

## CME Group Exchange ADV Report - Monthly

June 2022

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	ADV JUN 2022	ADV JUN 2021	% CHG	ADV MAY 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>FX Futures</b>								
AD/CD CROSS RATES	5	0.27	1820.8%	4.19	25.0%	3	1	214.2%
AD/JY CROSS RATES	206	121.45	69.9%	240.14	-14.1%	262	115	128.7%
AD/NE CROSS RATES	744	8.91	8254.8%	80.67	822.7%	218	9	2364.7%
AUSTRALIAN DOLLAR	117,816	110,264.59	6.8%	104,927.19	12.3%	99,652	104,698	-4.8%
BP/JY CROSS RATES	392	224.32	74.7%	152.52	156.9%	240	131	82.8%
BP/SF CROSS RATES	180	70.77	154.9%	81.62	121.0%	118	46	155.0%
BRAZIL REAL	15,575	13,334.14	16.8%	17,908.48	-13.0%	16,831	12,361	36.2%
BRITISH POUND	140,466	115,757.59	21.3%	104,330.67	34.6%	114,268	94,801	20.5%
CANADIAN DOLLAR	110,675	90,513.14	22.3%	82,182.9	34.7%	86,162	79,830	7.9%
CD/JY CROSS RATES	1	14.05	-95.3%	0.29	133.4%	5	7	-30.3%
CHINESE RENMINBI (CNH)	1,409	1,034.09	36.2%	1,917.33	-26.5%	1,284	797	61.2%
CZECK KORUNA (EC)	0	0	-	0.14	-33.4%	0	0	1903.7%
CZECK KORUNA (US)	0	0.09	57.2%	0.19	-25.0%	0	0	260.3%
EC/AD CROSS RATES	392	465.18	-15.6%	216.9	80.9%	270	263	2.8%
EC/CD CROSS RATES	816	698.32	16.8%	145.71	459.9%	426	352	21.3%
EC/NOK CROSS RATES	79	82.41	-4.6%	75.9	3.6%	70	41	69.3%
EC/SEK CROSS RATES	143	64.14	123.0%	40.86	250.0%	105	35	201.5%
EFX/BP CROSS RATES	6,136	4,897.91	25.3%	3,566.19	72.1%	4,647	2,779	67.2%
EFX/JY CROSS RATES	3,834	3,990.5	-3.9%	1,479.05	159.2%	3,099	2,002	54.8%
EFX/SF CROSS RATES	3,101	2,087.18	48.6%	2,095.57	48.0%	2,300	1,149	100.2%
E-MICRO USD/CAD	7	0	-	7.24	-1.3%	13	0	-
E-MICRO USD/CHF	10	0	-	4.57	117.7%	5	0	-
E-MICRO USD/JPY	2,843	0	-	760.76	273.7%	823	0	-
E-MINI EURO FX	7,607	6,922.14	9.9%	6,054.24	25.6%	6,499	6,592	-1.4%
E-MINI JAPANESE YEN	667	356.09	87.3%	452.9	47.3%	444	441	0.7%
EURO FX	291,000	249,038.64	16.8%	193,919.29	50.1%	226,850	203,129	11.7%
HUNGARIAN FORINT (EC)	0	0.23	-100.0%	0.05	-100.0%	0	0	540.2%
HUNGARIAN FORINT (US)	0	2.32	-95.9%	0.19	-50.0%	0	1	-71.5%
INDIAN RUPEE	1,084	565.91	91.6%	857.24	26.5%	985	717	37.3%
JAPANESE YEN	189,403	113,992.32	66.2%	140,928.05	34.4%	141,476	105,591	34.0%
KOREAN WON	17	133.27	-87.0%	15.48	12.0%	31	112	-72.7%
MEXICAN PESO	83,965	68,716.36	22.2%	51,987.33	61.5%	55,528	54,702	1.5%
MICRO AUD/USD	12,542	7,667.68	63.6%	15,018.86	-16.5%	13,079	10,858	20.5%
MICRO CAD/USD	3,086	2,840.86	8.6%	3,574.24	-13.7%	2,841	2,490	14.1%
MICRO CHF/USD	1,277	447.91	185.0%	895.19	42.6%	716	455	57.3%
MICRO EUR/USD	36,996	22,368.05	65.4%	32,882.67	12.5%	34,020	24,494	38.9%
MICRO GBP/USD	6,039	3,591.27	68.1%	5,370.71	12.4%	4,548	3,444	32.1%
MICRO INR/USD	39	59.77	-34.6%	35.48	10.2%	39	99	-60.0%
MICRO JPY/USD	0	1,681.05	-100.0%	0	-	820	1,534	-46.5%
MICRO USD/CNH	0	0.73	-100.0%	0	-	0	0	-94.5%
NEW ZEALND DOLLAR	34,919	27,759.05	25.8%	29,760.81	17.3%	29,301	29,006	1.0%
NKR/USD CROSS RATE	222	359	-38.1%	108.19	105.3%	168	298	-43.5%
POLISH ZLOTY (EC)	15	14.55	6.1%	2.14	620.0%	8	7	8.9%
POLISH ZLOTY (US)	92	62.55	47.6%	38.76	138.2%	74	47	56.3%
RMB USD	0	0.09	161.9%	0	-	0	0	400.6%
RUSSIAN RUBLE	31	7,362.14	-99.6%	60.24	-49.1%	4,735	4,895	-3.3%
S.AFRICAN RAND	7,104	3,922.73	81.1%	3,893.19	82.5%	4,767	2,774	71.8%
SF/JY CROSS RATES	141	0.64	22115.7%	25.76	448.8%	46	3	1486.1%
SHEKEL	1	0.14	633.1%	0.71	40.0%	1	0	433.2%

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<b>FX Futures</b>								
SKR/USD CROSS RATES	610	379.45	60.7%	285.43	113.6%	403	276	46.4%
SWISS FRANC	35,389	27,271.27	29.8%	25,197.48	40.4%	25,352	23,497	7.9%
TURKISH LIRA	7	10.09	-33.5%	0.1	6952.8%	2	4	-46.4%
USDZAR	0	0.5	-61.9%	0	-	0	0	-48.3%
<b>FX Options</b>								
AUD/USD MONDAY OPTION WEEK1	3	13.18	-74.0%	7.05	-51.4%	13	22	-38.8%
AUD/USD MONDAY OPTION WEEK2	16	2.27	604.0%	18.48	-13.4%	25	14	70.6%
AUD/USD MONDAY OPTION WEEK3	5	42.82	-89.1%	18.62	-74.9%	16	23	-31.2%
AUD/USD MONDAY OPTION WEEK4	6	25.5	-76.1%	26.67	-77.1%	19	22	-14.8%
AUD/USD MONDAY OPTION WEEK5	0	0	-	0	-	6	0	3286.6%
AUD/USD MONTHLY OPTIONS	3,868	5,111.64	-24.3%	3,947.52	-2.0%	4,647	3,904	19.0%
AUD/USD WKLY FRIDAY OPTIONS -	73	120.82	-39.9%	14	419.0%	29	29	-0.7%
AUD/USD WKLY FRIDAY OPTIONS -	15	53.73	-72.7%	144	-89.8%	93	79	17.8%
AUD/USD WKLY FRIDAY OPTIONS -	72	140.77	-49.2%	125.76	-43.1%	120	135	-11.0%
AUD/USD WKLY FRIDAY OPTIONS -	61	120.45	-49.4%	105.52	-42.3%	90	152	-41.2%
AUD/USD WKLY FRIDAY OPTIONS -	25	14.41	74.2%	0	-	21	27	-24.1%
AUD/USD WKLY WED OPTIONS - WK	21	36.32	-40.9%	86.76	-75.2%	46	59	-22.7%
AUD/USD WKLY WED OPTIONS - WK	20	17	14.8%	7.67	154.7%	26	35	-25.5%
AUD/USD WKLY WED OPTIONS - WK	40	4.95	710.2%	4.62	769.1%	15	20	-23.1%
AUD/USD WKLY WED OPTIONS - WK	33	34.86	-4.0%	52.1	-35.7%	30	51	-42.1%
AUD/USD WKLY WED OPTIONS - WK	2	38.36	-94.0%	0	-	2	11	-81.6%
BRL/USD MONTHLY OPTIONS	6	0.36	1497.8%	8.71	-33.3%	17	14	17.1%
CAD/USD MONDAY OPTIONS WEEK1	5	6	-24.6%	6.57	-31.2%	9	35	-74.9%
CAD/USD MONDAY OPTIONS WEEK2	56	80.41	-30.4%	36	55.4%	63	54	15.3%
CAD/USD MONDAY OPTIONS WEEK3	17	43.55	-61.8%	48.1	-65.4%	39	20	94.8%
CAD/USD MONDAY OPTIONS WEEK4	14	141.95	-90.4%	12.1	12.2%	40	54	-25.8%
CAD/USD MONDAY OPTIONS WEEK5	0	0	-	0	-	10	5	105.2%
CAD/USD MONTHLY OPTIONS	4,576	3,477.55	31.6%	5,342.52	-14.3%	4,739	2,889	64.1%
CAD/USD WKLY FRIDAY OPTIONS -	100	350.91	-71.4%	0	-	67	114	-41.3%
CAD/USD WKLY FRIDAY OPTIONS -	135	340.09	-60.4%	215.43	-37.5%	189	215	-12.1%
CAD/USD WKLY FRIDAY OPTIONS -	319	373.64	-14.7%	200.43	59.1%	278	304	-8.5%
CAD/USD WKLY FRIDAY OPTIONS -	273	316.82	-13.9%	203.57	34.1%	269	329	-18.2%
CAD/USD WKLY FRIDAY OPTIONS -	15	5.23	194.2%	0	-	37	81	-53.9%
CAD/USD WKLY WED OPTIONS - WK	23	46.41	-51.2%	35.52	-36.2%	47	49	-4.1%
CAD/USD WKLY WED OPTIONS - WK	36	81.05	-55.5%	26.33	37.1%	53	64	-17.2%
CAD/USD WKLY WED OPTIONS - WK	46	57.86	-20.7%	70.33	-34.7%	75	77	-3.4%
CAD/USD WKLY WED OPTIONS - WK	119	181.45	-34.2%	89.29	33.8%	97	71	35.9%
CAD/USD WKLY WED OPTIONS - WK	56	91.82	-39.1%	0	-	33	26	26.9%
CHF/USD MONTHLY OPTIONS	161	237.68	-32.2%	273.57	-41.1%	269	235	14.6%
CHF/USD WKLY FRIDAY OPTIONS -	2	7.18	-71.5%	0.48	330.0%	5	2	167.8%
CHF/USD WKLY FRIDAY OPTIONS -	2	4.09	-51.1%	3.43	-41.7%	7	12	-46.1%
CHF/USD WKLY FRIDAY OPTIONS -	2	2.55	-4.6%	0.81	200.0%	4	10	-62.0%
CHF/USD WKLY FRIDAY OPTIONS -	7	14.91	-54.6%	3.14	115.2%	8	18	-57.4%
CHF/USD WKLY FRIDAY OPTIONS -	0	2.27	-100.0%	0	-	0	1	-80.6%
EUR/GBP MONTHLY OPTIONS	0	0	-	83.33	-100.0%	30	0	-
EUR/GBP WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-

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<b>FX Options</b>								
EUR/USD MONDAY OPTION WEEK1	10	55.91	-81.9%	43.95	-76.9%	83	64	28.6%
EUR/USD MONDAY OPTION WEEK2	97	59.27	63.1%	98.62	-2.0%	151	88	71.2%
EUR/USD MONDAY OPTION WEEK3	9	131.5	-93.3%	61.33	-85.7%	47	53	-12.2%
EUR/USD MONDAY OPTION WEEK4	40	150.36	-73.5%	59.81	-33.4%	177	114	55.8%
EUR/USD MONDAY OPTION WEEK5	0	0	-	0	-	23	13	80.0%
EUR/USD MONTHLY OPTIONS	10,382	11,305.91	-8.2%	11,778.19	-11.9%	11,924	10,193	17.0%
EUR/USD WKLY FRIDAY OPTIONS -	577	820.55	-29.6%	0.1	606442.6%	315	242	30.4%
EUR/USD WKLY FRIDAY OPTIONS -	974	826.77	17.8%	650.95	49.7%	846	727	16.4%
EUR/USD WKLY FRIDAY OPTIONS -	784	975.27	-19.6%	731.19	7.2%	820	970	-15.5%
EUR/USD WKLY FRIDAY OPTIONS -	579	907.59	-36.3%	794.48	-27.2%	1,020	870	17.3%
EUR/USD WKLY FRIDAY OPTIONS -	21	5.09	309.7%	0	-	170	271	-37.4%
EUR/USD WKLY WED OPTIONS - WK	156	268.14	-41.9%	210.29	-26.0%	291	319	-8.9%
EUR/USD WKLY WED OPTIONS - WK	171	322.45	-47.0%	156.67	9.1%	231	346	-33.2%
EUR/USD WKLY WED OPTIONS - WK	254	380.82	-33.3%	253.52	0.3%	271	371	-27.0%
EUR/USD WKLY WED OPTIONS - WK	225	403.91	-44.2%	223.9	0.6%	299	409	-26.9%
EUR/USD WKLY WED OPTIONS - WK	330	318.05	3.8%	0	-	107	102	5.2%
GBP/USD MONDAY OPTION WEEK1	13	0	-	10.33	25.3%	24	10	141.5%
GBP/USD MONDAY OPTION WEEK2	79	30.95	156.8%	71.38	11.3%	54	39	37.3%
GBP/USD MONDAY OPTION WEEK3	16	12.55	29.1%	5.48	195.7%	16	12	35.1%
GBP/USD MONDAY OPTION WEEK4	13	52.05	-75.6%	8.1	57.1%	24	18	38.7%
GBP/USD MONDAY OPTION WEEK5	0	0	-	0	-	3	18	-83.6%
GBP/USD MONTHLY OPTIONS	3,640	2,771.73	31.3%	4,192.9	-13.2%	3,671	3,545	3.6%
GBP/USD WKLY FRIDAY OPTIONS -	69	224.09	-69.1%	25.67	170.1%	44	54	-19.1%
GBP/USD WKLY FRIDAY OPTIONS -	31	92.77	-66.3%	214.29	-85.4%	119	111	7.4%
GBP/USD WKLY FRIDAY OPTIONS -	125	236.73	-47.0%	123.81	1.3%	177	149	18.9%
GBP/USD WKLY FRIDAY OPTIONS -	87	215.73	-59.5%	96.14	-9.1%	144	173	-16.4%
GBP/USD WKLY FRIDAY OPTIONS -	40	28.77	40.0%	0	-	49	36	36.1%
GBP/USD WKLY WED OPTIONS - WK	25	39.68	-37.8%	14.43	71.0%	63	64	-2.1%
GBP/USD WKLY WED OPTIONS - WK	22	15.91	39.5%	12.43	78.5%	24	36	-32.4%
GBP/USD WKLY WED OPTIONS - WK	35	43.86	-19.3%	55.14	-35.8%	60	33	80.1%
GBP/USD WKLY WED OPTIONS - WK	22	92.5	-76.2%	20.86	5.7%	55	60	-8.2%
GBP/USD WKLY WED OPTIONS - WK	7	11.18	-35.7%	0	-	4	15	-74.7%
JPY/USD MONDAY OPTION WEEK1	1	18.32	-93.5%	4.24	-71.9%	17	19	-10.7%
JPY/USD MONDAY OPTION WEEK2	34	11.73	190.7%	40.29	-15.4%	47	17	174.6%
JPY/USD MONDAY OPTION WEEK3	6	34	-83.8%	46.67	-88.2%	13	15	-9.7%
JPY/USD MONDAY OPTION WEEK4	75	6.5	1050.9%	47	59.2%	49	8	499.2%
JPY/USD MONDAY OPTION WEEK5	0	0	-	0	-	0	3	-83.7%
JPY/USD MONTHLY OPTIONS	8,716	3,938.27	121.3%	8,628.62	1.0%	7,910	4,004	97.6%
JPY/USD WKLY FRIDAY OPTIONS -	649	533.23	21.8%	0	-	201	160	25.4%
JPY/USD WKLY FRIDAY OPTIONS -	373	398.55	-6.3%	592.76	-37.0%	450	283	59.0%
JPY/USD WKLY FRIDAY OPTIONS -	879	507.41	73.3%	528.62	66.3%	583	448	30.3%
JPY/USD WKLY FRIDAY OPTIONS -	717	384.14	86.6%	404.24	77.3%	520	393	32.3%
JPY/USD WKLY FRIDAY OPTIONS -	29	3.73	676.8%	0	-	135	134	0.9%
JPY/USD WKLY WED OPTIONS - WK	201	122.95	63.7%	94.14	113.8%	157	115	36.3%
JPY/USD WKLY WED OPTIONS - WK	81	129.41	-37.3%	210.52	-61.5%	143	138	3.2%
JPY/USD WKLY WED OPTIONS - WK	146	149.82	-2.3%	139.1	5.3%	120	145	-17.2%
JPY/USD WKLY WED OPTIONS - WK	334	117.82	183.6%	204.43	63.4%	178	131	36.2%
JPY/USD WKLY WED OPTIONS - WK	224	138.55	61.5%	0	-	61	61	0.2%

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<b>FX Options</b>								
MXN/USD MONTHLY OPTIONS	20	29.18	-31.1%	28.95	-30.6%	59	51	15.1%
MXN/USD WKLY FRIDAY OPTIONS -	0	11.82	-100.0%	0	-	0	5	-97.2%
MXN/USD WKLY FRIDAY OPTIONS -	0	22.41	-100.0%	0	-	0	4	-100.0%
MXN/USD WKLY FRIDAY OPTIONS -	0	6.27	-100.0%	0	-	0	3	-100.0%
NZD/USD MONTHLY OPTIONS	317	18.32	1629.7%	0.86	36868.5%	58	8	658.5%
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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<b>Equity Index Futures</b>								
BITCOIN	12,738	8,289.5	53.7%	11,935.71	6.7%	9,806	11,551	-15.1%
DJ US REAL ESTATE	7,096	5,079.82	39.7%	2,148.1	230.3%	3,669	2,658	38.0%
E-mini (\$5) Dow	208,672	156,402.14	33.4%	203,338.95	2.6%	220,303	179,552	22.7%
E-MINI COM SERVICES SELECT SEC	362	249.27	45.2%	188.24	92.3%	210	213	-1.4%
E-mini FTSE China 50	27	0.91	2922.4%	19.86	38.4%	54	0	33218.0%
E-MINI MIDCAP	21,553	15,620.23	38.0%	13,267.33	62.4%	17,366	12,683	36.9%
E-MINI NASDAQ 100	739,755	482,987.27	53.2%	749,092.71	-1.2%	722,949	554,354	30.4%
E-MINI RUSSELL 1000	1,658	1,079.68	53.6%	476.81	247.8%	781	468	66.7%
E-MINI RUSSELL 1000 GROWTH	743	478.45	55.2%	192.67	285.5%	476	263	80.8%
E-MINI RUSSELL 1000 VALUE	3,292	3,883.68	-15.2%	414.95	693.2%	1,400	1,621	-13.7%
E-MINI RUSSELL 2000	294,098	200,890.41	46.4%	237,738.33	23.7%	257,013	202,785	26.7%
E-MINI S&P500	2,288,107	1,477,193.41	54.9%	2,026,476.71	12.9%	1,972,516	1,651,123	19.5%
E-MINI S&P500 ESG	2,476	1,611.86	53.6%	566.95	336.7%	1,682	963	74.7%
E-MINI S&P REAL ESTATE SELECT S	527	1,202.05	-56.2%	116.62	351.5%	370	469	-21.1%
ETHER FUTURES	8,988	3,063.09	193.4%	6,484.05	38.6%	5,881	2,135	175.4%
FT-SE 100	0	7.77	-98.8%	11.67	-99.2%	9	1	536.3%
FTSE Emerging	0	0	-	0	-	0	0	-100.0%
IBOVESPA INDEX	3	5.36	-46.7%	2.57	11.1%	3	9	-65.5%
MICRO BITCOIN	14,435	20,590.18	-29.9%	22,545.38	-36.0%	18,596	8,541	117.7%
MICRO E-MINI NASDAQ 100	1,565,105	678,128.59	130.8%	1,757,069.33	-10.9%	1,577,025	974,341	61.9%
MICRO E-MINI RUSSELL 2000	131,164	96,932.82	35.3%	179,045.9	-26.7%	158,209	155,379	1.8%
MICRO E-MINI S&P500	1,409,669	634,473.41	122.2%	1,566,786.14	-10.0%	1,377,370	913,755	50.7%
MICRO ETHER	18,190	0	-	26,011	-30.1%	20,194	0	-
MICRO MINI \$5 DOW	183,546	92,692.59	98.0%	218,248.43	-15.9%	210,967	130,070	62.2%
NASDAQ-100 VOLATILITY	36	0.77	4571.3%	132.9	-72.8%	143	0	36006.7%
NASDAQ BIOTECH	27	73.36	-62.8%	2.52	981.1%	10	40	-75.8%
Nearby BTIC+	157	9.18	1605.2%	11.9	1215.2%	47	2	1824.2%
NIKKEI 225 (\$) STOCK	6,979	6,047.82	15.4%	5,453.24	28.0%	6,289	6,288	0.0%
NIKKEI 225 (YEN) STOCK	44,955	29,380.55	53.0%	35,743.14	25.8%	41,226	31,292	31.7%
S&P 500	5,569	7,008.73	-20.5%	1,922.86	189.6%	3,970	6,263	-36.6%
S&P 500 ANNUAL DIVIDEND INDEX F	3,190	4,995.45	-36.1%	5,902.52	-46.0%	4,415	3,420	29.1%
S&P 500 QUARLY DIVIDEND INDEX F	111	126.82	-12.4%	235.43	-52.8%	194	79	146.2%
S&P CONSUMER DSCRTNRY SECTC	1,353	609.41	122.1%	718.71	88.3%	744	631	17.9%
S&P CONSUMER STAPLES SECTOR	2,278	4,037.73	-43.6%	1,282.19	77.7%	1,428	1,722	-17.1%
S&P ENERGY SECTOR	6,462	4,223.64	53.0%	2,146.71	201.0%	3,556	2,633	35.0%
S&P FINANCIAL SECTOR	3,077	7,354.27	-58.2%	1,419.81	116.7%	2,099	3,740	-43.9%
S&P HEALTH CARE SECTOR	2,764	1,599.95	72.8%	1,075.33	157.1%	1,508	957	57.6%
S&P INDUSTRIAL SECTOR	2,824	2,385.41	18.4%	1,367.62	106.5%	1,583	1,363	16.2%
S&P MATERIALS SECTOR	1,293	1,491.86	-13.3%	507.52	154.7%	833	720	15.6%
S&P TECHNOLOGY SECTOR	1,425	1,187.64	20.0%	862.48	65.2%	1,255	783	60.3%
S&P UTILITIES SECTOR	3,037	1,765.86	72.0%	1,339.48	126.7%	1,905	1,312	45.2%
S&P VALUE INDEX FUTURES	0	41.36	-100.0%	0	-	0	10	-100.0%
WATER INDEX FUTURES	0	2.86	-83.4%	3.14	-84.8%	4	6	-30.4%
YEN DENOMINATED TOPIX	13	41.82	-67.8%	4.76	183.0%	125	62	101.4%

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	ADV JUN 2022	ADV JUN 2021	% CHG	ADV MAY 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Equity Index Options</b>								
BITCOIN OPTIONS	186	51.77	259.4%	180.67	3.0%	125	73	71.1%
E-mini (\$5) Dow	138	60.14	129.9%	90.48	52.8%	117	77	52.9%
E-MINI NASDAQ 100	56,161	24,503.27	129.2%	72,197.43	-22.2%	49,220	25,242	95.0%
E-mini Russell 2000	4,106	3,002.68	36.7%	5,185.57	-20.8%	5,685	3,815	49.0%
E-MINI RUSSELL 2000	1,699	1,082.36	57.0%	2,117.76	-19.8%	1,726	1,416	22.0%
E-mini S&P 500	510,818	272,211.91	87.7%	588,212.29	-13.2%	586,965	319,105	83.9%
E-MINI S&P500	596,511	272,233.86	119.1%	597,414.95	-0.2%	536,628	276,820	93.9%
EOM S&P 500	0	39.27	-100.0%	0	-	0	108	-100.0%
MICRO BITCOIN	705	0	-	406.38	73.4%	218	0	-
Micro E-mini Nasdaq-100	1,567	1,269.18	23.5%	2,191.71	-28.5%	2,360	1,166	102.4%
MICRO E-MINI NASDAQ 100	727	461.59	57.5%	623.81	16.5%	661	260	153.9%
Micro E-mini S&P 500	11,443	6,101.59	87.5%	10,879.76	5.2%	12,026	6,566	83.1%
MICRO ETHER	515	0	-	407.33	26.4%	460	0	-
S&P 500	0	7,398.05	-100.0%	0	-	0	7,460	-100.0%

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	ADV JUN 2022	ADV JUN 2021	% CHG	ADV MAY 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Interest Rate Futures</b>								
10-YR Eris LIBOR	1,428	1,043.95	36.8%	306.57	365.8%	841	491	71.2%
10-YR Eris SOFR	70	1.36	5016.0%	0	-	46	1	4621.0%
10-YR MAC LIBOR	1,435	10,121	-85.8%	479.19	199.5%	1,815	6,235	-70.9%
10-YR NOTE	1,604,865	1,523,624.09	5.3%	2,273,798.48	-29.4%	1,990,923	1,993,702	-0.1%
10Y YIELD	2,881	0	-	2,973.48	-3.1%	4,797	0	-
15-YR Eris LIBOR	0	0	-	0	-	12	0	-
1-MONTH EURODOLLAR	2	0	-	198.57	-98.9%	542	0	-
1-YR Eris BSBY	14	0	-	19.05	-25.0%	8	0	-
1-YR Eris SOFR	1,476	1,595.45	-7.5%	665.29	121.9%	1,466	3,355	-56.3%
20-YR BOND	129	0	-	202.38	-36.3%	191	0	-
20-YR SWAP RATE	0	0	-	0	-	0	0	-
2-YR Eris LIBOR	10,445	1,564.5	567.6%	1,440.24	625.2%	4,337	693	526.1%
2-YR Eris SOFR	1,063	165.09	543.7%	444.62	139.0%	748	139	437.0%
2-YR NOTE	613,334	331,312.86	85.1%	981,955.52	-37.5%	728,688	463,105	57.3%
2Y YIELD	450	0	-	340.62	32.1%	391	0	-
30-YR BOND	352,284	353,619.95	-0.4%	526,980.62	-33.2%	422,323	479,049	-11.8%
30-YR Eris LIBOR	0	0	-	0	-	5	5	0.3%
30-YR SWAP RATE	0	45.45	-100.0%	0	-	35	8	330.4%
30Y YIELD	431	0	-	698.43	-38.3%	540	0	-
3-YR Eris BSBY	0	0	-	0	-	0	0	-
3-YR Eris LIBOR	2,153	1,944.68	10.7%	1,226.9	75.5%	1,578	704	124.1%
3-YR Eris SOFR	411	111.5	268.6%	211.05	94.7%	243	60	305.4%
3-YR NOTE	19,867	8,619.77	130.5%	15,213.71	30.6%	17,104	8,675	97.2%
4-YR Eris LIBOR	688	234.95	192.8%	100.9	581.7%	426	114	274.0%
4-YR Eris SOFR	107	55.45	93.7%	28.62	275.4%	67	26	158.7%
5-YR Eris LIBOR	2,819	1,820.77	54.8%	1,147.86	145.6%	2,420	1,484	63.0%
5-YR Eris SOFR	270	4.55	5844.1%	186.71	44.7%	154	11	1242.5%
5-YR MAC LIBOR	2,229	3,452.5	-35.4%	829.05	168.8%	1,563	2,770	-43.6%
5-YR NOTE	1,104,114	868,507.27	27.1%	1,784,381.29	-38.1%	1,401,601	1,166,933	20.1%
5Y YIELD	187	0	-	66.38	181.4%	128	0	-
7-YR Eris LIBOR	140	200	-30.0%	168.38	-16.9%	259	148	74.7%
7-YR Eris SOFR	16	0	-	14.33	9.6%	44	0	-
BSBY 3-MONTH FUTURES	554	0	-	2,850.76	-80.6%	3,506	0	-
EURODOLLARS	1,681,722	2,753,253.45	-38.9%	1,489,679.71	12.9%	2,183,237	2,466,356	-11.5%
FED FUND	376,988	111,661.55	237.6%	256,428.67	47.0%	357,052	95,772	272.8%
SOFR	1,985,508	127,117.68	1461.9%	1,484,672.1	33.7%	1,414,487	114,951	1130.5%
SONIA	9	1,794	-99.5%	0	-	10	5,497	-99.8%
TIIE	6	1.05	455.7%	1.1	430.5%	5	1	774.0%
Ultra 10-Year Note	308,735	291,942.36	5.8%	475,196.71	-35.0%	410,454	380,206	8.0%
ULTRA T-BOND	171,279	174,833.23	-2.0%	371,165.86	-53.9%	246,232	239,109	3.0%

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<b>Interest Rate Options</b>								
10-YR NOTE	678,648	607,065.91	11.8%	594,605.62	14.1%	669,601	688,147	-2.7%
2-YR NOTE	2,634	1,008.27	161.2%	865.62	204.3%	1,491	738	102.1%
30-YR BOND	126,481	133,217.09	-5.1%	129,332.76	-2.2%	124,133	134,843	-7.9%
5-YR NOTE	225,591	174,381.09	29.4%	210,017.67	7.4%	262,134	161,472	62.3%
EURODOLLARS	643,870	193,758.18	232.3%	517,382.1	24.4%	721,261	212,486	239.4%
EURO MIDCURVE	256,485	888,582.77	-71.1%	325,562.19	-21.2%	449,475	823,172	-45.4%
FED FUND	0	0	-	0	-	0	0	-
SOFR	330,729	180.05	183591.8%	142,903.48	131.4%	99,464	67	148658.1%
SOFR MIDCURVE	81,050	0	-	31,060.14	160.9%	31,422	0	7793028.7%
Ultra 10-Year Note	0	0	-	9.19	-100.0%	6	0	-
ULTRA T-BOND	62	40	54.6%	103.1	-40.0%	138	29	382.2%
<b>Energy Futures</b>								
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	416	739.09	-43.7%	238.81	74.3%	249	464	-46.3%
ARGUS PROPAN FAR EST INDE	321	251.5	27.4%	282.76	13.4%	280	277	1.0%
ARGUS PROPAN(SAUDI ARAMCO	76	71.73	5.4%	103.1	-26.7%	103	92	12.7%
BRENT BALMO SWAP	5	0	-	0	-	13	6	111.6%
BRENT CALENDAR SWAP	712	398.64	78.6%	217.86	226.8%	745	389	91.4%
BRENT FINANCIAL FUTURES	0	0	-	0	-	0	33	-100.0%
BRENT OIL LAST DAY	57,459	77,522.27	-25.9%	57,644.24	-0.3%	75,441	100,001	-24.6%
CAR VINTAGE	1,047	8.18	12693.0%	386.9	170.5%	682	3	20473.1%
CHICAGO ETHANOL SWAP	2,911	3,040.91	-4.3%	2,520.71	15.5%	2,831	3,707	-23.6%
CHICAGO ULSD PL VS HO SPR	0	10	-100.0%	35.95	-100.0%	30	24	23.9%
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-	0	3	-100.0%
CONWAY NATURAL GASOLINE (OPI	6	9.77	-36.7%	32.14	-80.7%	14	7	99.7%
CONWAY NORMAL BUTANE (OPIS) S	27	24.59	9.4%	10.95	145.7%	16	10	60.3%
CONWAY PROPANE 5 DECIMALS S	880	821.41	7.2%	901.57	-2.3%	762	652	16.9%
CRUDE OIL	0	0	-	0	-	0	26	-100.0%
CRUDE OIL LAST DAY	25	6.91	258.4%	23.81	4.0%	19	18	8.2%
CRUDE OIL OUTRIGHTS	4,138	3,247.09	27.4%	3,660.24	13.1%	3,738	3,389	10.3%
CRUDE OIL PHY	884,427	921,170.27	-4.0%	768,962.9	15.0%	1,025,002	1,010,064	1.5%
CRUDE OIL SPRDS	3,071	926.86	231.3%	2,821.48	8.8%	2,597	1,390	86.9%
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	-	18	10	82.7%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-	0	0	-83.3%
DOMINION TRANSMISSION INC	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL CALENDAR	0	0	-	0	-	16	0	-
DUTCH TTF NATURAL GAS CAL MO	9	1,956.95	-99.6%	24.71	-64.9%	116	2,713	-95.7%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	17	4.5	281.0%	0	-	7	25	-73.5%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-	0	0	-
EMMISSIONS	180	0	-	40.1	348.8%	47	0	-
ETHANOL	0	1.45	-100.0%	0	-	0	2	-96.3%

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<b>Energy Futures</b>								
ETHANOL SWAP	6	9.55	-35.1%	2.62	136.4%	10	6	61.9%
ETHANOL T2 FOB ROTT INCL DUTY	76	131.09	-41.9%	176.9	-57.0%	144	175	-17.4%
EURO 3.5% FUEL OIL RDAM B	0	0	-	0	-	0	0	-
EURO GASOIL 10PPM VS ICE	1	6.36	-82.0%	1.43	-20.0%	9	8	24.0%
EUROPE 1% FUEL OIL NWE CA	0	0	-	0	-	0	0	-100.0%
EUROPE 3.5% FUEL OIL MED	0	0.59	-100.0%	0	-	0	0	-100.0%
EUROPE 3.5% FUEL OIL RDAM	0	0.59	-100.0%	0	-	4	2	138.4%
EUROPEAN GASOIL (ICE)	67	1.09	6002.4%	97.05	-31.4%	88	35	147.6%
EUROPEAN NAPHTHA BALMO	0	0	-	0.95	-75.0%	1	0	806.5%
EUROPEAN NAPHTHA CRACK SPR	97	31.77	206.5%	128.1	-24.0%	135	31	330.0%
EUROPE DATED BRENT SWAP	0	0	-	0	-	0	6	-100.0%
EUROPE JET KERO NWE CALSW	0	0.45	-100.0%	0	-	0	0	-100.0%
EUROPE NAPHTHA CALSWAP	21	32.09	-35.9%	29.62	-30.5%	36	24	48.8%
EURO PROPANE CIF ARA SWA	65	50.82	27.2%	70.76	-8.7%	84	68	23.1%
FREIGHT MARKETS	15	11.45	34.7%	11.43	35.0%	13	10	29.6%
FUEL OIL CRACK VS ICE	0	0	-	3.57	-100.0%	9	10	-10.2%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	1	1	-8.3%
FUELOIL SWAP:CARGOES VS.B	0	0	-	0	-	0	0	-
GAS EURO-BOB OXY NWE BARGES	8	64.18	-87.5%	8.67	-7.1%	11	31	-62.7%
GAS EURO-BOB OXY NWE BARGES	84	210.73	-60.0%	128.24	-34.3%	158	219	-27.7%
GASOIL 0.1CIF MED VS ICE	0	0	-	0	-	0	0	-25.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0	-	0	0	-66.7%
GASOIL 0.1 ROTTERDAM BARG	0	1.14	-58.1%	0	-	0	1	-20.0%
GASOIL CALENDAR SWAP	0	6.91	-93.8%	0	-	8	6	16.4%
GASOIL CRACK SPREAD CALEN	12	77.45	-85.1%	19.05	-39.3%	87	49	77.3%
GASOIL MINI CALENDAR SWAP	16	11.95	35.4%	10.1	60.4%	19	19	-0.4%
GERMAN POWER BASELOAD CAL M	0	0	-	0	-	0	0	-100.0%
GRP THREE ULSD(PLT)VS HEA	87	130.68	-33.5%	136.67	-36.4%	262	225	16.3%
GRP THREE UNL GS (PLT) VS	118	81.82	44.6%	151.9	-22.1%	193	126	52.7%
GULF COAST 3% FUEL OIL BA	0	0	-	4.29	-100.0%	6	0	-
GULF COAST JET FUEL CLNDR	0	0	-	0	-	0	0	-
GULF COAST JET VS NYM 2 H	324	966.09	-66.5%	354.1	-8.5%	592	1,052	-43.7%
GULF COAST NO.6 FUEL OIL	432	154.55	179.8%	321.43	34.5%	488	138	252.6%
GULF COAST ULSD CALENDAR	17	3.86	343.7%	0	-	6	24	-75.2%
GULF COAST ULSD CRACK SPR	0	0	-	0	-	0	0	-
HEATING OIL BALMO CLNDR S	5	4.36	9.1%	61.71	-92.3%	23	15	57.9%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	20	-100.0%
HEATING OIL PHY	149,426	123,829.55	20.7%	140,638.14	6.2%	167,792	148,476	13.0%
HENRY HUB SWAP	1,516	3,509.5	-56.8%	966.14	56.9%	1,401	1,686	-16.9%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-	0	0	-
HTG OIL	0	2.36	-100.0%	0	-	0	1	-67.9%
ICE BRENT DUBAI SWAP	3	11.09	-74.2%	2.29	25.0%	18	34	-47.3%
ICE GASOIL BALMO SWAP	0	0	-	0	-	0	0	-100.0%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	0	2.91	-100.0%	0	-	0	9	-100.0%
JAPAN C&F NAPHTHA CRACK S	1	0	-	3.81	-77.5%	1	0	-
JAPAN C&F NAPHTHA SWAP	6	2.77	131.9%	7.38	-12.9%	7	3	101.0%
JAPAN NAPHTHA BALMO SWAP	0	0	-	0	-	0	0	-

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	ADV JUN 2022	ADV JUN 2021	% CHG	ADV MAY 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Energy Futures</b>								
JET CIF NWE VS ICE	5	3.27	61.5%	12.9	-59.0%	11	6	66.1%
JET FUEL UP-DOWN BALMO CL	32	66.36	-52.4%	109.52	-71.2%	113	51	119.1%
JKM LNG Futures	0	41.45	-100.0%	24.48	-100.0%	17	24	-29.9%
LA CARB DIESEL (OPIS) SWA	1	12.95	-89.7%	2.38	-44.0%	18	11	64.1%
LA CARBOB GASOLINE(OPIS)S	0	0	-	0	-	0	2	-100.0%
LA JET (OPIS) SWAP	4	22.5	-84.1%	21.43	-83.3%	25	15	71.2%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	0	21.82	-100.0%	0	-	1	12	-93.6%
LTD NAT GAS	19,561	17,391.36	12.5%	17,293.24	13.1%	17,971	14,165	26.9%
MARS (ARGUS) VS WTI SWAP	4	0	-	0	-	12	10	18.1%
MARS (ARGUS) VS WTI TRD M	908	1,025.91	-11.5%	741.29	22.5%	776	965	-19.5%
MCCLOSKEY ARA ARGS COAL	336	437.18	-23.1%	278.76	20.6%	347	631	-45.1%
MCCLOSKEY RCH BAY COAL	27	56.09	-51.3%	9.86	177.3%	23	45	-49.4%
MGN1 SWAP FUT	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	1	0.45	57.2%	0	-	2	1	162.3%
MINI RBOB V. EBOBARG NWE BRGS	2	2.73	-12.7%	0	-	0	2	-82.8%
MINI RBOB V. EBOB(ARGUS) NWE B	10	23.09	-55.5%	8.52	20.7%	19	31	-37.6%
MINY HTG OIL	0	0.23	67.6%	0.24	60.0%	0	0	21.0%
MINY NATURAL GAS	18,648	4,585.23	306.7%	20,598	-9.5%	15,554	5,182	200.1%
MINY RBOB GAS	0	0.5	-33.3%	0.38	-12.5%	0	0	-3.6%
MINY WTI CRUDE OIL	24,418	19,268.82	26.7%	24,456.71	-0.2%	30,225	19,489	55.1%
MJC FUT	0	0	-	0	-	0	0	-100.0%
MNC FUT	88	60.23	45.9%	79.86	10.0%	83	28	202.8%
MONT BELVIEU ETHANE 5 DECIMAL	2,216	1,222.09	81.3%	1,859.05	19.2%	1,738	1,179	47.4%
MONT BELVIEU ETHANE OPIS BALM	52	14.18	269.4%	58.81	-10.9%	47	18	153.8%
MONT BELVIEU LDH PROPANE 5 DE	7,766	7,259.27	7.0%	7,540.9	3.0%	8,443	8,380	0.7%
MONT BELVIEU LDH PROPANE OPIS	68	52.45	29.8%	61.14	11.4%	158	150	5.3%
MONT BELVIEU NATURAL GASOLIN	1,202	727.18	65.3%	1,597.38	-24.8%	1,113	663	68.0%
MONT BELVIEU NATURAL GASOLIN	73	27.27	167.0%	79	-7.8%	61	26	132.4%
MONT BELVIEU NORMAL BUTANE 5	2,792	2,451.82	13.9%	2,704.57	3.2%	2,547	2,272	12.1%
MONT BELVIEU NORMAL BUTANE B	75	56.64	32.0%	45	66.1%	80	67	20.9%
NATURAL GAS	10,057	7,353.64	36.8%	8,035.38	25.2%	9,353	5,800	61.3%
NATURAL GAS PEN SWP	3,301	2,658.59	24.2%	2,524.19	30.8%	2,570	2,457	4.6%
NATURAL GAS PHY	383,199	409,821.68	-6.5%	316,610.76	21.0%	382,213	382,886	-0.2%
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	46	2.73	1593.6%	63.33	-27.1%	43	6	565.0%
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	70	37.95	84.6%	40.24	74.1%	54	45	21.4%
NY HARBOR LOW SULPUR GAS 100C	0	0	-	0	-	0	13	-100.0%
NY HARBOR RESIDUAL FUEL 1	4	7.95	-55.1%	17.86	-80.0%	8	9	-4.5%
NYH NO 2 CRACK SPREAD CAL	75	75.82	-1.6%	69.81	6.8%	113	91	23.6%
NYISO CAPACITY	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>								
NYISO ZONE G 5MW D AH PK	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	6	0	-	24.52	-75.7%	17	0	4062.3%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-	0	0	-
PETROCHEMICALS	151	177.36	-15.1%	137.52	9.5%	172	157	9.5%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	860	904.86	-5.0%	935.81	-8.1%	1,044	1,243	-16.0%
PETRO CRK&SPRD EURO	27	53.64	-50.0%	17.57	52.6%	50	36	39.1%
PETROLEUM PRODUCTS	92	38.68	138.6%	79.33	16.3%	105	34	210.8%
PETROLEUM PRODUCTS ASIA	18	20.55	-11.9%	69	-73.8%	50	9	482.9%
PETRO OUTRIGHT EURO	433	395.5	9.6%	385	12.5%	542	347	56.1%
PETRO OUTRIGHT NA	146	87.45	66.9%	159.14	-8.3%	223	147	51.7%
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	75	41.77	80.3%	27.81	170.9%	53	76	-30.0%
PREMIUM UNLD 10P FOB MED	2	0.23	842.8%	0	-	0	0	1100.7%
PROPANE NON-LDH MB (OPIS) BAL	106	37.55	181.8%	74.81	41.4%	86	70	22.7%
PROPANE NON-LDH MT. BEL (OPIS)	716	557.82	28.3%	727.76	-1.6%	656	819	-20.0%
RBOB CALENDAR SWAP	134	349.64	-61.6%	318.81	-57.9%	289	307	-5.7%
RBOB CRACK SPREAD	37	137.14	-73.1%	42.71	-13.6%	103	124	-16.7%
RBOB GAS	0	0	-	0	-	0	0	-60.0%
RBOB GASOLINE BALMO CLNDR	38	53.77	-29.9%	190.57	-80.2%	84	26	227.8%
RBOB PHY	177,267	176,522.41	0.4%	190,381.29	-6.9%	187,685	193,733	-3.1%
RBOB VS HEATING OIL SWAP	0	4.55	-100.0%	0	-	3	4	-25.7%
SINGAPORE 380CST BALMO	0	0	-	0	-	0	0	-
SINGAPORE 380CST FUEL OIL	2	9.73	-82.4%	1.76	-2.7%	10	10	0.6%
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL SPREAD	1	0	-	0	-	0	0	-
SINGAPORE GASOIL	37	30.18	22.9%	40.81	-9.1%	46	27	71.0%
SINGAPORE GASOIL CALENDAR	1	9.91	-90.4%	3.1	-69.2%	9	32	-71.9%
SINGAPORE GASOIL SWAP	1	56.95	-98.9%	12.19	-94.9%	23	75	-69.1%
SINGAPORE GASOIL VS ICE	0	47.73	-100.0%	0	-	32	37	-14.5%
SINGAPORE JET KERO GASOIL	0	0	-	7.71	-100.0%	29	2	1117.6%
SINGAPORE JET KEROSENE SW	0	0	-	0	-	3	7	-50.9%
SINGAPORE MOGAS 92 UNLEADED	29	0	-	0	-	7	2	170.0%
SINGAPORE MOGAS 92 UNLEADED	6	13.64	-57.0%	8.43	-30.5%	5	18	-73.7%
TC2 ROTTERDAM TO USAC 37K	0	0	-	1.71	-100.0%	2	1	151.4%
TC5 RAS TANURA TO YOKOHAM	6	0	-	0	-	2	1	44.4%
TD3 MEG TO JAPAN 250K MT	0	8.18	-100.0%	0	-	50	75	-33.5%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-	0	0	-
UK NBP NAT GAS CAL MTH FUT	0	2.27	-100.0%	0	-	0	20	-100.0%
ULSD UP-DOWN BALMO SWP	168	217.05	-22.8%	470.33	-64.4%	357	270	32.3%
UP DOWN GC ULSD VS NMX HO	686	1,526.05	-55.0%	1,169.05	-41.3%	1,538	1,441	6.7%
WTI-BRENT CALENDAR SWAP	2,686	2,252.64	19.2%	1,837.52	46.2%	2,881	1,966	46.5%
WTI CALENDAR	2,866	2,596.09	10.4%	2,346.95	22.1%	3,355	2,624	27.9%
WTI MIDLAND CRUDE OIL	0	0	-	0	-	0	14	-100.0%

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<b>Energy Futures</b>								
WTS (ARGUS) VS WTI SWAP	102	320.18	-68.1%	77.14	32.2%	150	202	-25.8%
WTS (ARGUS) VS WTI TRD MT	29	0	-	35.24	-18.9%	47	38	24.2%
<b>Energy Options</b>								
BRENT CALENDAR SWAP	0	81.82	-100.0%	23.14	-100.0%	25	20	23.2%
BRENT CRUDE OIL 1 M CSO	0	22.73	-100.0%	83.33	-100.0%	720	573	25.7%
BRENT OIL LAST DAY	2,513	1,213.86	107.0%	1,378.57	82.3%	1,767	2,497	-29.2%
COAL API2 INDEX	0	5.91	-100.0%	3.14	-100.0%	4	13	-69.0%
CRUDE OIL	0	0	-	0	-	0	0	-
CRUDE OIL 1MO	1,642	4,877.27	-66.3%	2,354.52	-30.3%	3,710	6,927	-46.5%
CRUDE OIL APO	905	1,921.68	-52.9%	629	43.9%	1,050	1,819	-42.3%
CRUDE OIL CALNDR STRIP	0	0	-	0	-	0	0	-
CRUDE OIL PHY	117,595	123,167.18	-4.5%	96,600.57	21.7%	132,735	114,949	15.5%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ETHANOL SWAP	205	169.18	20.9%	104.24	96.3%	177	131	34.4%
FREIGHT MARKETS	0	0	-	0	-	0	0	-
HEATING OIL CRK SPD AVG PRICE	0	27.27	-100.0%	23.81	-100.0%	6	8	-19.4%
HEATING OIL PHY	342	262.55	30.2%	400.24	-14.6%	582	274	112.6%
HENRY HUB FINANCIAL LAST	211	566.55	-62.7%	150.48	40.3%	270	558	-51.6%
HO 1 MONTH CLNDR OPTIONS	0	0	-	116.67	-100.0%	27	0	-
LLS CRUDE OIL	0	0	-	42.86	-100.0%	17	0	-
MCCLOSKEY ARA ARGS COAL	0	0	-	0	-	0	2	-100.0%
NATURAL GAS	5	0	-	6.52	-19.7%	29	0	-
NATURAL GAS 1 M CSO FIN	1,381	2,454.55	-43.7%	2,690.48	-48.7%	4,780	2,048	133.4%
NATURAL GAS 2 M CSO FIN	57	0	-	169.05	-66.2%	111	47	137.1%
NATURAL GAS 3 M CSO FIN	1,540	1,312.5	17.4%	3,219.05	-52.1%	1,742	940	85.4%
NATURAL GAS 5 M CSO FIN	0	0	-	0	-	373	90	314.8%
NATURAL GAS 6 M CSO FIN	143	22.73	528.6%	309.52	-53.8%	620	550	12.8%
NATURAL GAS OPT	0	864.55	-100.0%	110.71	-100.0%	50	1,201	-95.8%
NATURAL GAS OPTION ON CALEND	0	913.64	-100.0%	0	-	5	293	-98.3%
NATURAL GAS PHY	118,363	105,252.77	12.5%	96,167.1	23.1%	110,973	96,402	15.1%
NATURAL GAS SUMMER STRIP	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	114	61.68	85.4%	106.76	7.1%	104	44	133.8%
PETROCHEMICALS	109	98.64	10.1%	3.86	2714.8%	26	52	-51.2%
PETRO OUTRIGHT EURO	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	0	4.09	-100.0%	0	-	3	7	-58.3%
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	74	0	-	0	-	13	0	-
RBOB CALENDAR SWAP	55	0	-	76.9	-28.8%	24	9	163.6%
RBOB PHY	247	355.77	-30.7%	290.71	-15.2%	188	351	-46.4%
SHORT TERM	2	0	-	50	-95.2%	17	7	148.5%
SHORT TERM NATURAL GAS	15	29.55	-47.6%	104.76	-85.2%	38	20	87.1%
WTI-BRENT BULLET SWAP	3,993	793.18	403.4%	195.29	1944.7%	1,710	1,301	31.4%
WTI CRUDE OIL 1 M CSO FI	3,243	4,495.91	-27.9%	7,145.24	-54.6%	3,174	3,807	-16.6%

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<b>Metals Futures</b>								
ALUMINUM	2,213	1,427.45	55.1%	2,054.38	7.7%	1,528	1,011	51.1%
COBALT METAL FUTURES	130	61.09	112.1%	35.29	267.2%	43	19	119.3%
COMEX COPPER	96,253	117,413.64	-18.0%	64,536.05	49.1%	84,031	115,462	-27.2%
COMEX E-Mini GOLD	1,261	883.95	42.7%	1,640.29	-23.1%	1,513	1,110	36.3%
COMEX E-Mini SILVER	155	247.86	-37.7%	176.62	-12.5%	194	361	-46.2%
COMEX GOLD	170,243	218,186.18	-22.0%	235,072.95	-27.6%	227,580	255,659	-11.0%
COMEX MINY COPPER	197	234.64	-16.1%	143.52	37.2%	180	198	-9.2%
COMEX SILVER	76,041	91,057.27	-16.5%	57,333.86	32.6%	69,527	92,633	-24.9%
COPPER	4,246	63	6640.2%	2,107.14	101.5%	1,151	129	791.4%
FERROUS PRODUCTS	124	48.73	155.4%	120.48	3.3%	128	78	63.6%
GOLD	69	202.73	-66.1%	37.38	84.1%	419	191	118.9%
HOT ROLLED COIL STEEL FUTURES	162	89.59	80.5%	155.9	3.7%	119	52	126.6%
IRON ORE CHINA	90	46.45	93.1%	41.38	116.8%	65	48	33.3%
METALS	10	0	-	6.86	38.9%	13	0	3131.2%
MICRO GOLD	43,929	56,322.5	-22.0%	47,068.33	-6.7%	55,539	62,623	-11.3%
NYMEX HOT ROLLED STEEL	986	827.95	19.1%	793.76	24.2%	1,155	1,030	12.0%
NYMEX PLATINUM	25,135	22,427.05	12.1%	15,956.95	57.5%	20,507	18,103	13.3%
PALLADIUM	1,383	1,440.32	-4.0%	2,525.1	-45.2%	2,330	2,283	2.0%
SILVER	6,076	8,859	-31.4%	7,860.57	-22.7%	8,157	11,575	-29.5%
URANIUM	0	0.23	-100.0%	0	-	0	7	-97.2%
<b>Metals Options</b>								
ALUMINUM	0	47.73	-100.0%	0	-	0	18	-100.0%
COMEX COPPER	4,707	4,142.59	13.6%	4,162.67	13.1%	3,721	3,413	9.0%
COMEX GOLD	33,575	31,893.5	5.3%	40,850.81	-17.8%	43,382	36,818	17.8%
COMEX SILVER	4,244	8,793	-51.7%	6,136.38	-30.8%	5,348	8,798	-39.2%
COPPER	100	0.73	13642.9%	31.67	215.6%	36	1	4116.7%
GOLD	10,916	9,137.73	19.5%	8,935.24	22.2%	10,458	8,337	25.5%
IRON ORE CHINA	0	59.09	-100.0%	0	-	0	16	-100.0%
NYMEX HOT ROLLED STEEL	100	15	567.9%	44.1	127.2%	81	13	522.4%
NYMEX PLATINUM	289	149	93.9%	146.9	96.7%	306	163	88.6%
PALLADIUM	0	42.95	-99.2%	0.33	0.0%	1	36	-97.7%
SILVER	829	741.95	11.8%	744.91	11.3%	924	487	89.6%
<b>Foreign Exchange Futures</b>								
CHILEAN PESO	0	0	-	0	-	0	0	-
<b>Foreign Exchange Options</b>								
AUD/USD WKLY WED OPTIONS - WK	19	4.18	347.5%	23.48	-20.3%	23	28	-17.6%

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	ADV JUN 2022	ADV JUN 2021	% CHG	ADV MAY 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Ags Futures</b>								
FERTILIZER PRODUCTS	150	219.09	-31.6%	67.71	121.4%	138	184	-24.9%

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	ADV JUN 2022	ADV JUN 2021	% CHG	ADV MAY 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Ag Products Futures</b>								
BLOCK CHEESE	18	23.18	-21.9%	5.29	242.3%	18	44	-59.6%
BUTTER CS	200	204.59	-2.4%	195.81	2.0%	223	220	1.7%
CASH-SETTLED CHEESE	607	542.5	11.9%	417.9	45.3%	499	579	-13.8%
CAT ASIA WEATHER	0	0	-	0	-	0	10	-100.0%
CATTLE	51,965	46,230.73	12.4%	61,931.24	-16.1%	60,316	57,586	4.7%
CAT WEATHER EUROPEAN	0	22.73	-100.0%	0	-	0	4	-100.0%
CDD SEASONAL STRIP	36	47.73	-25.2%	188.1	-81.0%	59	51	16.3%
CDD WEATHER	38	75	-49.2%	790.48	-95.2%	179	55	226.9%
CHI WHEAT	122,937	150,201	-18.2%	86,962.86	41.4%	114,636	133,697	-14.3%
CLASS IV MILK	109	74.55	45.6%	132.76	-18.2%	126	42	202.4%
COFFEE	0	0	-	0	-	0	0	-100.0%
CORN	396,914	455,482.32	-12.9%	258,137.71	53.8%	353,470	415,672	-15.0%
DJ_UBS ROLL SELECT INDEX FUTU	1,207	475.45	153.8%	74.43	1521.5%	421	142	197.0%
DOW-UBS COMMOD INDEX	6,249	5,302.32	17.9%	2,062.05	203.1%	3,180	2,730	16.5%
DRY WHEY	65	114.18	-43.0%	53.86	20.8%	54	122	-55.3%
FEEDER CATTLE	12,058	9,908.45	21.7%	10,409.14	15.8%	12,617	11,485	9.9%
FERTILIZER PRODUCS	0	0	-	0	-	0	0	-
GOLDMAN SACHS	198	520	-62.0%	171.86	15.0%	187	576	-67.5%
GSCI EXCESS RETURN FUT	5,944	5,486.91	8.3%	166.86	3462.5%	2,314	2,075	11.5%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	0	0	-	0	-	65	92	-29.5%
HDD WEATHER EUROPEAN	0	0	-	0	-	31	13	142.2%
HOGS	46,757	59,143.14	-20.9%	49,302.33	-5.2%	47,249	48,694	-3.0%
HOUSING INDEX	1	0.45	78.0%	2.33	-65.3%	1	1	54.1%
KC WHEAT	49,377	61,268.64	-19.4%	32,730.81	50.9%	47,460	55,203	-14.0%
LUMBER	434	637.23	-31.9%	312.67	38.7%	395	527	-25.0%
MALAYSIAN PALM SWAP	0	1,261.82	-100.0%	0	-	0	522	-100.0%
MILK	1,389	995.59	39.5%	1,300.1	6.8%	1,474	1,149	28.3%
MINI CORN	2,150	4,162.73	-48.3%	2,415.38	-11.0%	3,027	3,736	-19.0%
MINI SOYBEAN	2,477	2,860.41	-13.4%	2,135.67	16.0%	3,009	3,287	-8.4%
MINI WHEAT	1,081	1,139.14	-5.1%	1,275.71	-15.2%	1,365	1,021	33.8%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	255	213.36	19.7%	192.29	32.9%	306	291	5.1%
OATS	468	699.86	-33.2%	332.9	40.5%	461	518	-11.1%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	0	-
PORK CUTOUT	124	76.32	63.1%	133.9	-7.0%	125	156	-20.0%
ROUGH RICE	1,086	1,022.36	6.3%	714.1	52.1%	953	852	11.9%
SOYBEAN	234,025	254,583.41	-8.1%	158,525.62	47.6%	216,988	240,136	-9.6%
SOYBEAN MEAL	123,332	126,159.68	-2.2%	82,558.52	49.4%	107,538	107,516	0.0%
SOYBEAN OIL	133,187	179,511.73	-25.8%	84,289.1	58.0%	110,824	142,028	-22.0%
S&P GSCI ENHANCED ER SWAP	0	91	-100.0%	0	-	0	32	-100.0%
USD CRUDE PALM OIL	1,507	282.09	434.3%	676.95	122.7%	1,109	247	349.0%
WHEAT	39	1,576.05	-97.5%	33.48	16.1%	451	1,199	-62.4%

### Ag Products Options

BLOCK CHEESE	72	13.09	448.5%	0	-	19	17	14.5%
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	ADV JUN 2022	ADV JUN 2021	% CHG	ADV MAY 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Ag Products Options</b>								
BUTTER CS	102	120.09	-14.7%	51.67	98.2%	74	124	-40.0%
CASH-SETTLED CHEESE	323	331.59	-2.7%	271	19.0%	374	399	-6.3%
CATTLE	10,449	8,647.23	20.8%	10,785.43	-3.1%	10,623	9,358	13.5%
CDD SEASONAL STRIP	214	159.09	34.7%	297.62	-28.0%	165	68	142.6%
CDD WEATHER	17	0	-	35.71	-53.3%	9	22	-60.0%
CHI WHEAT	26,771	18,182.68	47.2%	27,205.48	-1.6%	30,305	22,647	33.8%
CLASS IV MILK	251	141.73	76.8%	326.33	-23.2%	311	151	106.6%
CORN	168,988	165,008.73	2.4%	129,678.67	30.3%	137,776	159,529	-13.6%
CORN NEARBY+2 CAL SPRD	1,533	1,475.32	3.9%	389.76	293.3%	1,255	666	88.6%
DEC-DEC CORN CAL SPRD	0	4.86	-100.0%	0	-	0	11	-100.0%
DEC-JULY CORN CAL SPRD	179	0	-	0	-	57	1	7006.6%
DRY WHEY	0	0	-	4.43	-96.8%	21	11	87.1%
FEEDER CATTLE	1,403	1,033.95	35.7%	1,640.1	-14.5%	1,671	1,059	57.7%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	40	-100.0%
HDD WEATHER	0	0	-	0	-	39	50	-23.2%
HDD WEATHER EUROPEAN	0	0	-	0	-	8	10	-20.0%
HOGS	8,713	12,938	-32.7%	11,392.19	-23.5%	11,172	9,815	13.8%
Intercommodity Spread	0	0.09	-100.0%	0	-	0	2	-100.0%
JULY-DEC CORN CAL SPRD	566	135.91	316.1%	280.95	101.3%	457	230	98.3%
JULY-DEC SOYMEAL CAL SPRD	21	0	-	19.52	6.1%	7	0	-
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	0	0	-
JULY-DEC WHEAT CAL SPRD	0	0	-	0	-	30	1	3599.8%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-	0	0	-
JULY-NOV SOYBEAN CAL SPRD	379	42.95	781.6%	460.29	-17.7%	344	20	1660.0%
KC WHEAT	3,255	2,320.68	40.2%	4,414.38	-26.3%	4,003	2,643	51.4%
LUMBER	14	42.68	-66.6%	16.38	-13.1%	23	42	-44.9%
MAR-DEC CORN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY CORN CAL SPRD	0	0	-	0	-	77	0	-
MAR-JULY SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-	1	0	-
MILK	739	1,262.36	-41.5%	944.57	-21.8%	917	1,310	-30.0%
MLK MID OPTIONS	0	0	-	0	-	0	0	308.7%
NFD MILK	156	302.14	-48.3%	144.57	8.1%	218	239	-8.8%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	5	0	-
NOV-MAR SOYBEAN CSO	0	0	-	0	-	0	0	-
OATS	7	17.09	-56.5%	13.1	-43.3%	12	8	40.5%
PORK CUTOUT	0	0.86	-100.0%	0	-	0	6	-95.3%
ROUGH RICE	72	39.18	82.8%	85.57	-16.3%	72	47	52.1%
SOYBEAN	73,081	96,296.77	-24.1%	70,082.95	4.3%	81,964	89,060	-8.0%
SOYBEAN CRUSH	1	6.82	-79.0%	1.19	20.0%	1	8	-85.1%
SOYBEAN MEAL	10,207	12,507.36	-18.4%	8,533.24	19.6%	11,749	11,714	0.3%
SOYBEAN OIL	11,684	17,935.91	-34.9%	9,120.81	28.1%	12,014	16,332	-26.4%
SOYBN NEARBY+2 CAL SPRD	25	140	-82.0%	39.52	-36.1%	158	81	93.7%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-	9	0	-
WHEAT	0	91.36	-100.0%	0.48	-100.0%	10	51	-80.8%
WHEAT-CORN IC50	29	0	-	147.62	-80.6%	38	7	468.0%
WHEAT NEARBY+2 CAL SPRD	233	14.14	1550.9%	3.81	6026.1%	239	15	1544.2%

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<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	8,248,108	6,568,648.5	25.6%	9,674,073.14	-14.7%	9,198,279	7,429,602	23.8%
Equity Index Futures	6,997,756	3,953,247	77.0%	7,082,310.71	-1.2%	6,648,183	4,864,261	36.7%
Metals Futures	428,701	519,839.64	-17.5%	437,666.81	-2.0%	474,177	562,576	-15.7%
Energy Futures	1,769,898	1,800,822.86	-1.7%	1,585,773.19	11.6%	1,957,778	1,924,546	1.7%
FX Futures	1,117,085	889,155.82	25.6%	831,583.81	34.3%	883,535	774,883	14.0%
Foreign Exchange Futures	0	0	-	0	-	0	0	-
Ags Futures	150	219.09	-31.6%	67.71	121.4%	138	184	-24.9%
Ag Products Futures	1,196,236	1,370,396.64	-12.7%	838,632.19	42.6%	1,091,130	1,232,305	-11.5%
<b>TOTAL FUTURES</b>	<b>19,757,935</b>	<b>15,102,329.55</b>	<b>30.8%</b>	<b>20,450,107.57</b>	<b>-3.4%</b>	<b>20,253,219.8</b>	<b>16,788,356.02</b>	<b>20.6%</b>
<b>TOTAL OPTIONS GROUP</b>								
Interest Rate Options	2,345,549	1,998,233.36	17.4%	1,951,841.86	20.2%	2,359,125	2,020,954	16.7%
Equity Index Options	1,184,577	588,415.68	101.3%	1,279,908.14	-7.4%	1,196,190	642,106	86.3%
Metals Options	54,759	55,023.27	-0.5%	61,053	-10.3%	64,258	58,099	10.6%
Energy Options	252,753	248,975.55	1.5%	212,556.52	18.9%	265,068	234,942	12.8%
FX Options	41,868	39,023.36	7.3%	42,102.81	-0.6%	43,589	34,933	24.8%
Ag Products Options	319,484	339,212.68	-5.8%	276,387.33	15.6%	306,227	325,795	-6.0%
Foreign Exchange Options	19	4.18	347.5%	23.48	-20.3%	23	28	-17.6%
<b>TOTAL OPTIONS</b>	<b>4,199,008</b>	<b>3,268,888.09</b>	<b>28.5%</b>	<b>3,823,873.14</b>	<b>9.8%</b>	<b>4,234,481.41</b>	<b>3,316,857.89</b>	<b>27.7%</b>
<b>TOTAL COMBINED</b>								
FX	1,158,953	928,179.18	24.9%	873,686.62	32.7%	927,124	809,816	14.5%
Equity Index	8,182,333	4,541,662.68	80.2%	8,362,218.86	-2.2%	7,844,373	5,506,368	42.5%
Interest Rate	10,593,657	8,566,881.86	23.7%	11,625,915	-8.9%	11,557,404	9,450,556	22.3%
Energy	2,022,652	2,049,798.41	-1.3%	1,798,329.71	12.5%	2,222,846	2,159,488	2.9%
Metals	483,461	574,862.91	-15.9%	498,719.81	-3.1%	538,435	620,675	-13.3%
Foreign Exchange	19	4.18	348.7%	23.48	-20.1%	24	28	-16.9%
Ags	150	219.09	-31.6%	67.71	121.4%	138	184	-24.9%
Ag Products	1,515,719	1,709,609.32	-11.3%	1,115,019.52	35.9%	1,397,357	1,558,099	-10.3%
<b>GRAND TOTAL</b>	<b>23,956,943</b>	<b>18,371,217.64</b>	<b>30.4%</b>	<b>24,273,980.71</b>	<b>-1.3%</b>	<b>24,487,701.2</b>	<b>20,105,213.9</b>	<b>21.8%</b>

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