86	-56.6%	416	324	28.6%
EC/NOK CROSS RATES	88	26.57	231.6%	78.62	12.1%	72	39	85.1%
EC/SEK CROSS RATES	405	7.52	5288.2%	143	183.5%	147	31	375.0%
EFX/BP CROSS RATES	3,484	1,631.24	113.6%	6,136	-43.2%	4,485	2,613	71.7%
EFX/JY CROSS RATES	2,001	1,591.76	25.7%	3,834.29	-47.8%	2,946	1,942	51.7%
EFX/SF CROSS RATES	1,187	841.76	41.0%	3,100.86	-61.7%	2,146	1,104	94.3%
E-MICRO USD/CAD	5	7.24	-35.8%	7.14	-34.9%	12	1	1016.2%
E-MICRO USD/CHF	2	0.57	267.5%	9.95	-78.9%	4	0	5024.5%
E-MICRO USD/JPY	2,196	0	-	2,842.95	-22.7%	1,013	0	-
E-MINI EURO FX	8,504	4,689.29	81.3%	7,607	11.8%	6,777	6,317	7.3%
E-MINI JAPANESE YEN	521	385.38	35.1%	667	-22.0%	455	433	5.0%
EURO FX	239,919	168,250.05	42.6%	290,999.57	-17.6%	228,665	198,078	15.4%
HUNGARIAN FORINT (EC)	0	0.24	-100.0%	0	-	0	0	222.0%
HUNGARIAN FORINT (US)	0	0.14	-65.0%	0.1	-47.5%	0	1	-71.2%
INDIAN RUPEE	1,633	590.57	176.6%	1,084.29	50.6%	1,075	699	53.8%
JAPANESE YEN	154,047	96,607.24	59.5%	189,402.71	-18.7%	143,222	104,290	37.3%
KOREAN WON	14	30.38	-52.6%	17.33	-16.9%	28	101	-71.7%
MEXICAN PESO	52,467	43,794.29	19.8%	83,964.67	-37.5%	55,103	53,123	3.7%
MICRO AUD/USD	10,722	8,245.38	30.0%	12,541.86	-14.5%	12,751	10,479	21.7%
MICRO CAD/USD	2,810	3,251.76	-13.6%	3,086.29	-9.0%	2,836	2,600	9.1%
MICRO CHF/USD	1,276	303.57	320.3%	1,276.76	-0.1%	794	433	83.2%
MICRO EUR/USD	46,141	23,824.24	93.7%	36,996.38	24.7%	35,704	24,397	46.3%
MICRO GBP/USD	5,562	4,097.67	35.7%	6,038.67	-7.9%	4,688	3,538	32.5%
MICRO INR/USD	26	67.95	-62.3%	39.1	-34.4%	37	94	-60.2%
MICRO JPY/USD	0	1,835.71	-100.0%	0	-	706	1,577	-55.2%
MICRO USD/CNH	0	0	-	0	-	0	0	-94.4%
NEW ZEALND DOLLAR	28,507	28,186.29	1.1%	34,918.52	-18.4%	29,191	28,887	1.1%
NKR/USD CROSS RATE	83	245.57	-66.3%	222.1	-62.8%	156	290	-46.2%
POLISH ZLOTY (EC)	1	1.9	-65.9%	15.43	-95.8%	7	7	6.4%
POLISH ZLOTY (US)	56	23.71	136.6%	92.33	-39.2%	72	44	62.8%
RMB USD	0	0	-	0.24	5.0%	0	0	655.1%
RUSSIAN RUBLE	5	3,952.62	-99.9%	30.67	-82.4%	4,078	4,759	-14.3%
S.AFRICAN RAND	5,099	1,844.29	176.5%	7,104.29	-28.2%	4,813	2,639	82.4%
SF/JY CROSS RATES	42	1.57	2582.3%	141.38	-70.2%	46	3	1579.0%
SHEKEL	1	0	-	1	-10.0%	1	0	558.2%

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FX Futures								
SKR/USD CROSS RATES	203	174.52	16.1%	609.81	-66.8%	376	261	43.9%
SWISS FRANC	27,503	22,526.48	22.1%	35,389.19	-22.3%	25,651	23,356	9.8%
TURKISH LIRA	2	6.38	-73.4%	6.71	-74.7%	2	4	-52.0%
USDZAR	0	0	-	0.19	-100.0%	0	0	-48.0%
FX Options								
AUD/USD MONDAY OPTION WEEK1	1	4.71	-69.2%	3.43	-57.7%	12	19	-39.5%
AUD/USD MONDAY OPTION WEEK2	2	39.95	-95.2%	16	-88.1%	21	18	18.4%
AUD/USD MONDAY OPTION WEEK3	0	14.19	-97.2%	4.67	-91.4%	14	22	-37.0%
AUD/USD MONDAY OPTION WEEK4	24	14.86	64.2%	6.1	300.3%	19	21	-6.8%
AUD/USD MONDAY OPTION WEEK5	0	0	-	0	-	5	0	3310.9%
AUD/USD MONTHLY OPTIONS	3,248	3,165.62	2.6%	3,868.38	-16.0%	4,453	3,797	17.3%
AUD/USD WKLY FRIDAY OPTIONS -	2	18.14	-90.9%	72.67	-97.7%	25	28	-8.7%
AUD/USD WKLY FRIDAY OPTIONS -	32	43.67	-26.0%	14.67	120.2%	84	74	14.5%
AUD/USD WKLY FRIDAY OPTIONS -	131	98.86	32.4%	71.57	82.9%	122	130	-6.2%
AUD/USD WKLY FRIDAY OPTIONS -	71	90.05	-21.3%	60.9	16.3%	87	143	-39.3%
AUD/USD WKLY FRIDAY OPTIONS -	98	70.05	39.3%	25.1	288.9%	31	33	-6.3%
AUD/USD WKLY WED OPTIONS - WK	2	41.81	-95.8%	21.48	-91.9%	40	57	-30.0%
AUD/USD WKLY WED OPTIONS - WK	14	50.33	-71.8%	19.52	-27.3%	24	37	-34.4%
AUD/USD WKLY WED OPTIONS - WK	6	11.24	-50.6%	40.14	-86.2%	14	18	-25.3%
AUD/USD WKLY WED OPTIONS - WK	24	47.19	-49.8%	33.48	-29.2%	29	51	-43.0%
AUD/USD WKLY WED OPTIONS - WK	0	0	-	2.29	-100.0%	2	10	-81.5%
BRL/USD MONTHLY OPTIONS	14	22.71	-37.0%	5.81	146.1%	16	16	5.8%
CAD/USD MONDAY OPTIONS WEEK1	10	76.67	-87.3%	4.52	114.4%	9	41	-78.2%
CAD/USD MONDAY OPTIONS WEEK2	36	127.52	-72.0%	55.95	-36.1%	59	65	-9.3%
CAD/USD MONDAY OPTIONS WEEK3	60	26.86	123.0%	16.62	260.4%	42	21	99.4%
CAD/USD MONDAY OPTIONS WEEK4	16	166.62	-90.5%	13.57	17.2%	37	70	-47.7%
CAD/USD MONDAY OPTIONS WEEK5	0	0	-	0	-	9	4	106.7%
CAD/USD MONTHLY OPTIONS	3,943	4,937.24	-20.1%	4,576.1	-13.8%	4,629	3,186	45.3%
CAD/USD WKLY FRIDAY OPTIONS -	1	42.33	-98.3%	100.24	-99.3%	57	103	-44.3%
CAD/USD WKLY FRIDAY OPTIONS -	99	185.19	-46.8%	134.57	-26.8%	177	211	-16.3%
CAD/USD WKLY FRIDAY OPTIONS -	381	446.05	-14.6%	318.86	19.4%	293	325	-9.9%
CAD/USD WKLY FRIDAY OPTIONS -	110	423.29	-73.9%	272.9	-59.6%	247	343	-27.9%
CAD/USD WKLY FRIDAY OPTIONS -	277	266.33	4.0%	15.38	1701.3%	70	107	-34.4%
CAD/USD WKLY WED OPTIONS - WK	19	153.24	-87.9%	22.67	-18.4%	43	64	-32.7%
CAD/USD WKLY WED OPTIONS - WK	100	195.05	-49.0%	36.1	175.7%	60	83	-28.3%
CAD/USD WKLY WED OPTIONS - WK	44	106.38	-58.3%	45.9	-3.4%	70	81	-13.5%
CAD/USD WKLY WED OPTIONS - WK	60	121.62	-51.0%	119.48	-50.2%	91	78	16.6%
CAD/USD WKLY WED OPTIONS - WK	0	0	-	55.9	-100.0%	29	22	27.8%
CHF/USD MONTHLY OPTIONS	211	177.14	19.3%	161.1	31.2%	261	226	15.3%
CHF/USD WKLY FRIDAY OPTIONS -	0	0.19	-47.5%	2.05	-95.1%	4	2	165.6%
CHF/USD WKLY FRIDAY OPTIONS -	0	10.81	-99.5%	2	-97.5%	6	12	-52.6%
CHF/USD WKLY FRIDAY OPTIONS -	20	8.86	121.9%	2.43	709.1%	6	10	-38.8%
CHF/USD WKLY FRIDAY OPTIONS -	2	3.1	-24.1%	6.76	-65.2%	7	16	-56.2%
CHF/USD WKLY FRIDAY OPTIONS -	3	7.9	-57.0%	0	-	1	2	-65.3%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	26	0	-
EUR/GBP WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-

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FX Options								
EUR/USD MONDAY OPTION WEEK1	59	422.62	-86.0%	10.14	483.7%	79	116	-31.6%
EUR/USD MONDAY OPTION WEEK2	43	33.29	28.4%	96.67	-55.8%	136	80	69.4%
EUR/USD MONDAY OPTION WEEK3	82	76.95	6.2%	8.76	832.4%	51	57	-9.0%
EUR/USD MONDAY OPTION WEEK4	71	238.43	-70.3%	39.81	78.0%	163	132	23.3%
EUR/USD MONDAY OPTION WEEK5	0	0	-	0	-	20	11	81.2%
EUR/USD MONTHLY OPTIONS	15,219	10,326.67	47.4%	10,381.9	46.6%	12,382	10,213	21.2%
EUR/USD WKLY FRIDAY OPTIONS -	16	75.43	-78.7%	577.43	-97.2%	273	217	25.7%
EUR/USD WKLY FRIDAY OPTIONS -	231	211.29	9.3%	974.24	-76.3%	761	652	16.6%
EUR/USD WKLY FRIDAY OPTIONS -	671	965.52	-30.5%	783.95	-14.4%	799	969	-17.5%
EUR/USD WKLY FRIDAY OPTIONS -	784	972	-19.3%	578.57	35.5%	987	885	11.6%
EUR/USD WKLY FRIDAY OPTIONS -	1,128	1,171.24	-3.7%	20.86	5308.7%	303	401	-24.6%
EUR/USD WKLY WED OPTIONS - WK	338	404.43	-16.5%	155.67	117.0%	297	331	-10.3%
EUR/USD WKLY WED OPTIONS - WK	379	563	-32.7%	170.86	121.8%	252	377	-33.3%
EUR/USD WKLY WED OPTIONS - WK	232	329.86	-29.8%	254.19	-8.9%	266	365	-27.3%
EUR/USD WKLY WED OPTIONS - WK	361	678.81	-46.9%	225.33	60.1%	307	448	-31.4%
EUR/USD WKLY WED OPTIONS - WK	0	0	-	330.24	-100.0%	92	87	6.0%
GBP/USD MONDAY OPTION WEEK1	57	89.86	-36.5%	12.95	340.5%	29	22	33.2%
GBP/USD MONDAY OPTION WEEK2	31	38.05	-18.5%	79.48	-61.0%	51	39	29.8%
GBP/USD MONDAY OPTION WEEK3	4	10.81	-62.1%	16.19	-74.7%	14	12	22.8%
GBP/USD MONDAY OPTION WEEK4	42	51.81	-18.2%	12.71	233.5%	27	23	19.3%
GBP/USD MONDAY OPTION WEEK5	0	0	-	0	-	3	15	-83.5%
GBP/USD MONTHLY OPTIONS	3,970	4,228.14	-6.1%	3,640.24	9.0%	3,713	3,644	1.9%
GBP/USD WKLY FRIDAY OPTIONS -	1	67.05	-98.9%	69.33	-98.9%	38	56	-32.5%
GBP/USD WKLY FRIDAY OPTIONS -	103	136.52	-24.7%	31.29	228.4%	117	115	1.9%
GBP/USD WKLY FRIDAY OPTIONS -	131	201.57	-35.1%	125.38	4.3%	170	156	9.0%
GBP/USD WKLY FRIDAY OPTIONS -	64	268.1	-76.1%	87.38	-26.8%	133	186	-28.6%
GBP/USD WKLY FRIDAY OPTIONS -	73	180.62	-59.6%	40.29	81.0%	52	57	-8.4%
GBP/USD WKLY WED OPTIONS - WK	69	59.52	16.7%	24.67	181.6%	64	64	0.4%
GBP/USD WKLY WED OPTIONS - WK	24	51.57	-53.2%	22.19	8.8%	24	38	-36.5%
GBP/USD WKLY WED OPTIONS - WK	12	31.1	-60.8%	35.38	-65.5%	53	33	61.8%
GBP/USD WKLY WED OPTIONS - WK	94	42.57	120.9%	22.05	326.6%	60	57	5.3%
GBP/USD WKLY WED OPTIONS - WK	0	0	-	7.19	-100.0%	3	13	-74.5%
JPY/USD MONDAY OPTION WEEK1	38	33.81	13.4%	1.19	3121.3%	20	21	-5.8%
JPY/USD MONDAY OPTION WEEK2	34	38.33	-10.3%	34.1	0.9%	45	20	123.9%
JPY/USD MONDAY OPTION WEEK3	18	36.95	-52.4%	5.52	218.6%	14	18	-22.6%
JPY/USD MONDAY OPTION WEEK4	50	24.71	103.3%	74.81	-32.8%	50	11	366.0%
JPY/USD MONDAY OPTION WEEK5	0	0	-	0	-	0	2	-83.6%
JPY/USD MONTHLY OPTIONS	7,248	4,917.14	47.4%	8,715.81	-16.8%	7,818	4,136	89.0%
JPY/USD WKLY FRIDAY OPTIONS -	1	77.1	-99.0%	649.33	-99.9%	173	148	16.8%
JPY/USD WKLY FRIDAY OPTIONS -	156	61.29	154.5%	373.48	-58.2%	409	251	63.1%
JPY/USD WKLY FRIDAY OPTIONS -	571	633.57	-9.9%	879.24	-35.1%	581	475	22.5%
JPY/USD WKLY FRIDAY OPTIONS -	670	446.48	50.0%	716.9	-6.6%	541	401	34.9%
JPY/USD WKLY FRIDAY OPTIONS -	625	402.24	55.3%	28.95	2057.2%	203	172	17.6%
JPY/USD WKLY WED OPTIONS - WK	205	143.05	43.1%	201.24	1.7%	164	119	37.2%
JPY/USD WKLY WED OPTIONS - WK	210	354	-40.8%	81.14	158.2%	152	170	-10.3%
JPY/USD WKLY WED OPTIONS - WK	188	354.29	-46.9%	146.43	28.6%	130	175	-26.1%
JPY/USD WKLY WED OPTIONS - WK	352	158.05	122.6%	334.1	5.3%	202	135	50.1%
JPY/USD WKLY WED OPTIONS - WK	0	0	-	223.71	-100.0%	52	52	0.9%

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FX Options								
MXN/USD MONTHLY OPTIONS	4	30.29	-85.3%	20.1	-77.9%	52	48	6.7%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	4	-97.2%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	4	-100.0%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	2	-100.0%
NZD/USD MONTHLY OPTIONS	0	23.52	-99.4%	316.86	-100.0%	50	10	401.4%
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-
RUB/USD MONTHLY OPTIONS	0	0	-	0	-	0	0	-100.0%

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Equity Index Futures								
BITCOIN	12,322	7,171.24	71.8%	12,737.86	-3.3%	10,155	10,917	-7.0%
DJ US REAL ESTATE	2,488	1,617.62	53.8%	7,096	-64.9%	3,505	2,507	39.8%
E-mini (\$5) Dow	165,943	154,486.14	7.4%	208,672.38	-20.5%	212,753	175,922	20.9%
E-MINI COM SERVICES SELECT SEC	86	49.62	73.7%	362	-76.2%	193	189	1.8%
E-mini FTSE China 50	9	5.52	60.2%	27.48	-67.8%	48	1	4965.2%
E-MINI MIDCAP	11,883	10,312.81	15.2%	21,552.62	-44.9%	16,605	12,340	34.6%
E-MINI NASDAQ 100	615,383	502,933.19	22.4%	739,755	-16.8%	708,009	546,907	29.5%
E-MINI RUSSELL 1000	369	123.38	199.3%	1,658.24	-77.7%	724	418	72.9%
E-MINI RUSSELL 1000 GROWTH	107	66.29	61.0%	742.67	-85.6%	425	235	81.0%
E-MINI RUSSELL 1000 VALUE	473	160.14	195.6%	3,291.52	-85.6%	1,271	1,410	-9.8%
E-MINI RUSSELL 2000	181,764	178,696.38	1.7%	294,098.38	-38.2%	246,562	199,296	23.7%
E-MINI S&P500	1,707,540	1,366,183.29	25.0%	2,288,107.24	-25.4%	1,935,714	1,609,856	20.2%
E-MINI S&P500 ESG	512	432.86	18.2%	2,475.62	-79.3%	1,519	886	71.5%
E-MINI S&P REAL ESTATE SELECT S	125	220.19	-43.4%	526.57	-76.3%	336	433	-22.4%
ETHER FUTURES	7,920	3,347.86	136.6%	8,988	-11.9%	6,165	2,311	166.8%
FT-SE 100	5	2.95	77.8%	0.1	5414.7%	9	2	419.8%
FTSE Emerging	0	0	-	0	-	0	0	-100.0%
IBOVESPA INDEX	2	4.14	-45.7%	2.86	-21.2%	3	9	-64.1%
MICRO BITCOIN	12,917	17,565.05	-26.5%	14,435.29	-10.5%	17,807	9,848	80.8%
MICRO E-MINI NASDAQ 100	1,343,247	835,625.05	60.7%	1,565,105.05	-14.2%	1,544,555	954,251	61.9%
MICRO E-MINI RUSSELL 2000	96,659	133,705.48	-27.7%	131,164	-26.3%	149,660	152,240	-1.7%
MICRO E-MINI S&P500	1,265,526	699,527.24	80.9%	1,409,669.38	-10.2%	1,361,836	882,729	54.3%
MICRO ETHER	25,659	0	-	18,190.19	41.1%	20,953	0	-
MICRO MINI \$5 DOW	151,577	112,893.33	34.3%	183,546.43	-17.4%	202,718	127,582	58.9%
NASDAQ-100 VOLATILITY	32	0.33	9606.0%	36.1	-10.4%	127	0	32879.8%
NASDAQ BIOTECH	3	34.9	-90.7%	27.29	-88.1%	9	39	-77.6%
Nearby BTIC+	30	2.38	1160.0%	156.57	-80.8%	45	2	1735.1%
NIKKEI 225 (\$) STOCK	3,615	4,471.76	-19.2%	6,978.57	-48.2%	5,917	6,025	-1.8%
NIKKEI 225 (YEN) STOCK	29,953	28,436.43	5.3%	44,954.9	-33.4%	39,661	30,878	28.4%
S&P 500	1,708	4,201.05	-59.3%	5,569.33	-69.3%	3,656	5,964	-38.7%
S&P 500 ANNUAL DIVIDEND INDEX F	3,709	2,920.62	27.0%	3,189.62	16.3%	4,317	3,348	28.9%
S&P 500 QUARLY DIVIDEND INDEX F	363	260.81	39.1%	111.14	226.4%	217	105	106.7%
S&P CONSUMER DSCRTNRY SECTC	485	315.52	53.7%	1,353.48	-64.2%	708	585	20.9%
S&P CONSUMER STAPLES SECTOR	565	1,066.24	-47.0%	2,277.86	-75.2%	1,308	1,627	-19.6%
S&P ENERGY SECTOR	2,228	1,111.48	100.4%	6,462.05	-65.5%	3,371	2,413	39.7%
S&P FINANCIAL SECTOR	630	1,759.81	-64.2%	3,076.9	-79.5%	1,895	3,454	-45.1%
S&P HEALTH CARE SECTOR	752	497.43	51.1%	2,764.43	-72.8%	1,403	890	57.6%
S&P INDUSTRIAL SECTOR	758	564.71	34.2%	2,824.43	-73.2%	1,469	1,247	17.7%
S&P MATERIALS SECTOR	404	365.29	10.5%	1,292.71	-68.8%	773	669	15.6%
S&P TECHNOLOGY SECTOR	597	382.86	55.8%	1,425.19	-58.1%	1,163	725	60.5%
S&P UTILITIES SECTOR	1,036	913.67	13.4%	3,036.95	-65.9%	1,785	1,254	42.3%
S&P VALUE INDEX FUTURES	0	2.38	-100.0%	0	-	0	9	-100.0%
WATER INDEX FUTURES	1	2.81	-80.4%	0.48	15.5%	4	6	-33.5%
YEN DENOMINATED TOPIX	4	100.67	-95.7%	13.48	-67.7%	109	68	60.1%

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	ADV JUL 2022	ADV JUL 2021	% CHG	ADV JUN 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Equity Index Options								
BITCOIN OPTIONS	128	47.19	170.2%	186.1	-31.5%	125	69	80.9%
E-mini (\$5) Dow	87	31.38	177.1%	138.24	-37.1%	113	70	61.3%
E-MINI NASDAQ 100	43,735	30,409.86	43.8%	56,161.48	-22.1%	48,458	25,990	86.4%
E-mini Russell 2000	3,995	5,935.1	-32.7%	4,105.76	-2.7%	5,451	4,122	32.2%
E-MINI RUSSELL 2000	672	897.62	-25.2%	1,699.05	-60.5%	1,580	1,341	17.9%
E-mini S&P 500	477,243	378,055.57	26.2%	510,817.57	-6.6%	571,726	327,643	74.5%
E-MINI S&P500	465,605	261,425.38	78.1%	596,511.19	-21.9%	526,763	274,591	91.8%
EOM S&P 500	0	116.95	-100.0%	0	-	0	109	-100.0%
MICRO BITCOIN	715	0	-	704.86	1.4%	287	0	-
Micro E-mini Nasdaq-100	1,477	1,592.57	-7.2%	1,567.43	-5.7%	2,237	1,227	82.3%
MICRO E-MINI NASDAQ 100	277	177.67	56.1%	727.05	-61.9%	607	248	144.6%
Micro E-mini S&P 500	8,837	7,787.71	13.5%	11,443.05	-22.8%	11,583	6,743	71.8%
MICRO ETHER	2,279	0	-	514.9	342.6%	713	0	-
S&P 500	0	6,206.24	-100.0%	0	-	0	7,278	-100.0%

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Interest Rate Futures								
10-YR Eris LIBOR	390	660.19	-40.9%	1,428.14	-72.7%	778	516	50.9%
10-YR Eris SOFR	21	1.43	1359.5%	69.76	-70.1%	42	1	3982.8%
10-YR MAC LIBOR	325	2,343.62	-86.1%	1,435.24	-77.4%	1,608	5,672	-71.6%
10-YR NOTE	1,489,469	1,546,455.38	-3.7%	1,604,865.29	-7.2%	1,921,277	1,928,928	-0.4%
10Y YIELD	4,886	0	-	2,880.71	69.6%	4,809	0	-
15-YR Eris LIBOR	0	0	-	0	-	10	0	-
1-MONTH EURODOLLAR	230	0	-	2.24	10192.2%	498	0	-
1-YR Eris BSBY	15	0	-	14.29	5.0%	9	0	-
1-YR Eris SOFR	386	3,298.1	-88.3%	1,476.1	-73.9%	1,316	3,347	-60.7%
20-YR BOND	182	0	-	129	41.2%	190	0	-
20-YR SWAP RATE	0	0	-	0	-	0	0	-
2-YR Eris LIBOR	785	473.76	65.7%	10,444.57	-92.5%	3,843	661	481.5%
2-YR Eris SOFR	224	207.14	8.3%	1,062.71	-78.9%	675	149	352.8%
2-YR NOTE	499,725	303,852.14	64.5%	613,333.52	-18.5%	696,888	440,041	58.4%
2Y YIELD	317	0	-	449.95	-29.5%	381	0	-
30-YR BOND	313,621	352,082.67	-10.9%	352,283.57	-11.0%	407,225	460,661	-11.6%
30-YR Eris LIBOR	0	0	-	0	-	4	4	1.0%
30-YR SWAP RATE	0	166.67	-100.0%	0	-	30	31	-3.7%
30Y YIELD	392	0	-	431.1	-9.1%	519	0	-
3-YR Eris BSBY	0	0	-	0	-	0	0	-
3-YR Eris LIBOR	329	621.67	-47.1%	2,153.43	-84.7%	1,404	692	102.9%
3-YR Eris SOFR	308	70.81	334.8%	411	-25.1%	252	62	309.7%
3-YR NOTE	16,780	6,666.81	151.7%	19,867.33	-15.5%	17,059	8,384	103.5%
4-YR Eris LIBOR	177	386.76	-54.2%	687.86	-74.2%	392	153	155.2%
4-YR Eris SOFR	5	20	-74.0%	107.43	-95.2%	59	25	133.4%
5-YR Eris LIBOR	1,244	1,975.57	-37.0%	2,818.86	-55.9%	2,257	1,555	45.1%
5-YR Eris SOFR	209	20.48	920.2%	270.19	-22.7%	162	13	1165.2%
5-YR MAC LIBOR	1,642	2,287.43	-28.2%	2,228.76	-26.3%	1,574	2,700	-41.7%
5-YR NOTE	1,020,572	827,950.43	23.3%	1,104,114.38	-7.6%	1,348,681	1,117,839	20.7%
5Y YIELD	229	0	-	186.81	22.5%	142	0	-
7-YR Eris LIBOR	115	78.95	45.5%	140	-17.9%	239	138	72.9%
7-YR Eris SOFR	5	0	-	15.71	-65.6%	38	0	-
BSBY 3-MONTH FUTURES	1,152	0	-	553.57	108.1%	3,179	0	-
EURODOLLARS	1,283,300	2,300,023.05	-44.2%	1,681,722.05	-23.7%	2,058,245	2,442,267	-15.7%
FED FUND	343,643	74,719.29	359.9%	376,987.9	-8.8%	355,190	92,723	283.1%
SOFR	1,779,103	109,657.14	1522.4%	1,985,507.76	-10.4%	1,465,129	114,184	1183.1%
SONIA	3	1,876.95	-99.8%	9.05	-68.5%	9	4,973	-99.8%
TIIE	3	1.43	141.5%	5.81	-40.6%	5	1	591.2%
Ultra 10-Year Note	263,169	291,043.52	-9.6%	308,735.1	-14.8%	389,998	367,293	6.2%
ULTRA T-BOND	145,748	158,817.76	-8.2%	171,279.05	-14.9%	232,276	227,481	2.1%

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Interest Rate Options								
10-YR NOTE	647,437	532,423.48	21.6%	678,647.67	-4.6%	666,523	665,594	0.1%
2-YR NOTE	6,857	15.67	43668.3%	2,633.67	160.4%	2,236	633	253.2%
30-YR BOND	98,248	132,778.19	-26.0%	126,481.38	-22.3%	120,538	134,544	-10.4%
5-YR NOTE	267,752	153,762	74.1%	225,591.24	18.7%	262,914	160,356	64.0%
EURODOLLARS	331,007	143,372.95	130.9%	643,869.57	-48.6%	667,059	202,477	229.4%
EURO MIDCURVE	139,685	867,382.81	-83.9%	256,484.62	-45.5%	406,449	829,575	-51.0%
FED FUND	0	0	-	0.1	-47.5%	0	0	-
SOFR	323,115	0.053812505.0%		330,728.81	-2.3%	130,527	57	228148.0%
SOFR MIDCURVE	62,903	0.483209244.8%		81,050.14	-22.4%	35,794	03650034.6%	
Ultra 10-Year Note	0	2.19	-86.3%	0	-	5	0	1535.4%
ULTRA T-BOND	54	24.76	116.9%	61.86	-13.2%	126	28	350.1%
Energy Futures								
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	409	267.71	52.8%	416.19	-1.7%	271	436	-37.7%
ARGUS PROPAN FAR EST INDE	232	232.71	-0.4%	320.52	-27.7%	273	270	0.9%
ARGUS PROPAN(SAUDI ARAMCO	65	56.14	16.3%	75.62	-13.6%	98	86	13.3%
BRENT BALMO SWAP	0	6.62	-100.0%	4.76	-100.0%	11	6	79.8%
BRENT CALENDAR SWAP	501	420.05	19.4%	712.05	-29.6%	711	394	80.7%
BRENT FINANCIAL FUTURES	12	0	-	0	-	2	28	-94.1%
BRENT OIL LAST DAY	66,064	92,641.19	-28.7%	57,458.67	15.0%	74,138	98,935	-25.1%
CAR VINTAGE	1,073	15.19	6964.9%	1,046.71	2.5%	736	5	14524.0%
CHICAGO ETHANOL SWAP	2,775	2,895.71	-4.2%	2,910.57	-4.7%	2,823	3,589	-21.3%
CHICAGO ULSD PL VS HO SPR	21	22.14	-4.0%	0	-	29	24	20.3%
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-	0	3	-100.0%
CONWAY NATURAL GASOLINE (OPI	0	73.33	-100.0%	6.19	-100.0%	12	17	-27.9%
CONWAY NORMAL BUTANE (OPIS) S	28	18.1	52.0%	26.9	2.2%	18	11	57.7%
CONWAY PROPANE 5 DECIMALS S	691	579.1	19.4%	880.43	-21.5%	752	641	17.3%
CRUDE OIL	0	0	-	0	-	0	22	-100.0%
CRUDE OIL LAST DAY	29	0.81	3433.0%	24.76	15.5%	20	15	34.1%
CRUDE OIL OUTRIGHTS	2,592	2,030.86	27.6%	4,138.38	-37.4%	3,579	3,192	12.1%
CRUDE OIL PHY	934,820	1,005,542.81	-7.0%	884,427.14	5.7%	1,012,477	1,009,409	0.3%
CRUDE OIL SPRDS	2,095	725	189.0%	3,070.76	-31.8%	2,528	1,294	95.4%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
DAILY PJM	0	0	-	0	-	0	0	-
DATED TO FRONTLINE BRENT	0	0	-	0	-	15	8	84.0%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-	0	0	-83.2%
DOMINION TRANSMISSION INC	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL CALENDAR	0	0	-	0	-	14	0	-
DUTCH TTF NATURAL GAS CAL MO	1	1,533.62	-99.9%	8.67	-87.9%	100	2,542	-96.1%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	0	33	-100.0%	17.14	-100.0%	6	26	-78.2%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-	0	0	-
EMMISSIONS	185	0	-	179.95	2.7%	66	0	-
ETHANOL	0	0.1	-100.0%	0	-	0	2	-96.3%

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Energy Futures								
ETHANOL SWAP	7	8.57	-21.2%	6.19	9.0%	10	7	47.0%
ETHANOL T2 FOB ROTT INCL DUTY	62	100.71	-38.0%	76.14	-18.0%	133	164	-18.9%
EURO 3.5% FUEL OIL RDAM B	0	0.29	-100.0%	0	-	0	0	-100.0%
EURO GASOIL 10PPM VS ICE	0	0.48	-100.0%	1.14	-100.0%	8	7	23.5%
EUROPE 1% FUEL OIL NWE CA	0	0	-	0	-	0	0	-100.0%
EUROPE 3.5% FUEL OIL MED	0	0	-	0	-	0	0	-100.0%
EUROPE 3.5% FUEL OIL RDAM	0	0.33	-100.0%	0	-	4	2	133.0%
EUROPEAN GASOIL (ICE)	87	3.52	2366.1%	66.57	30.5%	87	31	184.5%
EUROPEAN NAPHTHA BALMO	0	0.19	83.7%	0.24	47.0%	1	0	665.5%
EUROPEAN NAPHTHA CRACK SPR	42	97.86	-56.9%	97.38	-56.7%	122	41	197.5%
EUROPE DATED BRENT SWAP	0	0	-	0	-	0	5	-100.0%
EUROPE JET KERO NWE CALSW	0	0	-	0	-	0	0	-100.0%
EUROPE NAPHTHA CALSWAP	15	40.71	-62.3%	20.57	-25.4%	33	26	24.4%
EURO PROPANE CIF ARA SWA	46	51.29	-10.3%	64.62	-28.8%	79	66	19.7%
FREIGHT MARKETS	4	1.14	228.1%	15.43	-75.7%	11	9	34.1%
FUEL OIL CRACK VS ICE	2	14.29	-87.4%	0	-	8	11	-24.4%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	0	0	-7.7%
FUELOIL SWAP:CARGOES VS.B	0	0	-	0	-	0	0	-
GAS EURO-BOB OXY NWE BARGES	9	16.38	-47.2%	8.05	7.5%	11	28	-61.4%
GAS EURO-BOB OXY NWE BARGES	35	189.67	-81.4%	84.29	-58.2%	141	214	-34.3%
GASOIL 0.1CIF MED VS ICE	0	0	-	0	-	0	0	-24.5%
GASOIL 0.1 RDAM BRGS VS I	0	0.57	-100.0%	0	-	0	0	-76.0%
GASOIL 0.1 ROTTERDAM BARG	0	0	-	0.48	-47.5%	0	1	-12.7%
GASOIL CALENDAR SWAP	0	0.14	109.9%	0.43	-30.0%	7	6	17.6%
GASOIL CRACK SPREAD CALEN	4	77.14	-94.4%	11.57	-62.4%	75	53	42.0%
GASOIL MINI CALENDAR SWAP	8	7.67	3.0%	16.19	-51.2%	17	17	0.2%
GERMAN POWER BASELOAD CAL M	0	0	-	0	-	0	0	-100.0%
GRP THREE ULSD(PLT)VS HEA	158	168.57	-6.4%	86.9	81.5%	247	217	14.0%
GRP THREE UNL GS (PLT) VS	85	129.76	-34.2%	118.33	-27.9%	178	127	40.3%
GULF COAST 3% FUEL OIL BA	5	5.1	5.0%	0	-	6	1	697.1%
GULF COAST JET FUEL CLNDR	0	0	-	0	-	0	0	-
GULF COAST JET VS NYM 2 H	204	902.38	-77.4%	323.86	-36.9%	538	1,031	-47.8%
GULF COAST NO.6 FUEL OIL	469	146.1	221.2%	432.38	8.5%	485	140	247.9%
GULF COAST ULSD CALENDAR	0	33.95	-100.0%	17.14	-100.0%	5	25	-79.9%
GULF COAST ULSD CRACK SPR	0	0	-	0	-	0	0	-
HEATING OIL BALMO CLNDR S	13	7.29	81.9%	4.76	178.3%	22	14	60.2%
HEATING OIL CRCK SPRD BAL	6	0	-	0	-	1	17	-94.8%
HEATING OIL PHY	144,809	127,085.43	13.9%	149,426.33	-3.1%	164,600	145,378	13.2%
HENRY HUB SWAP	757	1,167.1	-35.1%	1,516.05	-50.1%	1,311	1,611	-18.6%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-	0	0	-
HTG OIL	2	0	-	0	-	1	1	-35.3%
ICE BRENT DUBAI SWAP	0	15.1	-100.0%	2.86	-100.0%	15	31	-50.7%
ICE GASOIL BALMO SWAP	0	0	-	0	-	0	0	-100.0%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	0	0.48	-100.0%	0	-	0	8	-100.0%
JAPAN C&F NAPHTHA CRACK S	11	0	-	0.86	1148.4%	2	0	-
JAPAN C&F NAPHTHA SWAP	6	2.38	154.1%	6.43	-5.9%	6	3	106.9%
JAPAN NAPHTHA BALMO SWAP	0	0	-	0	-	0	0	-

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Energy Futures								
JET CIF NWE VS ICE	6	4.95	21.2%	5.29	13.5%	10	6	61.4%
JET FUEL UP-DOWN BALMO CL	35	72.14	-51.1%	31.57	11.7%	102	54	87.2%
JKM LNG Futures	2	64.81	-96.3%	0	-	15	30	-50.3%
LA CARB DIESEL (OPIS) SWA	0	14.29	-100.0%	1.33	-100.0%	15	11	34.9%
LA CARBOB GASOLINE(OPIS)S	0	0	-	0	-	0	2	-100.0%
LA JET (OPIS) SWAP	6	29.76	-79.0%	3.57	75.0%	23	17	33.8%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	0	19.05	-100.0%	0	-	1	13	-94.9%
LTD NAT GAS	14,597	16,261.76	-10.2%	19,561.43	-25.4%	17,502	14,469	21.0%
MARS (ARGUS) VS WTI SWAP	4	0	-	3.57	5.0%	11	9	24.7%
MARS (ARGUS) VS WTI TRD M	534	660.24	-19.2%	908	-41.2%	743	921	-19.3%
MCCLOSKEY ARA ARGS COAL	204	417.57	-51.2%	336.24	-39.4%	327	600	-45.5%
MCCLOSKEY RCH BAY COAL	8	31.67	-73.8%	27.33	-69.6%	21	43	-51.8%
MGN1 SWAP FUT	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	1	0.62	-19.2%	0.71	-30.0%	2	1	139.4%
MINI RBOB V. EBOBARG NWE BRGS	0	4.76	-100.0%	2.38	-100.0%	0	3	-87.1%
MINI RBOB V. EBOB(ARGUS) NWE B	17	19.05	-8.6%	10.29	69.2%	19	29	-34.8%
MINY HTG OIL	1	0.29	92.5%	0.38	44.4%	0	0	30.5%
MINY NATURAL GAS	15,710	5,661.52	177.5%	18,648.43	-15.8%	15,576	5,252	196.6%
MINY RBOB GAS	0	0.38	-8.1%	0.33	5.0%	0	0	-4.1%
MINY WTI CRUDE OIL	32,742	22,954.67	42.6%	24,417.52	34.1%	30,574	19,991	52.9%
MJC FUT	0	1.43	-100.0%	0	-	0	0	-100.0%
MNC FUT	64	61.43	4.1%	87.86	-27.2%	81	32	148.7%
MONT BELVIEU ETHANE 5 DECIMAL	1,709	1,373.1	24.5%	2,215.81	-22.9%	1,734	1,207	43.6%
MONT BELVIEU ETHANE OPIS BALM	21	30.48	-31.9%	52.38	-60.4%	43	20	113.8%
MONT BELVIEU LDH PROPANE 5 DE	6,061	8,511.86	-28.8%	7,765.9	-22.0%	8,112	8,399	-3.4%
MONT BELVIEU LDH PROPANE OPIS	118	128.14	-7.7%	68.1	73.7%	153	147	3.8%
MONT BELVIEU NATURAL GASOLIN	1,256	927.76	35.4%	1,201.71	4.5%	1,133	701	61.7%
MONT BELVIEU NATURAL GASOLIN	106	12.62	739.6%	72.81	45.5%	67	24	177.0%
MONT BELVIEU NORMAL BUTANE 5	2,522	2,592.14	-2.7%	2,791.52	-9.7%	2,543	2,318	9.7%
MONT BELVIEU NORMAL BUTANE B	38	11.76	226.9%	74.76	-48.6%	75	59	27.3%
NATURAL GAS	6,848	8,811.1	-22.3%	10,056.81	-31.9%	9,005	6,236	44.4%
NATURAL GAS PEN SWP	1,740	3,226.29	-46.1%	3,301.29	-47.3%	2,454	2,568	-4.4%
NATURAL GAS PHY	291,347	342,270.24	-14.9%	383,199.48	-24.0%	369,592	377,004	-2.0%
NEPOOL INTR HUB 5MW D AH	0	0	-	0	-	0	0	-
NEW ENGLAND HUB PEAK DAIL	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	41	0	-	46.19	-10.7%	42	5	674.1%
NEW YORK HUB ZONE G PEAK	0	0	-	0	-	0	0	-
NEW YORK HUB ZONE J PEAK	0	0	-	0	-	0	0	-
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	0	0	-	0	-	0	0	-
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	66	12.52	423.4%	70.05	-6.4%	56	40	39.5%
NY HARBOR LOW SULPUR GAS 100C	0	0	-	0	-	0	11	-100.0%
NY HARBOR RESIDUAL FUEL 1	1	8.33	-85.0%	3.57	-65.0%	7	9	-15.0%
NYH NO 2 CRACK SPREAD CAL	34	25.95	30.0%	74.57	-54.7%	102	82	24.5%
NYISO CAPACITY	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	0	0	-	0	-	0	0	-

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Energy Futures								
NYISO ZONE G 5MW D AH PK	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	75	0	-	5.95	1159.2%	25	0	7110.3%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-	0	0	-
PETROCHEMICALS	92	194.33	-52.6%	150.52	-38.8%	161	163	-0.9%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	1,046	1,038.24	0.8%	859.62	21.7%	1,044	1,213	-14.0%
PETRO CRK&SPRD EURO	20	41.19	-52.3%	26.81	-26.7%	46	37	24.7%
PETROLEUM PRODUCTS	90	7.24	1147.6%	92.29	-2.2%	103	30	243.8%
PETROLEUM PRODUCTS ASIA	10	32.14	-70.4%	18.1	-47.5%	44	12	269.2%
PETRO OUTRIGHT EURO	382	402.52	-5.2%	433.29	-11.9%	519	355	46.3%
PETRO OUTRIGHT NA	182	119.81	51.6%	146	24.4%	218	143	51.9%
PJM AD HUB 5MW REAL TIME	0	0	-	0	-	0	0	-
PJM DAILY	0	0	-	0	-	0	0	-
PJM NI HUB 5MW REAL TIME	0	0	-	0	-	0	0	-
PJM WESTH RT OFF-PEAK	0	0	-	0	-	0	0	-
PJM WESTH RT PEAK	0	0	-	0	-	0	0	-
PLASTICS	29	14.24	100.5%	75.33	-62.1%	50	67	-25.8%
PREMIUM UNLD 10P FOB MED	0	0	-	2.14	-100.0%	0	0	1107.8%
PROPANE NON-LDH MB (OPIS) BAL	59	22.14	164.2%	105.81	-44.7%	82	63	30.2%
PROPANE NON-LDH MT. BEL (OPIS)	605	560.33	8.0%	715.9	-15.5%	649	782	-17.0%
RBOB CALENDAR SWAP	165	440.71	-62.5%	134.14	23.2%	272	326	-16.6%
RBOB CRACK SPREAD	17	32.86	-49.8%	36.9	-55.3%	91	111	-17.6%
RBOB CRACK SPREAD BALMO S	6	0	-	0	-	1	0	-
RBOB GAS	1	0	-	0	-	0	0	-19.5%
RBOB GASOLINE BALMO CLNDR	40	19.57	102.8%	37.71	5.3%	78	25	214.5%
RBOB PHY	148,219	169,875	-12.7%	177,267.14	-16.4%	182,203	190,278	-4.2%
RBOB VS HEATING OIL SWAP	9	0	-	0	-	4	3	10.7%
SINGAPORE 380CST BALMO	0	0	-	0	-	0	0	-
SINGAPORE 380CST FUEL OIL	1	9.57	-94.3%	1.71	-67.9%	9	10	-11.9%
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL SPREAD	0	0	-	1.43	-100.0%	0	0	-
SINGAPORE GASOIL	35	31.05	11.9%	37.1	-6.3%	45	28	61.7%
SINGAPORE GASOIL CALENDAR	1	76.29	-98.5%	0.95	20.7%	8	39	-79.4%
SINGAPORE GASOIL SWAP	4	33	-88.6%	0.62	505.8%	21	69	-70.2%
SINGAPORE GASOIL VS ICE	0	107	-100.0%	0	-	27	47	-42.1%
SINGAPORE JET KERO GASOIL	0	28.57	-100.0%	0	-	25	6	308.7%
SINGAPORE JET KEROSENE SW	0	12.38	-100.0%	0	-	3	7	-62.4%
SINGAPORE MOGAS 92 UNLEADED	0	0.48	-100.0%	28.57	-100.0%	6	2	163.1%
SINGAPORE MOGAS 92 UNLEADED	0	33.33	-100.0%	5.86	-100.0%	4	21	-79.8%
TC2 ROTTERDAM TO USAC 37K	0	0	-	0	-	2	1	153.2%
TC5 RAS TANURA TO YOKOHAM	0	0	-	5.71	-100.0%	1	1	45.5%
TD3 MEG TO JAPAN 250K MT	0	36.05	-100.0%	0	-	43	69	-38.1%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-	0	0	-
UK NBP NAT GAS CAL MTH FUT	0	0	-	0	-	0	17	-100.0%
ULSD UP-DOWN BALMO SWP	159	110.71	43.3%	167.62	-5.3%	329	247	33.5%
UP DOWN GC ULSD VS NMX HO	710	1,916.48	-63.0%	686.48	3.4%	1,423	1,510	-5.8%
WTI-BRENT CALENDAR SWAP	1,915	1,813.29	5.6%	2,685.57	-28.7%	2,747	1,944	41.3%
WTI CALENDAR	1,569	2,282.48	-31.2%	2,866.48	-45.3%	3,107	2,575	20.7%

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Energy Futures								
WTI MIDLAND CRUDE OIL	0	0	-	0	-	0	12	-100.0%
WTS (ARGUS) VS WTI SWAP	16	243.1	-93.5%	102	-84.6%	131	208	-36.9%
WTS (ARGUS) VS WTI TRD MT	0	0	-	28.57	-100.0%	41	33	25.0%
Energy Options								
BRENT CALENDAR SWAP	0	17.52	-100.0%	0	-	21	20	8.2%
BRENT CRUDE OIL 1 M CSO	0	11.9	-100.0%	0	-	620	491	26.1%
BRENT OIL LAST DAY	556	805.76	-31.0%	2,512.52	-77.9%	1,599	2,252	-29.0%
COAL API2 INDEX	0	8.33	-100.0%	0	-	3	12	-71.9%
CRUDE OIL	0	0	-	0	-	0	0	-
CRUDE OIL 1MO	1,588	7,316.67	-78.3%	1,641.9	-3.3%	3,415	6,984	-51.1%
CRUDE OIL APO	1,040	943	10.3%	904.95	14.9%	1,049	1,693	-38.0%
CRUDE OIL CALNDR STRIP	0	0	-	0	-	0	0	-
CRUDE OIL PHY	120,558	130,991.24	-8.0%	117,595.19	2.5%	131,043	117,273	11.7%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ETHANOL SWAP	124	115	7.6%	204.62	-39.5%	169	129	31.2%
FREIGHT MARKETS	0	0	-	0	-	0	0	-
HEATING OIL CRK SPD AVG PRICE	0	0	-	0	-	5	6	-18.8%
HEATING OIL PHY	365	320.57	13.7%	341.9	6.6%	552	280	96.7%
HENRY HUB FINANCIAL LAST	176	240.33	-27.0%	211.14	-16.9%	257	512	-49.8%
HO 1 MONTH CLNDR OPTIONS	65	0	-	0	-	32	0	-
LLS CRUDE OIL	0	0	-	0	-	15	0	-
MCCLOSKEY ARA ARGS COAL	0	11.43	-100.0%	0	-	0	4	-100.0%
NATURAL GAS	1	0	-	5.24	-83.8%	25	0	-
NATURAL GAS 1 M CSO FIN	4,295	2,188.1	96.3%	1,380.95	211.0%	4,713	2,069	127.8%
NATURAL GAS 2 M CSO FIN	18	0	-	57.14	-69.4%	98	40	144.8%
NATURAL GAS 3 M CSO FIN	2,255	1,520.24	48.3%	1,540.48	46.4%	1,813	1,024	77.1%
NATURAL GAS 5 M CSO FIN	0	0	-	0	-	321	77	317.7%
NATURAL GAS 6 M CSO FIN	200	838.1	-76.1%	142.86	40.0%	562	592	-5.1%
NATURAL GAS OPT	8	373.33	-98.0%	0	-	44	1,081	-95.9%
NATURAL GAS OPTION ON CALEND	0	534.29	-100.0%	0	-	4	328	-98.7%
NATURAL GAS PHY	95,509	107,041.48	-10.8%	118,362.62	-19.3%	108,825	97,943	11.1%
NATURAL GAS SUMMER STRIP	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	53	28.48	87.2%	114.33	-53.4%	97	42	129.9%
PETROCHEMICALS	0	20.38	-100.0%	108.57	-100.0%	22	48	-53.9%
PETRO OUTRIGHT EURO	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	0	8.57	-100.0%	0	-	3	7	-65.0%
PJM WES HUB PEAK CAL MTH	0	0	-	0	-	0	0	-
PJM WES HUB PEAK LMP 50MW	0	0	-	0	-	0	0	-
RBOB 1MO CAL SPD OPTIONS	50	0	-	73.81	-32.3%	18	0	-
RBOB CALENDAR SWAP	22	1.67	1235.0%	54.76	-59.4%	24	8	196.2%
RBOB PHY	156	400.76	-61.1%	246.67	-36.8%	184	359	-48.8%
SHORT TERM	0	14.29	-100.0%	2.38	-100.0%	14	8	83.5%
SHORT TERM NATURAL GAS	38	33.33	12.5%	15.48	142.3%	38	22	70.9%
WTI-BRENT BULLET SWAP	3,335	1,488.1	124.1%	3,993.05	-16.5%	1,936	1,328	45.7%
WTI CRUDE OIL 1 M CSO FI	1,215	4,369.52	-72.2%	3,242.86	-62.5%	2,902	3,888	-25.4%

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Metals Futures								
ALUMINUM	3,676	1,604.24	129.2%	2,213.33	66.1%	1,826	1,097	66.4%
COBALT METAL FUTURES	57	9.1	526.7%	129.57	-56.0%	45	18	148.7%
COMEX COPPER	82,955	86,799.52	-4.4%	96,252.86	-13.8%	83,882	111,311	-24.6%
COMEX E-Mini GOLD	1,398	1,098.48	27.3%	1,261.1	10.9%	1,497	1,109	35.0%
COMEX E-Mini SILVER	157	187.52	-16.5%	154.52	1.3%	189	336	-43.7%
COMEX GOLD	270,044	266,816.95	1.2%	170,243.19	58.6%	233,478	257,275	-9.2%
COMEX MINY COPPER	151	189.05	-20.2%	196.86	-23.3%	176	197	-10.6%
COMEX SILVER	60,313	60,591.14	-0.5%	76,040.52	-20.7%	68,247	87,992	-22.4%
COPPER	3,847	144.43	2563.5%	4,246.33	-9.4%	1,525	131	1061.5%
FERROUS PRODUCTS	125	56.48	122.1%	124.43	0.8%	128	75	70.0%
GOLD	58	456.1	-87.3%	68.81	-15.8%	369	230	60.5%
HOT ROLLED COIL STEEL FUTURES	185	96.05	93.0%	161.71	14.6%	128	59	118.0%
IRON ORE CHINA	72	30.76	135.4%	89.71	-19.3%	66	46	43.1%
METALS	10	0	-	9.52	2.9%	12	0	3564.1%
MICRO GOLD	44,087	52,721.38	-16.4%	43,928.57	0.4%	53,949	61,189	-11.8%
NYMEX HOT ROLLED STEEL	749	921	-18.7%	986.14	-24.0%	1,098	1,015	8.2%
NYMEX PLATINUM	15,614	14,005.33	11.5%	25,135.19	-37.9%	19,828	17,509	13.2%
PALLADIUM	1,640	1,704.05	-3.8%	1,383.19	18.6%	2,234	2,199	1.6%
SILVER	6,138	7,256.33	-15.4%	6,075.71	1.0%	7,876	10,950	-28.1%
URANIUM	0	5.71	-100.0%	0	-	0	7	-97.5%
Metals Options								
ALUMINUM	0	0	-	0	-	0	16	-100.0%
COMEX COPPER	4,432	3,393.86	30.6%	4,706.52	-5.8%	3,820	3,410	12.0%
COMEX GOLD	40,861	25,473.67	60.4%	33,574.67	21.7%	43,032	35,175	22.3%
COMEX SILVER	4,401	6,463.67	-31.9%	4,243.57	3.7%	5,217	8,460	-38.3%
COPPER	241	0.86	28026.5%	99.95	141.2%	65	1	7446.2%
GOLD	10,642	7,226.62	47.3%	10,915.9	-2.5%	10,484	8,176	28.2%
IRON ORE CHINA	0	101.14	-100.0%	0	-	0	28	-100.0%
NYMEX HOT ROLLED STEEL	73	0	-	100.19	-27.1%	80	11	618.4%
NYMEX PLATINUM	119	38.24	211.5%	288.9	-58.8%	280	145	94.0%
PALLADIUM	0	14.76	-97.6%	0.33	5.0%	1	33	-97.6%
SILVER	774	674.38	14.8%	829.19	-6.6%	903	514	75.5%
Foreign Exchange Futures								
CHILEAN PESO	0	0	-	0.05	-100.0%	0	0	-
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS - WK	2	24.57	-90.4%	18.71	-87.4%	20	28	-26.5%

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	ADV JUL 2022	ADV JUL 2021	% CHG	ADV JUN 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Ags Futures								
FERTILIZER PRODUCTS	110	70	56.4%	149.9	-27.0%	134	167	-19.8%

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	ADV JUL 2022	ADV JUL 2021	% CHG	ADV JUN 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Ag Products Futures								
BLOCK CHEESE	22	39.43	-45.2%	18.1	19.4%	18	43	-57.7%
BUTTER CS	201	162.24	24.1%	199.76	0.8%	220	211	4.2%
CASH-SETTLED CHEESE	527	634.38	-16.9%	607.1	-13.1%	503	587	-14.3%
CAT ASIA WEATHER	0	0	-	0	-	0	8	-100.0%
CATTLE	57,319	57,220.43	0.2%	51,964.71	10.3%	59,899	57,533	4.1%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	3	-100.0%
CDD SEASONAL STRIP	0	0	-	35.71	-100.0%	51	43	17.1%
CDD WEATHER	75	76.19	-1.6%	38.1	96.9%	164	58	184.3%
CHI WHEAT	90,555	108,783.14	-16.8%	122,937	-26.3%	111,291	130,088	-14.4%
CLASS IV MILK	217	37.48	478.4%	108.57	99.6%	138	41	237.7%
COFFEE	0	0	-	0	-	0	0	-100.0%
CORN	297,162	261,514.86	13.6%	396,913.52	-25.1%	345,650	393,345	-12.1%
DJ_UBS ROLL SELECT INDEX FUTU	176	20.76	749.6%	1,206.86	-85.4%	387	124	211.6%
DOW-UBS COMMOD INDEX	1,938	2,108	-8.1%	6,249.33	-69.0%	3,007	2,640	13.9%
DRY WHEY	43	64.1	-32.5%	65.05	-33.5%	53	113	-53.4%
FEEDER CATTLE	14,827	12,422.62	19.4%	12,058.1	23.0%	12,924	11,621	11.2%
FERTILIZER PRODUCS	0	0	-	0	-	0	0	-
GOLDMAN SACHS	198	225.76	-12.4%	197.62	0.1%	189	525	-64.1%
GSCI EXCESS RETURN FUT	536	136.71	292.2%	5,944.24	-91.0%	2,067	1,794	15.2%
HDD EURO SEASONAL STRIP	63	0	-	0	-	9	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	0	0	-	0	-	56	78	-29.0%
HDD WEATHER EUROPEAN	0	142.86	-100.0%	0	-	27	32	-15.2%
HOGS	48,579	48,453.62	0.3%	46,757.24	3.9%	47,434	48,660	-2.5%
HOUSING INDEX	0	0.19	83.7%	0.81	-56.8%	1	1	56.3%
KC WHEAT	38,096	46,780.9	-18.6%	49,377.48	-22.8%	46,160	53,983	-14.5%
LUMBER	320	524.38	-39.0%	433.81	-26.3%	385	526	-26.9%
MALAYSIAN PALM SWAP	0	600.95	-100.0%	0	-	0	533	-100.0%
MILK	1,432	1,169.52	22.5%	1,389.1	3.1%	1,469	1,152	27.5%
MINI CORN	2,440	2,532.76	-3.7%	2,150.24	13.5%	2,946	3,561	-17.3%
MINI SOYBEAN	2,851	2,092.48	36.2%	2,476.95	15.1%	2,987	3,114	-4.1%
MINI WHEAT	1,122	1,106.24	1.4%	1,081.19	3.8%	1,331	1,033	28.9%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	251	221.43	13.2%	255.48	-1.9%	298	281	6.1%
OATS	255	550.62	-53.7%	467.62	-45.4%	432	523	-17.4%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	0	-
PORK CUTOOT	88	70.67	24.6%	124.48	-29.3%	120	144	-16.7%
ROUGH RICE	533	473.95	12.4%	1,086.43	-51.0%	895	797	12.3%
SOYBEAN	169,777	157,195.33	8.0%	234,025.1	-27.5%	210,431	228,124	-7.8%
SOYBEAN MEAL	108,987	86,428.95	26.1%	123,332.48	-11.6%	107,740	104,462	3.1%
SOYBEAN OIL	117,151	108,495.24	8.0%	133,187.48	-12.0%	111,703	137,171	-18.6%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	0	28	-100.0%
USD CRUDE PALM OIL	1,117	219.95	407.8%	1,507.29	-25.9%	1,110	243	356.6%
WHEAT	0	1,965.95	-100.0%	38.86	-100.0%	388	1,310	-70.4%

Ag Products Options

AUG-NOV SOYBEAN CAL SPRD	11	0	-	0	-	1	0	-
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	ADV JUL 2022	ADV JUL 2021	% CHG	ADV JUN 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Ag Products Options								
BLOCK CHEESE	4	11.43	-62.4%	71.81	-94.0%	17	16	7.1%
BUTTER CS	72	39.81	81.2%	102.38	-29.5%	74	111	-33.7%
CASH-SETTLED CHEESE	341	229.57	48.5%	322.57	5.7%	369	375	-1.4%
CATTLE	8,324	7,269.1	14.5%	10,449.38	-20.3%	10,304	9,055	13.8%
CDD SEASONAL STRIP	0	0	-	214.29	-100.0%	142	58	144.3%
CDD WEATHER	0	119.05	-100.0%	16.67	-100.0%	8	36	-78.9%
CHI WHEAT	32,333	21,595.43	49.7%	26,771.14	20.8%	30,586	22,495	36.0%
CLASS IV MILK	311	195.95	58.5%	250.52	24.0%	311	157	97.9%
CORN	168,103	110,743.29	51.8%	168,988.19	-0.5%	141,988	152,463	-6.9%
CORN NEARBY+2 CAL SPRD	733	869.52	-15.7%	1,532.95	-52.2%	1,183	695	70.1%
DEC-DEC CORN CAL SPRD	0	0	-	0	-	0	9	-100.0%
DEC-JULY CORN CAL SPRD	36	109.52	-66.9%	179.38	-79.8%	54	17	228.6%
DRY WHEY	20	7.95	146.5%	0.14	13625.5%	21	11	93.4%
FEEDER CATTLE	1,856	863.33	115.0%	1,402.62	32.3%	1,697	1,031	64.6%
HDD EURO SEASONAL STRIP	125	0	-	0	-	17	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	34	-100.0%
HDD WEATHER	0	0	-	0	-	33	43	-22.7%
HDD WEATHER EUROPEAN	0	0	-	0	-	7	9	-19.4%
HOGS	10,695	10,154.86	5.3%	8,713.19	22.7%	11,106	9,864	12.6%
Intercommodity Spread	0	0	-	0	-	0	2	-100.0%
JULY-DEC CORN CAL SPRD	334	0	-	565.52	-41.0%	440	197	123.2%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	20.71	-100.0%	6	0	-
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	0	0	-
JULY-DEC WHEAT CAL SPRD	0	0	-	0	-	26	1	3625.4%
JULY-JULY WHEAT CAL SPRD	0	0	-	0.05	-100.0%	0	0	-
JULY-NOV SOYBEAN CAL SPRD	0	0	-	378.67	-100.0%	296	17	1672.3%
KC WHEAT	3,237	3,420.86	-5.4%	3,254.71	-0.5%	3,897	2,756	41.4%
LUMBER	15	27.86	-47.8%	14.24	2.2%	22	40	-45.1%
MAR-DEC CORN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY CORN CAL SPRD	0	0	-	0	-	66	0	-
MAR-JULY SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-	1	0	-
MILK	1,977	1,084.1	82.4%	738.71	167.6%	1,064	1,277	-16.7%
MLK MID OPTIONS	0	0	-	0.1	-100.0%	0	0	311.7%
NFD MILK	181	173.33	4.4%	156.33	15.7%	213	230	-7.3%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	4	0	-
NOV-MAR SOYBEAN CSO	0	0	-	0	-	0	0	-
OATS	7	44.9	-84.2%	7.43	-4.4%	11	14	-18.8%
PORK CUTOUT	0	0.05	-100.0%	0	-	0	5	-95.2%
ROUGH RICE	89	16.19	448.8%	71.62	24.1%	74	43	73.6%
SOYBEAN	79,902	59,949.19	33.3%	73,080.67	9.3%	81,678	84,844	-3.7%
SOYBEAN CRUSH	0	2.86	-100.0%	1.43	-100.0%	1	7	-85.8%
SOYBEAN MEAL	11,409	7,770.57	46.8%	10,207.19	11.8%	11,701	11,143	5.0%
SOYBEAN OIL	14,912	10,254.24	45.4%	11,683.76	27.6%	12,416	15,452	-19.6%
SOYBN NEARBY+2 CAL SPRD	1	334.29	-99.9%	25.24	-98.0%	136	118	15.1%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-	8	0	-
WHEAT	0	80.9	-99.6%	0	-	8	55	-84.7%
WHEAT-CORN IC50	105	0	-	28.57	267.5%	47	6	726.4%

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Ag Products Options								
WHEAT NEARBY+2 CAL SPRD	42	83.71	-49.5%	233.38	-81.9%	212	25	762.0%
TOTAL FUTURES GROUP								
Interest Rate Futures	7,168,705	5,985,759.14	19.8%	8,248,108.24	-13.1%	8,916,394	7,220,494	23.5%
Equity Index Futures	5,649,388	4,072,540.9	38.7%	6,997,756.33	-19.3%	6,509,461	4,749,598	37.1%
Metals Futures	491,277	494,693.62	-0.7%	428,701.29	14.6%	476,552	552,745	-13.8%
Energy Futures	1,689,732	1,831,125.52	-7.7%	1,769,898.14	-4.5%	1,920,549	1,911,016	0.5%
FX Futures	915,739	694,378	31.9%	1,117,085	-18.0%	888,008	763,223	16.3%
Foreign Exchange Futures	0	0	-	0.05	-100.0%	0	0	-
Ags Futures	110	70	56.4%	149.9	-27.0%	134	167	-19.8%
Ag Products Futures	956,858	902,472.1	6.0%	1,196,235.76	-20.0%	1,072,481	1,184,536	-9.5%
TOTAL FUTURES	16,871,808	13,981,039.29	20.7%	19,757,934.71	-14.6%	19,783,579.26	16,381,779.11	20.8%
TOTAL OPTIONS GROUP								
Interest Rate Options	1,877,058	1,829,762.57	2.6%	2,345,549.05	-20.0%	2,292,172	1,993,264	15.0%
Equity Index Options	1,005,050	692,683.24	45.1%	1,184,576.67	-15.2%	1,169,643	649,431	80.1%
Metals Options	61,545	43,387.19	41.9%	54,759.24	12.4%	63,881	55,968	14.1%
Energy Options	231,624	259,642.38	-10.8%	252,753.43	-8.4%	260,423	238,519	9.2%
FX Options	43,716	40,877.38	6.9%	41,867.52	4.4%	43,607	35,794	21.8%
Ag Products Options	335,173	235,451.86	42.4%	319,483.57	4.9%	310,247	312,711	-0.8%
Foreign Exchange Options	2	24.57	-90.4%	18.71	-87.4%	20	28	-26.5%
TOTAL OPTIONS	3,554,169	3,101,829.19	14.6%	4,199,008.19	-15.4%	4,139,993.51	3,285,715.8	26.0%
TOTAL COMBINED								
FX	959,455	735,255.38	30.5%	1,158,952.52	-17.2%	931,615	799,017	16.6%
Equity Index	6,654,438	4,765,224.14	39.6%	8,182,333	-18.7%	7,679,104	5,399,030	42.2%
Interest Rate	9,045,763	7,815,521.71	15.7%	10,593,657.29	-14.6%	11,208,565	9,213,758	21.7%
Energy	1,921,356	2,090,767.91	-8.1%	2,022,651.57	-5.0%	2,180,972	2,149,535	1.5%
Metals	552,822	538,080.81	2.7%	483,460.52	14.3%	540,433	608,713	-11.2%
Foreign Exchange	2	24.57	-90.4%	18.76	-87.5%	21	28	-25.9%
Ags	110	70	56.4%	149.9	-27.0%	134	167	-19.8%
Ag Products	1,292,031	1,137,923.95	13.5%	1,515,719.33	-14.8%	1,382,728	1,497,246	-7.6%
GRAND TOTAL	20,425,976	17,082,868.48	19.6%	23,956,942.9	-14.7%	23,923,572.76	19,667,494.91	21.6%

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