

CME Group Exchange ADV Report - Monthly

May 2022

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	ADV MAY 2022	ADV MAY 2021	% CHG	ADV APR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
FX Futures								
AD/CD CROSS RATES	4	4.2	-0.2%	5.25	-20.2%	3	1	140.6%
AD/JY CROSS RATES	240	98	145.0%	317.7	-24.4%	273	113	141.7%
AD/NE CROSS RATES	81	5.85	1278.9%	139.95	-42.4%	111	9	1153.8%
AUSTRALIAN DOLLAR	104,927	87,367.15	20.1%	85,699.55	22.4%	95,948	103,497	-7.3%
BP/JY CROSS RATES	153	103.7	47.1%	179.65	-15.1%	209	111	88.0%
BP/SF CROSS RATES	82	24.45	233.8%	111.7	-26.9%	105	41	156.8%
BRAZIL REAL	17,908	12,576.65	42.4%	17,674.1	1.3%	17,088	12,151	40.6%
BRITISH POUND	104,331	89,354.05	16.8%	99,748.55	4.6%	108,926	90,281	20.7%
CANADIAN DOLLAR	82,183	71,367.5	15.2%	73,274.65	12.2%	81,164	77,526	4.7%
CD/JY CROSS RATES	0	0.4	-28.6%	0.1	185.7%	6	5	5.1%
CHINESE RENMINBI (CNH)	1,917	855.15	124.2%	1,569.25	22.2%	1,259	746	68.8%
CZECK KORUNA (EC)	0	0	-	1.2	-88.1%	0	0	1782.1%
CZECK KORUNA (US)	0	0	-	0.05	281.0%	0	0	395.2%
EC/AD CROSS RATES	217	115.65	87.6%	167.65	29.4%	246	219	11.9%
EC/CD CROSS RATES	146	170.95	-14.8%	257.45	-43.4%	347	277	25.4%
EC/NOK CROSS RATES	76	11.1	583.8%	55.65	36.4%	68	32	110.5%
EC/SEK CROSS RATES	41	24.05	69.9%	38.95	4.9%	97	29	241.0%
EFX/BP CROSS RATES	3,566	1,125.35	216.9%	2,885.8	23.6%	4,343	2,322	87.1%
EFX/JY CROSS RATES	1,479	981.35	50.7%	1,700.95	-13.0%	2,949	1,573	87.5%
EFX/SF CROSS RATES	2,096	581.7	260.2%	1,040.4	101.4%	2,137	946	125.8%
E-MICRO USD/CAD	7	0	-	5.55	30.4%	14	0	-
E-MICRO USD/CHF	5	0	-	1.2	281.0%	3	0	-
E-MICRO USD/JPY	761	0	-	710.3	7.1%	411	0	-
E-MINI EURO FX	6,054	4,839.1	25.1%	5,077.05	19.2%	6,273	6,521	-3.8%
E-MINI JAPANESE YEN	453	323.55	40.0%	563.3	-19.6%	399	460	-13.2%
EURO FX	193,919	164,415.4	17.9%	179,127.6	8.3%	213,771	193,227	10.6%
HUNGARIAN FORINT (EC)	0	0	-	0.05	-4.8%	0	0	-
HUNGARIAN FORINT (US)	0	0.55	-65.4%	0.1	90.5%	0	1	-54.6%
INDIAN RUPEE	857	468.4	83.0%	1,123	-23.7%	964	750	28.6%
JAPANESE YEN	140,928	98,059.85	43.7%	143,460.2	-1.8%	131,704	103,778	26.9%
KOREAN WON	15	82	-81.1%	26.75	-42.1%	33	108	-69.0%
MEXICAN PESO	51,987	43,343.4	19.9%	41,286.65	25.9%	49,731	51,680	-3.8%
MICRO AUD/USD	15,019	9,157.7	64.0%	12,978.05	15.7%	13,188	11,546	14.2%
MICRO CAD/USD	3,574	2,821.2	26.7%	2,363.45	51.2%	2,791	2,414	15.6%
MICRO CHF/USD	895	394.5	126.9%	521.85	71.5%	602	457	31.7%
MICRO EUR/USD	32,883	20,062	63.9%	33,207.15	-1.0%	33,413	24,953	33.9%
MICRO GBP/USD	5,371	3,372.95	59.2%	3,762.95	42.7%	4,244	3,412	24.4%
MICRO INR/USD	35	82.95	-57.2%	37.2	-4.6%	39	107	-63.1%
MICRO JPY/USD	0	1,571.5	-100.0%	0	-	988	1,502	-34.2%
MICRO USD/CNH	0	0.65	-100.0%	0	-	0	0	-90.1%
NEW ZEALND DOLLAR	29,761	24,720.95	20.4%	26,479.2	12.4%	28,156	29,275	-3.8%
NKR/USD CROSS RATE	108	221.65	-51.2%	122.85	-11.9%	157	284	-44.8%
POLISH ZLOTY (EC)	2	1.2	78.6%	3.3	-35.1%	6	6	12.0%
POLISH ZLOTY (US)	39	8.7	345.5%	30.4	27.5%	70	44	59.4%
RMB USD	0	0	-	0.05	-100.0%	0	0	-
RUSSIAN RUBLE	60	2,817.2	-97.9%	51.15	17.8%	5,694	4,363	30.5%
S.AFRICAN RAND	3,893	2,422.1	60.7%	3,680.8	5.8%	4,291	2,526	69.8%
SF/JY CROSS RATES	26	0.8	3120.2%	41.85	-38.4%	27	3	684.5%
SHEKEL	1	0.05	1328.6%	0.25	185.7%	1	0	387.1%

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FX Futures								
SKR/USD CROSS RATES	285	218.15	30.8%	253.15	12.8%	361	253	42.8%
SWISS FRANC	25,197	20,527.45	22.8%	19,077	32.1%	23,306	22,682	2.7%
TURKISH LIRA	0	0.5	-81.0%	0	-	1	3	-54.7%
USDZAR	0	0	-	0	-	0	0	-45.4%
FX Options								
AUD/USD MONDAY OPTION WEEK1	7	24.85	-71.6%	4.25	65.8%	16	24	-35.1%
AUD/USD MONDAY OPTION WEEK2	18	10.45	76.8%	4.15	345.2%	26	17	54.6%
AUD/USD MONDAY OPTION WEEK3	19	5.15	261.5%	30.35	-38.7%	18	19	-3.9%
AUD/USD MONDAY OPTION WEEK4	27	14.35	85.8%	41	-35.0%	21	21	0.6%
AUD/USD MONDAY OPTION WEEK5	0	0	-	0	-	8	0	3253.9%
AUD/USD MONTHLY OPTIONS	3,948	6,239.1	-36.7%	4,887.85	-19.2%	4,806	3,643	31.9%
AUD/USD WKLY FRIDAY OPTIONS -	14	0	-	1	1300.0%	20	9	113.4%
AUD/USD WKLY FRIDAY OPTIONS -	144	98.4	46.3%	54.9	162.3%	108	84	29.2%
AUD/USD WKLY FRIDAY OPTIONS -	126	174.8	-28.1%	81.45	54.4%	130	133	-2.7%
AUD/USD WKLY FRIDAY OPTIONS -	106	100.55	4.9%	63.85	65.3%	95	159	-40.0%
AUD/USD WKLY FRIDAY OPTIONS -	0	0	-	73.15	-100.0%	20	30	-34.1%
AUD/USD WKLY WED OPTIONS - WK	87	123.25	-29.6%	13.4	547.5%	51	64	-20.9%
AUD/USD WKLY WED OPTIONS - WK	8	38.35	-80.0%	28.55	-73.1%	27	39	-29.5%
AUD/USD WKLY WED OPTIONS - WK	5	10.5	-56.0%	3.1	49.0%	10	23	-56.1%
AUD/USD WKLY WED OPTIONS - WK	52	53.7	-3.0%	30.75	69.4%	29	55	-47.2%
AUD/USD WKLY WED OPTIONS - WK	0	0	-	0	-	2	6	-63.0%
BRL/USD MONTHLY OPTIONS	9	7.35	18.6%	9.2	-5.3%	19	17	9.7%
CAD/USD MONDAY OPTIONS WEEK1	7	34.75	-81.1%	13.05	-49.6%	10	41	-76.6%
CAD/USD MONDAY OPTIONS WEEK2	36	116.9	-69.2%	66.95	-46.2%	64	49	31.3%
CAD/USD MONDAY OPTIONS WEEK3	48	12.75	277.2%	144.25	-66.7%	43	15	192.0%
CAD/USD MONDAY OPTIONS WEEK4	12	78.15	-84.5%	73.85	-83.6%	46	35	29.6%
CAD/USD MONDAY OPTIONS WEEK5	0	0	-	0	-	12	6	103.2%
CAD/USD MONTHLY OPTIONS	5,343	3,523.15	51.6%	5,567.3	-4.0%	4,773	2,762	72.8%
CAD/USD WKLY FRIDAY OPTIONS -	0	0	-	8.25	-100.0%	60	62	-4.2%
CAD/USD WKLY FRIDAY OPTIONS -	215	371.6	-42.0%	38.35	461.7%	200	188	6.4%
CAD/USD WKLY FRIDAY OPTIONS -	200	323.1	-38.0%	304.25	-34.1%	270	289	-6.7%
CAD/USD WKLY FRIDAY OPTIONS -	204	289.6	-29.7%	365.65	-44.3%	268	332	-19.1%
CAD/USD WKLY FRIDAY OPTIONS -	0	0	-	181.45	-100.0%	42	97	-57.0%
CAD/USD WKLY WED OPTIONS - WK	36	58.75	-39.5%	72.4	-50.9%	52	50	4.8%
CAD/USD WKLY WED OPTIONS - WK	26	63.55	-58.6%	62.9	-58.1%	57	61	-6.5%
CAD/USD WKLY WED OPTIONS - WK	70	150.55	-53.3%	144.35	-51.3%	81	81	-1.1%
CAD/USD WKLY WED OPTIONS - WK	89	59.4	50.3%	52.25	70.9%	92	47	94.5%
CAD/USD WKLY WED OPTIONS - WK	0	0	-	0	-	29	12	138.3%
CHF/USD MONTHLY OPTIONS	274	324.55	-15.7%	253.4	8.0%	291	234	24.3%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	5	1	837.3%
CHF/USD WKLY FRIDAY OPTIONS -	3	39.3	-91.3%	4.45	-23.0%	8	14	-46.2%
CHF/USD WKLY FRIDAY OPTIONS -	1	0.85	-4.8%	1.75	-53.7%	4	11	-64.9%
CHF/USD WKLY FRIDAY OPTIONS -	3	1.2	161.9%	1.45	116.7%	8	19	-57.9%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0.7	-100.0%	0	0	-36.9%
EUR/GBP MONTHLY OPTIONS	83	0	-	0	-	36	0	-
EUR/GBP WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-

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FX Options								
EUR/USD MONDAY OPTION WEEK1	44	31.2	40.9%	107.75	-59.2%	97	66	47.4%
EUR/USD MONDAY OPTION WEEK2	99	241.3	-59.1%	48.5	103.3%	162	94	71.6%
EUR/USD MONDAY OPTION WEEK3	61	122.85	-50.1%	81.4	-24.7%	54	36	50.1%
EUR/USD MONDAY OPTION WEEK4	60	70.6	-15.3%	563.3	-89.4%	206	106	93.7%
EUR/USD MONDAY OPTION WEEK5	0	0	-	0	-	28	16	78.2%
EUR/USD MONTHLY OPTIONS	11,778	8,480.2	38.9%	14,717.3	-20.0%	12,239	9,953	23.0%
EUR/USD WKLY FRIDAY OPTIONS -	0	0	-	90.75	-99.9%	261	117	124.0%
EUR/USD WKLY FRIDAY OPTIONS -	651	1,538.45	-57.7%	241.5	169.5%	820	706	16.3%
EUR/USD WKLY FRIDAY OPTIONS -	731	889.05	-17.8%	859.3	-14.9%	827	969	-14.6%
EUR/USD WKLY FRIDAY OPTIONS -	794	1,140.1	-30.3%	1,071.6	-25.9%	1,110	862	28.8%
EUR/USD WKLY FRIDAY OPTIONS -	0	0	-	915	-100.0%	200	328	-39.1%
EUR/USD WKLY WED OPTIONS - WK	210	380.6	-44.7%	335.2	-37.3%	318	330	-3.6%
EUR/USD WKLY WED OPTIONS - WK	157	358.9	-56.3%	207.9	-24.6%	244	351	-30.6%
EUR/USD WKLY WED OPTIONS - WK	254	249.95	1.4%	240.4	5.5%	275	369	-25.7%
EUR/USD WKLY WED OPTIONS - WK	224	334.15	-33.0%	459.9	-51.3%	314	410	-23.5%
EUR/USD WKLY WED OPTIONS - WK	0	0	-	0	-	62	55	11.7%
GBP/USD MONDAY OPTION WEEK1	10	2.6	297.4%	30.6	-66.2%	26	12	117.5%
GBP/USD MONDAY OPTION WEEK2	71	126.05	-43.4%	39.85	79.1%	49	41	18.6%
GBP/USD MONDAY OPTION WEEK3	5	5.05	8.4%	52.8	-89.6%	16	12	36.5%
GBP/USD MONDAY OPTION WEEK4	8	2.5	223.8%	7.6	6.5%	27	10	162.9%
GBP/USD MONDAY OPTION WEEK5	0	0	-	0	-	4	22	-83.8%
GBP/USD MONTHLY OPTIONS	4,193	3,997.75	4.9%	4,731	-11.4%	3,678	3,711	-0.9%
GBP/USD WKLY FRIDAY OPTIONS -	26	0	-	1.2	2038.9%	38	17	121.9%
GBP/USD WKLY FRIDAY OPTIONS -	214	162.75	31.7%	118.3	81.1%	137	115	19.3%
GBP/USD WKLY FRIDAY OPTIONS -	124	100.75	22.9%	159.95	-22.6%	187	130	44.4%
GBP/USD WKLY FRIDAY OPTIONS -	96	185.95	-48.3%	136.15	-29.4%	156	163	-4.5%
GBP/USD WKLY FRIDAY OPTIONS -	0	0	-	184.6	-100.0%	50	37	35.2%
GBP/USD WKLY WED OPTIONS - WK	14	108.2	-86.7%	88	-83.6%	71	70	1.6%
GBP/USD WKLY WED OPTIONS - WK	12	37.2	-66.6%	15.7	-20.8%	25	40	-38.6%
GBP/USD WKLY WED OPTIONS - WK	55	22.5	145.1%	40.4	36.5%	65	31	109.5%
GBP/USD WKLY WED OPTIONS - WK	21	44.4	-53.0%	49.65	-58.0%	62	53	16.7%
GBP/USD WKLY WED OPTIONS - WK	0	0	-	0	-	3	16	-80.3%
JPY/USD MONDAY OPTION WEEK1	4	17.3	-75.5%	36.6	-88.4%	20	19	5.1%
JPY/USD MONDAY OPTION WEEK2	40	38.8	3.8%	54.75	-26.4%	49	18	171.6%
JPY/USD MONDAY OPTION WEEK3	47	12.05	287.3%	20.95	122.8%	15	11	40.7%
JPY/USD MONDAY OPTION WEEK4	47	18.2	158.2%	68	-30.9%	44	9	413.1%
JPY/USD MONDAY OPTION WEEK5	0	0	-	0	-	0	3	-83.9%
JPY/USD MONTHLY OPTIONS	8,629	3,550.8	143.0%	10,914.8	-20.9%	7,745	4,018	92.8%
JPY/USD WKLY FRIDAY OPTIONS -	0	0	-	7.95	-100.0%	110	80	37.2%
JPY/USD WKLY FRIDAY OPTIONS -	593	459.85	28.9%	124.5	376.1%	465	258	80.5%
JPY/USD WKLY FRIDAY OPTIONS -	529	293.9	79.9%	532.45	-0.7%	523	435	20.2%
JPY/USD WKLY FRIDAY OPTIONS -	404	487.7	-17.1%	374.05	8.1%	480	395	21.5%
JPY/USD WKLY FRIDAY OPTIONS -	0	0	-	770.7	-100.0%	156	162	-3.2%
JPY/USD WKLY WED OPTIONS - WK	94	101.25	-7.0%	205.45	-54.2%	148	114	30.3%
JPY/USD WKLY WED OPTIONS - WK	211	156.3	34.7%	120.3	75.0%	156	140	10.7%
JPY/USD WKLY WED OPTIONS - WK	139	172.4	-19.3%	84.8	64.0%	115	144	-20.3%
JPY/USD WKLY WED OPTIONS - WK	204	146.8	39.3%	177.8	15.0%	146	134	9.6%
JPY/USD WKLY WED OPTIONS - WK	0	0	-	0	-	28	44	-37.0%

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FX Options								
MXN/USD MONTHLY OPTIONS	29	133.5	-78.3%	174.8	-83.4%	67	56	19.5%
MXN/USD WKLY FRIDAY OPTIONS -	0	17.2	-100.0%	0.85	-100.0%	0	3	-95.1%
MXN/USD WKLY FRIDAY OPTIONS -	0	2.95	-100.0%	0	-	0	1	-100.0%
MXN/USD WKLY FRIDAY OPTIONS -	0	9.65	-100.0%	0	-	0	2	-100.0%
NZD/USD MONTHLY OPTIONS	1	12.4	-93.1%	21.05	-95.9%	5	5	-8.5%
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-
RUB/USD MONTHLY OPTIONS	0	0	-	0	-	0	1	-100.0%

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Equity Index Futures								
BITCOIN	11,936	11,613.1	2.8%	7,589	57.3%	9,208	12,255	-24.9%
DJ US REAL ESTATE	2,148	1,270.85	69.0%	2,281.65	-5.9%	2,970	2,136	39.1%
E-mini (\$5) Dow	203,339	171,929.45	18.3%	185,343.05	9.7%	222,674	184,545	20.7%
E-MINI COM SERVICES SELECT SEC	188	152.8	23.2%	144.85	30.0%	179	205	-12.8%
E-mini FTSE China 50	20	0	-	114.3	-82.6%	59	0	-
E-MINI MIDCAP	13,267	10,686.8	24.1%	13,884.4	-4.4%	16,513	12,049	37.0%
E-MINI NASDAQ 100	749,093	528,942	41.6%	644,223.45	16.3%	719,522	569,747	26.3%
E-MINI RUSSELL 1000	477	196.65	142.5%	887.5	-46.3%	602	336	78.9%
E-MINI RUSSELL 1000 GROWTH	193	190.35	1.2%	166.8	15.5%	422	217	94.5%
E-MINI RUSSELL 1000 VALUE	415	422.3	-1.7%	488.7	-15.1%	1,014	1,133	-10.5%
E-MINI RUSSELL 2000	237,738	177,020.1	34.3%	208,830.75	13.8%	249,452	203,194	22.8%
E-MINI S&P500	2,026,477	1,628,845.7	24.4%	1,614,401.6	25.5%	1,908,173	1,688,638	13.0%
E-MINI S&P500 ESG	567	591.2	-4.1%	416.4	36.2%	1,520	823	84.7%
E-MINI S&P REAL ESTATE SELECT S	117	274.25	-57.5%	83.6	39.5%	338	310	8.8%
ETHER FUTURES	6,484	5,894.85	10.0%	4,178.4	55.2%	5,248	1,935	171.2%
FT-SE 100	12	0.2	5733.4%	0	-	11	0	13980.2%
FTSE Emerging	0	0	-	0	-	0	0	-100.0%
IBOVESPA INDEX	3	4.4	-41.6%	7.6	-66.2%	3	10	-67.7%
MICRO BITCOIN	22,545	30,304.05	-25.6%	15,084.15	49.5%	19,444	5,942	227.2%
MICRO E-MINI NASDAQ 100	1,757,069	1,039,172.45	69.1%	1,317,796.9	33.3%	1,579,455	1,038,229	52.1%
MICRO E-MINI RUSSELL 2000	179,046	146,994.75	21.8%	107,163.15	67.1%	163,723	167,985	-2.5%
MICRO E-MINI S&P500	1,566,786	931,006.9	68.3%	1,178,301	33.0%	1,370,785	973,992	40.7%
MICRO ETHER	26,011	0	-	19,653.15	32.4%	20,603	0	-
MICRO MINI \$5 DOW	218,248	121,643.2	79.4%	160,231.45	36.2%	216,558	138,132	56.8%
NASDAQ-100 VOLATILITY	133	1.1	11982.3%	99.95	33.0%	164	0	52315.4%
NASDAQ BIOTECH	3	30	-91.6%	8.25	-69.4%	6	33	-81.4%
Nearby BTIC+	12	0	-	80	-85.1%	25	1	2375.7%
NIKKEI 225 (\$) STOCK	5,453	5,079.3	7.4%	4,659.85	17.0%	6,148	6,340	-3.0%
NIKKEI 225 (YEN) STOCK	35,743	29,370.95	21.7%	30,265.65	18.1%	40,466	31,704	27.6%
S&P 500	1,923	3,203.7	-40.0%	1,407.55	36.6%	3,644	6,102	-40.3%
S&P 500 ANNUAL DIVIDEND INDEX F	5,903	2,570.45	129.6%	2,943.55	100.5%	4,665	3,081	51.4%
S&P 500 QUARLY DIVIDEND INDEX F	235	3	7747.6%	30.05	683.5%	210	68	208.4%
S&P CONSUMER DSCRTNRY SECTC	719	476.9	50.7%	310.85	131.2%	620	636	-2.5%
S&P CONSUMER STAPLES SECTOR	1,282	728.25	76.1%	1,062.65	20.7%	1,254	1,223	2.6%
S&P ENERGY SECTOR	2,147	1,829.6	17.3%	1,383.1	55.2%	2,963	2,290	29.4%
S&P FINANCIAL SECTOR	1,420	1,301.1	9.1%	969.45	46.5%	1,900	2,961	-35.8%
S&P HEALTH CARE SECTOR	1,075	571.2	88.3%	874.15	23.0%	1,252	818	53.1%
S&P INDUSTRIAL SECTOR	1,368	704.2	94.2%	709.35	92.8%	1,330	1,142	16.4%
S&P MATERIALS SECTOR	508	441.1	15.1%	403.55	25.8%	739	554	33.5%
S&P TECHNOLOGY SECTOR	862	554.75	55.5%	573.55	50.4%	1,220	695	75.5%
S&P UTILITIES SECTOR	1,339	758.8	76.5%	1,121.05	19.5%	1,675	1,214	38.0%
S&P VALUE INDEX FUTURES	0	0	-	0	-	0	4	-100.0%
WATER INDEX FUTURES	3	3.4	-7.6%	4.45	-29.4%	5	7	-26.5%
YEN DENOMINATED TOPIX	5	48.2	-90.1%	137.8	-96.5%	148	67	122.3%

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	ADV MAY 2022	ADV MAY 2021	% CHG	ADV APR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Equity Index Options								
BITCOIN OPTIONS	181	81.35	122.1%	72.55	149.0%	113	78	45.0%
E-mini (\$5) Dow	90	90.4	0.1%	104.15	-13.1%	113	80	40.8%
E-MINI NASDAQ 100	72,197	29,182.8	147.4%	47,288.7	52.7%	47,805	25,401	88.2%
E-mini Russell 2000	5,186	3,506.4	47.9%	6,036.05	-14.1%	6,008	3,990	50.6%
E-MINI RUSSELL 2000	2,118	1,439.2	47.1%	1,070.3	97.9%	1,732	1,487	16.4%
E-mini S&P 500	588,212	365,170.45	61.1%	553,513.9	6.3%	602,490	329,219	83.0%
E-MINI S&P500	597,415	322,010.95	85.5%	489,408	22.1%	524,418	277,810	88.8%
EOM S&P 500	0	128	-100.0%	0	-	0	122	-100.0%
MICRO BITCOIN	406	0	-	178.8	127.3%	119	0	-
Micro E-mini Nasdaq-100	2,192	2,155.25	1.7%	2,463.05	-11.0%	2,521	1,143	120.5%
MICRO E-MINI NASDAQ 100	624	416.6	49.7%	376.45	65.7%	647	217	198.5%
Micro E-mini S&P 500	10,880	8,022.55	35.6%	8,299.7	31.1%	12,144	6,666	82.2%
MICRO ETHER	407	0	-	878.5	-53.6%	449	0	-
S&P 500	0	8,855.35	-100.0%	0	-	0	7,473	-100.0%

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	ADV MAY 2022	ADV MAY 2021	% CHG	ADV APR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Interest Rate Futures								
10-YR Eris LIBOR	307	67	357.6%	488.1	-37.2%	721	372	93.8%
10-YR Eris SOFR	0	1.5	-100.0%	0	-	41	1	4521.1%
10-YR MAC LIBOR	479	2,121.75	-77.4%	438.35	9.3%	1,893	5,397	-64.9%
10-YR NOTE	2,273,798	2,399,109.05	-5.2%	1,698,865.55	33.8%	2,069,634	2,095,091	-1.2%
10Y YIELD	2,973	0	-	7,786.2	-61.8%	5,187	0	-
15-YR Eris LIBOR	0	0	-	0	-	15	0	-
1-MONTH EURODOLLAR	199	0	-	226.65	-12.4%	652	0	-
1-YR Eris BSBY	19	0	-	15	27.0%	7	0	-
1-YR Eris SOFR	665	3,727.5	-82.2%	1,091.65	-39.1%	1,463	3,734	-60.8%
20-YR BOND	202	0	-	196.65	2.9%	204	0	-
20-YR SWAP RATE	0	0	-	0	-	0	0	-
2-YR Eris LIBOR	1,440	239	502.6%	1,469.45	-2.0%	3,091	505	512.6%
2-YR Eris SOFR	445	188.6	135.7%	889.3	-50.0%	684	134	411.4%
2-YR NOTE	981,956	693,520.65	41.6%	644,247.3	52.4%	752,207	491,531	53.0%
2Y YIELD	341	0	-	462.6	-26.4%	379	0	-
30-YR BOND	526,981	581,586.3	-9.4%	340,222.75	54.9%	436,602	506,102	-13.7%
30-YR Eris LIBOR	0	0	-	0	-	6	6	-0.7%
30-YR SWAP RATE	0	0	-	0	-	42	0	-
30Y YIELD	698	0	-	627.55	11.3%	562	0	-
3-YR Eris BSBY	0	0	-	0.2	-100.0%	0	0	-
3-YR Eris LIBOR	1,227	188	552.6%	772.15	58.9%	1,461	437	234.6%
3-YR Eris SOFR	211	28.5	640.5%	134.55	56.9%	209	49	327.6%
3-YR NOTE	15,214	9,185.15	65.6%	14,829.65	2.6%	16,541	8,687	90.4%
4-YR Eris LIBOR	101	76.4	32.1%	217.75	-53.7%	373	88	324.4%
4-YR Eris SOFR	29	6.5	340.3%	19.5	46.8%	59	20	200.6%
5-YR Eris LIBOR	1,148	616.85	86.1%	828.35	38.6%	2,339	1,412	65.7%
5-YR Eris SOFR	187	6	3011.9%	88.3	111.5%	131	13	905.7%
5-YR MAC LIBOR	829	1,356.2	-38.9%	1,194.7	-30.6%	1,428	2,623	-45.6%
5-YR NOTE	1,784,381	1,518,359.2	17.5%	1,148,369.6	55.4%	1,462,254	1,231,299	18.8%
5Y YIELD	66	0	-	124.85	-46.8%	116	0	-
7-YR Eris LIBOR	168	144.25	16.7%	160.3	5.0%	284	137	106.6%
7-YR Eris SOFR	14	0	-	0	-	50	0	-
BSBY 3-MONTH FUTURES	2,851	0	-	3,302.45	-13.7%	4,107	0	-
EURODOLLARS	1,489,680	2,060,035.05	-27.7%	1,750,167.85	-14.9%	2,285,487	2,404,476	-4.9%
FED FUND	256,429	79,970.3	220.7%	264,262	-3.0%	352,988	92,345	282.2%
SOFR	1,484,672	115,562.5	1184.7%	1,407,402.95	5.5%	1,298,066	112,327	1055.6%
SONIA	0	4,392	-100.0%	0.6	-100.0%	10	6,296	-99.8%
TIIE	1	2.5	-56.2%	3	-63.5%	5	0	922.0%
Ultra 10-Year Note	475,197	517,330.6	-8.1%	334,289.25	42.2%	431,193	399,243	8.0%
ULTRA T-BOND	371,166	333,002.95	11.5%	166,619.6	122.8%	261,514	252,973	3.4%

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	ADV MAY 2022	ADV MAY 2021	% CHG	ADV APR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Interest Rate Options								
10-YR NOTE	594,606	708,307.5	-16.1%	536,241.25	10.9%	667,757	705,635	-5.4%
2-YR NOTE	866	120.8	616.6%	1,422.1	-39.1%	1,258	680	85.2%
30-YR BOND	129,333	105,298.35	22.8%	130,603.6	-1.0%	123,655	135,193	-8.5%
5-YR NOTE	210,018	130,086	61.4%	277,682.45	-24.4%	269,584	158,688	69.9%
EURODOLLARS	517,382	201,208.1	157.1%	486,153.65	6.4%	737,039	216,526	240.4%
EURO MIDCURVE	325,562	726,959.6	-55.2%	325,919.75	-0.1%	488,823	809,064	-39.6%
FED FUND	0	0	-	0	-	0	0	-
SOFR	142,903	80	178529.3%	48,294.95	195.9%	52,313	42	123131.2%
SOFR MIDCURVE	31,060	0	-	27,283.3	13.8%	21,304	0	4345782.2%
Ultra 10-Year Note	9	0	-	5.5	67.1%	7	0	-
ULTRA T-BOND	103	25.85	298.8%	84.1	22.6%	154	26	486.6%
Energy Futures								
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	239	495	-51.8%	531.5	-55.1%	215	405	-46.9%
ARGUS PROPAN FAR EST INDE	283	267.9	5.5%	250.1	13.1%	271	282	-3.9%
ARGUS PROPAN(SAUDI ARAMCO	103	66.1	56.0%	101.75	1.3%	109	96	13.5%
BRENT BALMO SWAP	0	7.5	-100.0%	0	-	14	7	96.3%
BRENT CALENDAR SWAP	218	466	-53.2%	512.7	-57.5%	751	387	94.2%
BRENT FINANCIAL FUTURES	0	0	-	0	-	0	40	-100.0%
BRENT OIL LAST DAY	57,644	80,906.85	-28.8%	51,311.5	12.3%	79,107	104,850	-24.6%
CAR VINTAGE	387	1.85	20813.8%	333.75	15.9%	608	2	26725.4%
CHICAGO ETHANOL SWAP	2,521	3,993.35	-36.9%	2,749.05	-8.3%	2,815	3,850	-26.9%
CHICAGO ULSD PL VS HO SPR	36	18.5	94.3%	39.5	-9.0%	36	27	32.5%
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-	0	4	-100.0%
CONWAY NATURAL GASOLINE (OPI	32	0	-	24.05	33.7%	15	6	143.5%
CONWAY NORMAL BUTANE (OPIS) S	11	10.25	6.9%	29.75	-63.2%	14	7	101.3%
CONWAY PROPANE 5 DECIMALS S	902	801.25	12.5%	912.15	-1.2%	738	615	20.0%
CRUDE OIL	0	0	-	0	-	0	32	-100.0%
CRUDE OIL LAST DAY	24	18.95	25.6%	11.45	107.9%	18	20	-10.1%
CRUDE OIL OUTRIGHTS	3,660	2,624.9	39.4%	4,204.45	-12.9%	3,657	3,419	6.9%
CRUDE OIL PHY	768,963	954,328.55	-19.4%	826,098.5	-6.9%	1,053,663	1,029,237	2.4%
CRUDE OIL SPRDS	2,821	1,417	99.1%	2,257.35	25.0%	2,501	1,490	67.8%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
DAILY PJM	0	0	-	0	-	0	0	-
DATED TO FRONTLINE BRENT	0	27.75	-100.0%	0	-	22	12	80.9%
DIESEL 10P BRG FOB RDM VS	0	0	-	0.25	-100.0%	0	0	-83.5%
DOMINION TRANSMISSION INC	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL CALENDAR	0	0	-	0	-	19	0	-
DUTCH TTF NATURAL GAS CAL MO	25	3,620.4	-99.3%	56.2	-56.0%	138	2,876	-95.2%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	0	20.5	-100.0%	3.9	-100.0%	4	29	-84.8%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-	0	0	-
EMMISSIONS	40	0	-	52.55	-23.7%	20	0	-
ETHANOL	0	4.2	-100.0%	0	-	0	2	-95.8%

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Energy Futures								
ETHANOL SWAP	3	9.75	-73.1%	7.5	-65.1%	11	6	95.4%
ETHANOL T2 FOB ROTT INCL DUTY	177	162.35	9.0%	90.7	95.0%	158	184	-14.1%
EURO 3.5% FUEL OIL RDAM B	0	0	-	0	-	0	0	-
EURO GASOIL 10PPM VS ICE	1	0	-	6.5	-78.0%	11	8	41.2%
EUROPE 1% FUEL OIL NWE CA	0	0	-	0	-	0	0	-100.0%
EUROPE 3.5% FUEL OIL MED	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL RDAM	0	0	-	0	-	5	2	150.3%
EUROPEAN GASOIL (ICE)	97	4.9	1880.6%	83.95	15.6%	92	43	114.8%
EUROPEAN NAPHTHA BALMO	1	0	-	1.75	-45.6%	1	0	766.3%
EUROPEAN NAPHTHA CRACK SPR	128	17.35	638.3%	48.05	166.6%	142	31	355.7%
EUROPE DATED BRENT SWAP	0	0	-	0	-	0	7	-100.0%
EUROPE JET KERO NWE CALSW	0	0	-	0	-	0	0	-
EUROPE NAPHTHA CALSWAP	30	15.6	89.9%	16.2	82.8%	39	22	74.4%
EURO PROPANE CIF ARA SWA	71	43.3	63.4%	65.5	8.0%	88	72	22.1%
FREIGHT MARKETS	11	1.95	486.1%	1.65	592.6%	12	9	28.7%
FUEL OIL CRACK VS ICE	4	0	-	8.25	-56.7%	11	13	-11.1%
FUEL OIL NWE CRACK VS ICE	0	3.6	-100.0%	0	-	1	1	-9.2%
FUELOIL SWAP:CARGOES VS.B	0	0	-	0	-	0	0	-
GAS EURO-BOB OXY NWE BARGES	9	6.1	42.1%	10.6	-18.2%	12	23	-48.2%
GAS EURO-BOB OXY NWE BARGES	128	129.9	-1.3%	74.1	73.1%	173	220	-21.5%
GASOIL 0.1CIF MED VS ICE	0	3	-100.0%	0	-	0	1	-25.7%
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0	-	0	0	-67.0%
GASOIL 0.1 ROTTERDAM BARG	0	0	-	0.25	-100.0%	0	0	-1.0%
GASOIL CALENDAR SWAP	0	2.1	-100.0%	0.25	-100.0%	9	6	40.9%
GASOIL CRACK SPREAD CALEN	19	31.35	-39.2%	54.9	-65.3%	102	43	138.7%
GASOIL MINI CALENDAR SWAP	10	22.6	-55.3%	8.25	22.4%	20	21	-5.1%
GERMAN POWER BASELOAD CAL M	0	0	-	0	-	0	0	-100.0%
GRP THREE ULSD(PLT)VS HEA	137	253.25	-46.0%	358.75	-61.9%	297	245	21.2%
GRP THREE UNL GS (PLT) VS	152	119.75	26.9%	245.5	-38.1%	208	136	53.1%
GULF COAST 3% FUEL OIL BA	4	0	-	0	-	7	0	-
GULF COAST JET FUEL CLNDR	0	0	-	0	-	0	0	-
GULF COAST JET VS NYM 2 H	354	794.45	-55.4%	295.95	19.6%	647	1,071	-39.6%
GULF COAST NO.6 FUEL OIL	321	130.25	146.8%	463.9	-30.7%	499	135	270.1%
GULF COAST ULSD CALENDAR	0	21.1	-100.0%	3.5	-100.0%	4	28	-87.2%
GULF COAST ULSD CRACK SPR	0	0	-	0	-	0	0	-
HEATING OIL BALMO CLNDR S	62	27.15	127.3%	0.75	8128.6%	27	17	59.3%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	24	-100.0%
HEATING OIL PHY	140,638	141,412.9	-0.5%	123,608.75	13.8%	171,536	153,792	11.5%
HENRY HUB SWAP	966	1,596.45	-39.5%	1,080.6	-10.6%	1,377	1,293	6.5%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-	0	0	-
HTG OIL	0	0	-	1.8	-100.0%	0	1	-40.6%
ICE BRENT DUBAI SWAP	2	25.35	-91.0%	6.75	-66.1%	21	38	-46.0%
ICE GASOIL BALMO SWAP	0	0	-	0	-	0	0	-100.0%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	0	7.5	-100.0%	0	-	0	10	-100.0%
JAPAN C&F NAPHTHA CRACK S	4	0	-	0	-	1	0	-
JAPAN C&F NAPHTHA SWAP	7	3.55	107.9%	4.85	52.2%	7	3	95.5%
JAPAN NAPHTHA BALMO SWAP	0	0	-	0	-	0	0	-

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	ADV MAY 2022	ADV MAY 2021	% CHG	ADV APR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Energy Futures								
JET CIF NWE VS ICE	13	10.8	19.5%	1.7	659.1%	12	7	65.6%
JET FUEL UP-DOWN BALMO CL	110	66.25	65.3%	51.75	111.6%	129	48	168.1%
JKM LNG Futures	24	21.3	14.9%	14.5	68.8%	20	21	-0.3%
LA CARB DIESEL (OPIS) SWA	2	17.75	-86.6%	14.1	-83.1%	21	10	104.0%
LA CARBOB GASOLINE(OPIS)S	0	6.25	-100.0%	0	-	0	2	-100.0%
LA JET (OPIS) SWAP	21	8	167.9%	28.75	-25.5%	30	13	126.4%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	0	0	-	0	-	1	10	-90.5%
LTD NAT GAS	17,293	14,370.1	20.3%	21,313.7	-18.9%	17,646	13,469	31.0%
MARS (ARGUS) VS WTI SWAP	0	0	-	0	-	14	13	11.2%
MARS (ARGUS) VS WTI TRD M	741	962.75	-23.0%	605	22.5%	750	951	-21.2%
MCCLOSKEY ARA ARGS COAL	279	440.6	-36.7%	266.05	4.8%	349	673	-48.1%
MCCLOSKEY RCH BAY COAL	10	27.15	-63.7%	23.3	-57.7%	22	43	-48.8%
MGN1 SWAP FUT	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	0	0	-	0.25	-100.0%	2	1	174.6%
MINI RBOB V. EBOBARG NWE BRGS	0	3.5	-100.0%	0	-	0	2	-100.0%
MINI RBOB V. EBOB(ARGUS) NWE B	9	28.4	-70.0%	38	-77.6%	21	33	-35.2%
MINY HTG OIL	0	0.25	-4.8%	0.6	-60.3%	0	0	14.0%
MINY NATURAL GAS	20,598	3,175.65	548.6%	24,159.6	-14.7%	14,923	5,311	181.0%
MINY RBOB GAS	0	0.4	-4.8%	0.6	-36.5%	0	0	3.5%
MINY WTI CRUDE OIL	24,457	19,937.85	22.7%	26,867	-9.0%	31,409	19,537	60.8%
MJC FUT	0	0	-	0	-	0	0	-100.0%
MNC FUT	80	22.75	251.0%	60.8	31.3%	82	20	302.6%
MONT BELVIEU ETHANE 5 DECIMAL	1,859	1,011.85	83.7%	1,431.75	29.8%	1,641	1,170	40.2%
MONT BELVIEU ETHANE OPIS BALM	59	18.25	222.2%	23.75	147.6%	45	19	135.8%
MONT BELVIEU LDH PROPANE 5 DE	7,541	7,764.3	-2.9%	7,776.95	-3.0%	8,581	8,622	-0.5%
MONT BELVIEU LDH PROPANE OPIS	61	44.7	36.8%	206	-70.3%	176	171	3.0%
MONT BELVIEU NATURAL GASOLIN	1,597	628.05	154.3%	984.6	62.2%	1,095	649	68.9%
MONT BELVIEU NATURAL GASOLIN	79	23.25	239.8%	86.15	-8.3%	59	26	125.1%
MONT BELVIEU NORMAL BUTANE 5	2,705	2,388.65	13.2%	2,345.95	15.3%	2,497	2,233	11.8%
MONT BELVIEU NORMAL BUTANE B	45	69.6	-35.3%	60.8	-26.0%	82	69	18.8%
NATURAL GAS	8,035	4,820.5	66.7%	11,153.1	-28.0%	9,209	5,465	68.5%
NATURAL GAS PEN SWP	2,524	1,616.35	56.2%	2,082.25	21.2%	2,421	2,413	0.3%
NATURAL GAS PHY	316,611	300,924.95	5.2%	446,549.85	-29.1%	382,012	377,077	1.3%
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	63	2.5	2433.3%	26.35	140.4%	42	7	481.6%
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	40	21.2	89.8%	83.3	-51.7%	51	46	10.6%
NY HARBOR LOW SULPUR GAS 100C	0	0	-	0	-	0	15	-100.0%
NY HARBOR RESIDUAL FUEL 1	18	7.5	138.1%	10	78.6%	9	9	4.5%
NYH NO 2 CRACK SPREAD CAL	70	79.7	-12.4%	196.2	-64.4%	120	94	27.5%
NYISO CAPACITY	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	0	0	-	0	-	0	0	-

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	ADV MAY 2022	ADV MAY 2021	% CHG	ADV APR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Energy Futures								
NYISO ZONE G 5MW D AH PK	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	25	0	-	0	-	19	0	3774.0%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-	0	0	-
PETROCHEMICALS	138	133.7	2.9%	146.4	-6.1%	177	153	15.5%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	936	937.25	-0.2%	589.6	58.7%	1,081	1,316	-17.9%
PETRO CRK&SPRD EURO	18	32.2	-45.4%	30.1	-41.6%	54	32	70.5%
PETROLEUM PRODUCTS	79	80.2	-1.1%	131.4	-39.6%	108	33	228.7%
PETROLEUM PRODUCTS ASIA	69	4.25	1523.5%	41.15	67.7%	56	6	846.3%
PETRO OUTRIGHT EURO	385	301.75	27.6%	423.05	-9.0%	564	337	67.5%
PETRO OUTRIGHT NA	159	176	-9.6%	115.6	37.7%	239	160	49.4%
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	28	14.95	86.0%	47.15	-41.0%	49	83	-41.6%
PREMIUM UNLD 10P FOB MED	0	0	-	0	-	0	0	-
PROPANE NON-LDH MB (OPIS) BAL	75	59	26.8%	65	15.1%	82	77	6.3%
PROPANE NON-LDH MT. BEL (OPIS)	728	511.9	42.2%	558.5	30.3%	643	876	-26.5%
RBOB CALENDAR SWAP	319	372.75	-14.5%	299.4	6.5%	321	298	7.8%
RBOB CRACK SPREAD	43	110.05	-61.2%	120	-64.4%	117	121	-3.6%
RBOB GAS	0	0	-	1.2	-100.0%	0	1	-60.4%
RBOB GASOLINE BALMO CLNDR	191	46.9	306.3%	23.45	712.7%	93	19	378.6%
RBOB PHY	190,381	197,551.9	-3.6%	157,806.85	20.6%	189,809	197,445	-3.9%
RBOB VS HEATING OIL SWAP	0	0	-	0	-	4	4	-8.3%
SINGAPORE 380CST BALMO	0	0	-	0.05	-100.0%	0	0	-
SINGAPORE 380CST FUEL OIL	2	15.7	-88.8%	10.15	-82.6%	12	10	16.6%
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL SPREAD	0	0	-	0	-	0	0	-
SINGAPORE GASOIL	41	16.55	146.6%	63.25	-35.5%	48	26	82.4%
SINGAPORE GASOIL CALENDAR	3	24.3	-87.3%	6	-48.4%	11	37	-71.1%
SINGAPORE GASOIL SWAP	12	44.55	-72.6%	45.05	-72.9%	28	79	-64.8%
SINGAPORE GASOIL VS ICE	0	30	-100.0%	0	-	38	35	9.8%
SINGAPORE JET KERO GASOIL	8	0	-	0	-	35	3	1105.8%
SINGAPORE JET KEROSENE SW	0	20	-100.0%	0	-	4	8	-51.4%
SINGAPORE MOGAS 92 UNLEADED	0	0	-	0	-	2	3	-30.7%
SINGAPORE MOGAS 92 UNLEADED	8	4.1	105.6%	0	-	5	19	-76.2%
TC2 ROTTERDAM TO USAC 37K	2	0	-	0	-	3	1	149.0%
TC5 RAS TANURA TO YOKOHAM	0	0	-	0	-	1	1	-45.0%
TD3 MEG TO JAPAN 250K MT	0	22	-100.0%	0	-	60	89	-32.8%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-	0	0	-
UK NBP NAT GAS CAL MTH FUT	0	0	-	0	-	0	24	-100.0%
ULSD UP-DOWN BALMO SWP	470	371.75	26.5%	281.65	67.0%	395	281	40.7%
UP DOWN GC ULSD VS NMX HO	1,169	1,315	-11.1%	903.55	29.4%	1,711	1,423	20.2%
WTI-BRENT CALENDAR SWAP	1,838	1,629.7	12.8%	2,380.3	-22.8%	2,920	1,904	53.4%
WTI CALENDAR	2,347	2,848.1	-17.6%	3,320.75	-29.3%	3,454	2,630	31.3%
WTI MIDLAND CRUDE OIL	0	0	-	0	-	0	17	-100.0%

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	ADV MAY 2022	ADV MAY 2021	% CHG	ADV APR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Energy Futures								
WTS (ARGUS) VS WTI SWAP	77	88.9	-13.2%	82.5	-6.5%	159	176	-9.5%
WTS (ARGUS) VS WTI TRD MT	35	97.5	-63.9%	45	-21.7%	51	46	10.4%
Energy Options								
BRENT CALENDAR SWAP	23	0	-	0	-	30	7	334.1%
BRENT CRUDE OIL 1 M CSO	83	25	233.3%	177.5	-53.1%	867	691	25.4%
BRENT OIL LAST DAY	1,379	1,333.2	3.4%	1,790.55	-23.0%	1,615	2,774	-41.8%
COAL API2 INDEX	3	24	-86.9%	5.2	-39.6%	5	14	-66.5%
CRUDE OIL	0	0	-	0	-	0	0	-
CRUDE OIL 1MO	2,355	6,691.25	-64.8%	2,976.6	-20.9%	4,131	7,370	-43.9%
CRUDE OIL APO	629	1,947.2	-67.7%	488.55	28.7%	1,080	1,797	-39.9%
CRUDE OIL CALNDR STRIP	0	0	-	0	-	0	0	-
CRUDE OIL PHY	96,601	100,990.6	-4.3%	101,694.95	-5.0%	135,821	113,177	20.0%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ETHANOL SWAP	104	160.25	-35.0%	91.15	14.4%	171	123	38.7%
FREIGHT MARKETS	0	0	-	0	-	0	0	-
HEATING OIL CRK SPD AVG PRICE	24	0	-	12.5	90.5%	7	3	125.1%
HEATING OIL PHY	400	258.55	54.8%	337.4	18.6%	631	276	128.5%
HENRY HUB FINANCIAL LAST	150	334.35	-55.0%	219.85	-31.6%	282	556	-49.3%
HO 1 MONTH CLNDR OPTIONS	117	0	-	8.75	1233.3%	32	0	-
LLS CRUDE OIL	43	0	-	0	-	20	0	-
MCCLOSKEY ARA ARGS COAL	0	0	-	0	-	0	3	-100.0%
NATURAL GAS	7	0	-	0.45	1349.7%	34	0	-
NATURAL GAS 1 M CSO FIN	2,690	1,160	131.9%	3,222.5	-16.5%	5,473	1,961	179.1%
NATURAL GAS 2 M CSO FIN	169	0	-	450	-62.4%	122	57	114.3%
NATURAL GAS 3 M CSO FIN	3,219	1,100	192.6%	1,747.5	84.2%	1,783	859	107.5%
NATURAL GAS 5 M CSO FIN	0	100	-100.0%	645	-100.0%	449	109	310.8%
NATURAL GAS 6 M CSO FIN	310	0	-	0	-	717	664	8.1%
NATURAL GAS OPT	111	2,317	-95.2%	53.75	106.0%	61	1,274	-95.2%
NATURAL GAS OPTION ON CALEND	0	50	-100.0%	0	-	6	159	-96.3%
NATURAL GAS PHY	96,167	79,196.8	21.4%	126,955.85	-24.3%	109,467	94,493	15.8%
NATURAL GAS SUMMER STRIP	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	107	47.75	123.6%	136.25	-21.6%	102	41	149.9%
PETROCHEMICALS	4	107.45	-96.4%	15	-74.3%	9	42	-79.7%
PETRO OUTRIGHT EURO	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	0	3	-100.0%	0	-	4	8	-54.2%
PJM WES HUB PEAK CAL MTH	0	0	-	0	-	0	0	-
PJM WES HUB PEAK LMP 50MW	0	0	-	0	-	0	0	-
RBOB CALENDAR SWAP	77	0	-	3	2463.5%	17	11	59.3%
RBOB PHY	291	269.1	8.0%	75.9	283.0%	176	350	-49.7%
SHORT TERM	50	0	-	17.5	185.7%	19	8	140.1%
SHORT TERM NATURAL GAS	105	10	947.6%	57.5	82.2%	43	18	132.4%
WTI-BRENT BULLET SWAP	195	466.25	-58.1%	1,165	-83.2%	1,244	1,411	-11.8%
WTI CRUDE OIL 1 M CSO FI	7,145	2,046.25	249.2%	2,952.5	142.0%	3,160	3,658	-13.6%

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	ADV MAY 2022	ADV MAY 2021	% CHG	ADV APR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Metals Futures								
ALUMINUM	2,054	1,088.1	88.8%	1,309.8	56.8%	1,388	922	50.6%
COBALT METAL FUTURES	35	12	194.0%	29.45	19.8%	25	11	138.2%
COMEX COPPER	64,536	109,629.3	-41.1%	86,594.3	-25.5%	81,540	115,041	-29.1%
COMEX E-Mini GOLD	1,640	1,018.15	61.1%	1,235.95	32.7%	1,565	1,159	35.0%
COMEX E-Mini SILVER	177	266.5	-33.7%	202.4	-12.7%	202	385	-47.5%
COMEX GOLD	235,073	315,541.7	-25.5%	168,779.45	39.3%	239,270	263,742	-9.3%
COMEX MINY COPPER	144	245	-41.4%	210.95	-32.0%	176	190	-7.2%
COMEX SILVER	57,334	75,787.15	-24.3%	74,444.15	-23.0%	68,198	92,973	-26.6%
COPPER	2,107	132.9	1485.5%	117.65	1691.0%	519	143	262.4%
FERROUS PRODUCTS	120	63.5	89.7%	74.75	61.2%	129	85	52.2%
GOLD	37	157.5	-76.3%	490.75	-92.4%	490	189	159.5%
HOT ROLLED COIL STEEL FUTURES	156	21.1	638.9%	83.2	87.4%	110	44	147.8%
IRON ORE CHINA	41	47.55	-13.0%	67.25	-38.5%	59	49	21.7%
METALS	7	0.25	2642.9%	7.5	-8.6%	13	0	2687.2%
MICRO GOLD	47,068	59,284.55	-20.6%	50,477.6	-6.8%	57,906	63,982	-9.5%
NYMEX HOT ROLLED STEEL	794	1,048.8	-24.3%	1,006.1	-21.1%	1,189	1,074	10.7%
NYMEX PLATINUM	15,957	15,031.85	6.2%	16,267.6	-1.9%	19,564	17,170	13.9%
PALLADIUM	2,525	3,260.2	-22.5%	1,396.65	80.8%	2,522	2,465	2.3%
SILVER	7,861	10,062.6	-21.9%	7,770.15	1.2%	8,581	12,161	-29.4%
URANIUM	0	23	-100.0%	0.3	-100.0%	0	8	-97.2%
Metals Options								
ALUMINUM	0	0	-	0	-	0	12	-100.0%
COMEX COPPER	4,163	4,898.7	-15.0%	3,661.9	13.7%	3,521	3,255	8.2%
COMEX GOLD	40,851	33,860.9	20.6%	37,935.05	7.7%	45,382	37,880	19.8%
COMEX SILVER	6,136	7,806.95	-21.4%	4,783.05	28.3%	5,574	8,799	-36.7%
COPPER	32	1.15	2653.6%	22.5	40.7%	23	1	2508.7%
GOLD	8,935	8,825.9	1.2%	9,908.6	-9.8%	10,365	8,164	27.0%
IRON ORE CHINA	0	21.2	-100.0%	0	-	0	7	-100.0%
NYMEX HOT ROLLED STEEL	44	1.25	3427.6%	33.75	30.7%	77	13	512.5%
NYMEX PLATINUM	147	107.85	36.2%	336.5	-56.3%	310	165	87.4%
PALLADIUM	0	29.55	-98.9%	2.1	-84.1%	1	34	-97.2%
SILVER	745	477.95	55.9%	628.05	18.6%	943	432	118.1%
Foreign Exchange Futures								
CHILEAN PESO	0	0	-	0	-	0	0	-
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS - WK	23	31.65	-25.8%	4.35	439.7%	24	34	-27.6%

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Ags Futures								
FERTILIZER PRODUCTS	68	224.45	-69.8%	64.2	5.5%	136	176	-23.0%

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Ag Products Futures								
BLOCK CHEESE	5	40.25	-86.9%	9.75	-45.8%	18	48	-63.4%
BUTTER CS	196	222.6	-12.0%	178.9	9.5%	228	223	2.3%
CASH-SETTLED CHEESE	418	532.3	-21.5%	379.85	10.0%	477	587	-18.7%
CAT ASIA WEATHER	0	0	-	0	-	0	12	-100.0%
CATTLE	61,931	58,960.6	5.0%	50,708.65	22.1%	62,018	60,035	3.3%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	0	-
CDD SEASONAL STRIP	188	108.75	73.0%	77.5	142.7%	64	51	24.1%
CDD WEATHER	790	155	410.0%	137.5	474.9%	207	50	312.5%
CHI WHEAT	86,963	109,124.4	-20.3%	89,427.05	-2.8%	112,943	130,137	-13.2%
CLASS IV MILK	133	48.45	174.0%	86.85	52.9%	129	34	275.2%
COFFEE	0	0	-	0	-	0	0	-100.0%
CORN	258,138	395,669.6	-34.8%	364,644.35	-29.2%	344,613	407,085	-15.3%
DJ_UBS ROLL SELECT INDEX FUTU	74	32.7	127.6%	37.2	100.1%	260	70	274.0%
DOW-UBS COMMOD INDEX	2,062	1,953	5.6%	892.6	131.0%	2,554	2,175	17.4%
DRY WHEY	54	140.1	-61.6%	51.4	4.8%	52	123	-57.6%
FEEDER CATTLE	10,409	10,069.25	3.4%	14,109.25	-26.2%	12,731	11,826	7.7%
FERTILIZER PRODUCS	0	0	-	0	-	0	0	-
GOLDMAN SACHS	172	472.25	-63.6%	168.45	2.0%	185	588	-68.5%
GSCI EXCESS RETURN FUT	167	252.1	-33.8%	224.4	-25.6%	1,574	1,339	17.6%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	0	0	-	0	-	78	111	-30.2%
HDD WEATHER EUROPEAN	0	0	-	0	-	38	16	139.8%
HOGS	49,302	52,208.55	-5.6%	36,786.85	34.0%	47,349	46,441	2.0%
HOUSING INDEX	2	0.55	324.2%	0.15	1455.5%	1	1	50.2%
KC WHEAT	32,731	48,941.45	-33.1%	38,970.5	-16.0%	47,069	53,895	-12.7%
LUMBER	313	638.05	-51.0%	350.35	-10.8%	387	503	-23.0%
MALAYSIAN PALM SWAP	0	341	-100.0%	0	-	0	363	-100.0%
MILK	1,300	1,131.1	14.9%	1,390	-6.5%	1,492	1,182	26.2%
MINI CORN	2,415	5,730.75	-57.9%	2,674.6	-9.7%	3,206	3,644	-12.0%
MINI SOYBEAN	2,136	3,115.2	-31.4%	2,044.75	4.4%	3,118	3,379	-7.7%
MINI WHEAT	1,276	1,159.95	10.0%	819.55	55.7%	1,423	995	43.0%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	192	279.2	-31.1%	311.75	-38.3%	316	308	2.7%
OATS	333	482.85	-31.1%	428.2	-22.3%	459	479	-4.1%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	0	-
PORK CUTOUT	134	98.1	36.5%	85.8	56.1%	125	173	-28.0%
ROUGH RICE	714	707.25	1.0%	1,289.45	-44.6%	926	815	13.6%
SOYBEAN	158,526	189,238.25	-16.2%	211,542.1	-25.1%	213,515	237,019	-9.9%
SOYBEAN MEAL	82,559	95,620.75	-13.7%	104,774.7	-21.2%	104,318	103,495	0.8%
SOYBEAN OIL	84,289	114,143.5	-26.2%	112,924.15	-25.4%	106,264	133,943	-20.7%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	0	20	-100.0%
USD CRUDE PALM OIL	677	239.9	182.2%	1,162	-41.7%	1,027	239	329.2%
WHEAT	33	1,585.4	-97.9%	20.8	60.9%	535	1,118	-52.2%

Ag Products Options

BLOCK CHEESE	0	8.75	-100.0%	12.65	-100.0%	8	17	-52.0%
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	ADV MAY 2022	ADV MAY 2021	% CHG	ADV APR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Ag Products Options								
BUTTER CS	52	55.65	-7.2%	71	-27.2%	68	124	-45.0%
CASH-SETTLED CHEESE	271	285.8	-5.2%	167.05	62.2%	384	414	-7.1%
CATTLE	10,785	8,117	32.9%	12,781.3	-15.6%	10,659	9,511	12.1%
CDD SEASONAL STRIP	298	37.5	693.7%	212.5	40.1%	155	49	220.1%
CDD WEATHER	36	25	42.9%	0	-	7	27	-73.0%
CHI WHEAT	27,205	23,116.3	17.7%	17,457.6	55.8%	31,025	23,610	31.4%
CLASS IV MILK	326	167.65	94.7%	292.15	11.7%	323	153	112.1%
CORN	129,679	205,513.4	-36.9%	140,519.3	-7.7%	131,412	158,347	-17.0%
CORN NEARBY+2 CAL SPRD	390	940.15	-58.5%	1,096.4	-64.5%	1,199	491	144.1%
DEC-DEC CORN CAL SPRD	0	51.5	-100.0%	0	-	0	12	-100.0%
DEC-JULY CORN CAL SPRD	0	5	-100.0%	52	-100.0%	32	1	3207.5%
DRY WHEY	4	9.2	-51.9%	1.1	302.6%	26	14	85.1%
FEEDER CATTLE	1,640	1,189.35	37.9%	2,014.7	-18.6%	1,726	1,065	62.0%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	49	-100.0%
HDD WEATHER	0	0	-	0	-	47	61	-23.9%
HDD WEATHER EUROPEAN	0	0	-	0	-	10	12	-20.8%
HOGS	11,392	10,579.9	7.7%	8,617.1	32.2%	11,673	9,141	27.7%
Intercommodity Spread	0	0.05	-100.0%	0	-	0	3	-100.0%
JULY-DEC CORN CAL SPRD	281	304	-7.6%	435.35	-35.5%	434	251	73.3%
JULY-DEC SOYMEAL CAL SPRD	20	0	-	0	-	4	0	-
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	0	0	-
JULY-DEC WHEAT CAL SPRD	0	0	-	22.5	-100.0%	36	1	3564.0%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-	0	0	-
JULY-NOV SOYBEAN CAL SPRD	460	2.5	18311.4%	512.05	-10.1%	337	14	2224.9%
KC WHEAT	4,414	2,676.95	64.9%	2,762.35	59.8%	4,156	2,713	53.2%
LUMBER	16	53.7	-69.5%	24.55	-33.3%	25	42	-40.3%
MAR-DEC CORN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY CORN CAL SPRD	0	0	-	0	-	93	0	-
MAR-JULY SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-	1	0	-
MILK	945	802.55	17.7%	1,011.3	-6.6%	953	1,320	-27.8%
MLK MID OPTIONS	0	0.1	-100.0%	0.3	-100.0%	0	0	287.2%
NFD MILK	145	261.9	-44.8%	245.55	-41.1%	231	226	2.2%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	6	0	-
NOV-MAR SOYBEAN CSO	0	0	-	0	-	0	0	-
OATS	13	10.15	29.0%	8.5	54.1%	13	6	95.2%
PORK CUTOUT	0	4.4	-100.0%	0.25	-100.0%	0	7	-95.2%
ROUGH RICE	86	64.55	32.6%	114.1	-25.0%	72	49	46.7%
SOYBEAN	70,083	91,838.65	-23.7%	64,661.45	8.4%	83,776	87,499	-4.3%
SOYBEAN CRUSH	1	0	-	2.75	-56.7%	1	8	-86.1%
SOYBEAN MEAL	8,533	12,770.55	-33.2%	8,699.2	-1.9%	12,063	11,543	4.5%
SOYBEAN OIL	9,121	14,163.4	-35.6%	13,642.3	-33.1%	12,081	15,986	-24.4%
SOYBN NEARBY+2 CAL SPRD	40	10	295.2%	450.65	-91.2%	185	69	168.5%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	20	-100.0%	11	0	-
WHEAT	0	51.3	-99.1%	0	-	12	42	-72.1%
WHEAT-CORN ICSCO	148	10.9	1254.3%	0	-	40	8	391.0%
WHEAT NEARBY+2 CAL SPRD	4	0	-	95.75	-96.0%	240	15	1542.4%

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	ADV MAY 2022	ADV MAY 2021	% CHG	ADV APR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	9,674,073	8,320,824.3	16.3%	7,789,814.7	24.2%	9,392,003	7,615,298	23.3%
Equity Index Futures	7,082,311	4,854,832.35	45.9%	5,528,316.65	28.1%	6,576,910	5,060,755	30.0%
Metals Futures	437,667	592,721.7	-26.2%	410,565.95	6.6%	483,449	571,794	-15.5%
Energy Futures	1,585,773	1,759,324.4	-9.9%	1,730,029.75	-8.3%	1,996,083	1,951,231	2.3%
FX Futures	831,584	664,701.7	25.1%	758,860.95	9.6%	835,919	750,235	11.4%
Foreign Exchange Futures	0	0	-	0	-	0	0	-
Ags Futures	68	224.45	-69.8%	64.2	5.5%	136	176	-23.0%
Ag Products Futures	838,632	1,093,443.15	-23.3%	1,036,709.4	-19.1%	1,069,700	1,202,520	-11.0%
TOTAL FUTURES	20,450,108	17,286,072.05	18.3%	17,254,361.6	18.5%	20,354,200.25	17,152,008.78	18.7%
TOTAL OPTIONS GROUP								
Interest Rate Options	1,951,842	1,872,086.2	4.3%	1,833,690.65	6.4%	2,361,893	2,025,855	16.6%
Equity Index Options	1,279,908	741,059.3	72.7%	1,109,690.15	15.3%	1,198,558	653,687	83.4%
Metals Options	61,053	56,031.4	9.0%	57,311.5	6.5%	66,195	58,762	12.6%
Energy Options	212,557	198,638	7.0%	245,300.7	-13.3%	267,579	231,915	15.4%
FX Options	42,103	36,613.05	15.0%	51,969.35	-19.0%	43,940	34,051	29.0%
Ag Products Options	276,387	373,127.8	-25.9%	276,003.75	0.1%	303,524	322,901	-6.0%
Foreign Exchange Options	23	31.65	-25.8%	4.35	439.7%	24	34	-27.6%
TOTAL OPTIONS	3,823,873	3,277,587.4	16.7%	3,573,970.45	7.0%	4,241,713.8	3,327,204.31	27.5%
TOTAL COMBINED								
FX	873,687	701,314.75	24.6%	810,830.3	7.8%	879,858	784,287	12.2%
Equity Index	8,362,219	5,595,891.65	49.4%	6,638,006.8	26.0%	7,775,469	5,714,442	36.1%
Interest Rate	11,625,915	10,192,910.5	14.1%	9,623,505.35	20.8%	11,753,897	9,641,152	21.9%
Energy	1,798,330	1,957,962.4	-8.2%	1,975,330.45	-9.0%	2,263,662	2,183,146	3.7%
Metals	498,720	648,753.1	-23.1%	467,877.45	6.6%	549,644	630,556	-12.8%
Foreign Exchange	23	31.65	-25.8%	4.35	439.7%	25	34	-26.9%
Ags	68	224.45	-69.8%	64.2	5.5%	136	176	-23.0%
Ag Products	1,115,020	1,466,570.95	-24.0%	1,312,713.15	-15.1%	1,373,224	1,525,421	-10.0%
GRAND TOTAL	24,273,981	20,563,659.45	18.0%	20,828,332.05	16.5%	24,595,914.06	20,479,213.1	20.1%

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