

CME Group Exchange ADV Report - Monthly

April 2022

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	ADV APR 2022	ADV APR 2021	% CHG	ADV MAR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
FX Futures								
AD/CD CROSS RATES	5	0.95	451.2%	3.13	67.7%	3	1	406.8%
AD/JY CROSS RATES	318	66.24	379.6%	368.87	-13.9%	282	117	141.3%
AD/NE CROSS RATES	140	7.29	1820.9%	244.74	-42.8%	118	10	1138.9%
AUSTRALIAN DOLLAR	85,700	82,802.57	3.5%	98,590.52	-13.1%	93,649	107,431	-12.8%
BP/JY CROSS RATES	180	85.48	110.2%	370.04	-51.5%	223	113	97.8%
BP/SF CROSS RATES	112	39.05	186.1%	111.13	0.5%	111	45	147.2%
BRAZIL REAL	17,674	11,031.76	60.2%	15,460.74	14.3%	16,878	12,048	40.1%
BRITISH POUND	99,749	77,479.24	28.7%	128,360.96	-22.3%	110,103	90,507	21.7%
CANADIAN DOLLAR	73,275	71,550.57	2.4%	91,705.35	-20.1%	80,903	79,029	2.4%
CD/JY CROSS RATES	0	0.52	-80.9%	1.48	-93.2%	7	7	6.6%
CHINESE RENMINBI (CNH)	1,569	451.95	247.2%	1,338.7	17.2%	1,090	719	51.7%
CZECK KORUNA (EC)	1	0	-	0.35	245.0%	0	0	1649.2%
CZECK KORUNA (US)	0	0.05	5.0%	0.22	-77.0%	0	0	266.4%
EC/AD CROSS RATES	168	119.52	40.3%	486.83	-65.6%	253	245	3.3%
EC/CD CROSS RATES	257	184.9	39.2%	863.43	-70.2%	399	303	31.7%
EC/NOK CROSS RATES	56	14.33	288.3%	138.52	-59.8%	66	37	75.9%
EC/SEK CROSS RATES	39	12.43	213.4%	267.17	-85.4%	112	30	277.2%
EFX/BP CROSS RATES	2,886	1,174.48	145.7%	8,726.78	-66.9%	4,542	2,613	73.8%
EFX/JY CROSS RATES	1,701	965.81	76.1%	6,128.04	-72.2%	3,325	1,717	93.7%
EFX/SF CROSS RATES	1,040	579.62	79.5%	4,087.43	-74.5%	2,148	1,035	107.4%
E-MICRO USD/CAD	6	0	-	24.43	-77.3%	16	0	-
E-MICRO USD/CHF	1	0	-	6.13	-80.4%	3	0	-
E-MICRO USD/JPY	710	0	-	333.96	112.7%	321	0	-
E-MINI EURO FX	5,077	4,343.19	16.9%	7,946.52	-36.1%	6,329	6,932	-8.7%
E-MINI JAPANESE YEN	563	334.43	68.4%	398.26	41.4%	385	493	-21.8%
EURO FX	179,128	160,281.19	11.8%	302,031	-40.7%	218,855	200,254	9.3%
HUNGARIAN FORINT (EC)	0	0	-	0.78	-93.6%	0	0	-
HUNGARIAN FORINT (US)	0	0.05	110.1%	0.17	-42.5%	0	1	-52.5%
INDIAN RUPEE	1,123	587	91.3%	976.43	15.0%	992	818	21.2%
JAPANESE YEN	143,460	105,113.52	36.5%	148,642.74	-3.5%	129,342	105,173	23.0%
KOREAN WON	27	82.05	-67.4%	32.74	-18.3%	38	114	-66.7%
MEXICAN PESO	41,287	36,045.48	14.5%	62,215.61	-33.6%	49,153	53,713	-8.5%
MICRO AUD/USD	12,978	9,437.19	37.5%	10,883.96	19.2%	12,719	12,128	4.9%
MICRO CAD/USD	2,363	2,339.52	1.0%	2,095.83	12.8%	2,590	2,315	11.9%
MICRO CHF/USD	522	320.62	62.8%	623.3	-16.3%	527	472	11.5%
MICRO EUR/USD	33,207	19,381.57	71.3%	34,428.74	-3.5%	33,549	26,146	28.3%
MICRO GBP/USD	3,763	3,302.29	13.9%	3,884.7	-3.1%	3,955	3,421	15.6%
MICRO INR/USD	37	99.71	-62.7%	39.3	-5.4%	40	113	-64.1%
MICRO JPY/USD	0	1,465.81	-100.0%	556.48	-100.0%	1,240	1,485	-16.5%
MICRO USD/CNH	0	0.14	-100.0%	0.04	-100.0%	0	0	-71.4%
NEW ZEALND DOLLAR	26,479	21,911.9	20.8%	30,411.3	-12.9%	27,745	30,386	-8.7%
NKR/USD CROSS RATE	123	240	-48.8%	230.09	-46.6%	170	300	-43.4%
POLISH ZLOTY (EC)	3	2.24	47.4%	19.74	-83.3%	8	7	10.0%
POLISH ZLOTY (US)	30	18.1	68.0%	162.57	-81.3%	79	53	48.6%
RMB USD	0	0	-	0.13	-61.7%	0	0	-
RUSSIAN RUBLE	51	3,986.76	-98.7%	565.09	-90.9%	7,136	4,740	50.6%
S.AFRICAN RAND	3,681	1,625.86	126.4%	5,613.13	-34.4%	4,392	2,552	72.1%
SF/JY CROSS RATES	42	1.9	2097.1%	55.39	-24.4%	27	4	566.7%
SHEKEL	0	0.05	425.2%	0.22	15.0%	1	0	300.1%

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FX Futures								
SKR/USD CROSS RATES	253	217	16.7%	568.87	-55.5%	381	262	45.5%
SWISS FRANC	19,077	18,930.81	0.8%	28,165.65	-32.3%	22,822	23,208	-1.7%
TURKISH LIRA	0	0.76	-100.0%	4.87	-100.0%	2	3	-53.3%
USDZAR	0	0.19	-100.0%	0	-	0	1	-44.9%
FX Options								
AUD/USD MONDAY OPTION WEEK1	4	31.29	-86.4%	21.26	-80.0%	18	24	-25.3%
AUD/USD MONDAY OPTION WEEK2	4	4.71	-12.0%	5.48	-24.2%	28	19	52.1%
AUD/USD MONDAY OPTION WEEK3	30	9.71	212.4%	20.48	48.2%	18	22	-18.7%
AUD/USD MONDAY OPTION WEEK4	41	31.48	30.3%	4.91	734.5%	20	23	-12.9%
AUD/USD MONDAY OPTION WEEK5	0	0	-	0	-	10	0	3286.8%
AUD/USD MONTHLY OPTIONS	4,888	3,285.86	48.8%	2,809.39	74.0%	5,026	3,010	67.0%
AUD/USD WKLY FRIDAY OPTIONS -	1	6.48	-84.6%	76.09	-98.7%	22	12	84.8%
AUD/USD WKLY FRIDAY OPTIONS -	55	58.05	-5.4%	54	1.7%	99	80	23.5%
AUD/USD WKLY FRIDAY OPTIONS -	81	87.19	-6.6%	87	-6.4%	131	123	6.1%
AUD/USD WKLY FRIDAY OPTIONS -	64	156.52	-59.2%	54.57	17.0%	93	173	-46.5%
AUD/USD WKLY FRIDAY OPTIONS -	73	70.57	3.7%	25.17	190.6%	25	37	-33.5%
AUD/USD WKLY WED OPTIONS - WK	13	51.29	-73.9%	55.09	-75.7%	42	50	-16.6%
AUD/USD WKLY WED OPTIONS - WK	29	24.62	16.0%	19.61	45.6%	32	39	-16.8%
AUD/USD WKLY WED OPTIONS - WK	3	6.33	-51.1%	11.26	-72.5%	11	26	-55.9%
AUD/USD WKLY WED OPTIONS - WK	31	25.76	19.4%	3.39	806.7%	23	55	-58.3%
AUD/USD WKLY WED OPTIONS - WK	0	0	-	9.17	-100.0%	3	7	-62.6%
BRL/USD MONTHLY OPTIONS	9	30.48	-69.8%	12.74	-27.8%	22	20	9.5%
CAD/USD MONDAY OPTIONS WEEK1	13	32.95	-60.4%	13.09	-0.3%	11	43	-75.6%
CAD/USD MONDAY OPTIONS WEEK2	67	32.1	108.6%	82.26	-18.6%	71	32	121.4%
CAD/USD MONDAY OPTIONS WEEK3	144	14.52	893.2%	24	501.0%	42	15	174.4%
CAD/USD MONDAY OPTIONS WEEK4	74	16.33	352.1%	22.09	234.4%	54	25	119.2%
CAD/USD MONDAY OPTIONS WEEK5	0	0	-	0	-	15	7	105.2%
CAD/USD MONTHLY OPTIONS	5,567	2,894.57	92.3%	4,745.7	17.3%	4,627	2,576	79.6%
CAD/USD WKLY FRIDAY OPTIONS -	8	0.62	1232.8%	260.61	-96.8%	75	78	-3.3%
CAD/USD WKLY FRIDAY OPTIONS -	38	59.86	-35.9%	52.17	-26.5%	196	144	36.8%
CAD/USD WKLY FRIDAY OPTIONS -	304	249.19	22.1%	222.57	36.7%	288	281	2.4%
CAD/USD WKLY FRIDAY OPTIONS -	366	281.33	30.0%	228.61	59.9%	285	342	-16.7%
CAD/USD WKLY FRIDAY OPTIONS -	181	188.95	-4.0%	28.35	540.1%	52	120	-56.6%
CAD/USD WKLY WED OPTIONS - WK	72	26.86	169.6%	28	158.6%	57	48	18.5%
CAD/USD WKLY WED OPTIONS - WK	63	31.48	99.8%	8.96	602.3%	64	60	7.7%
CAD/USD WKLY WED OPTIONS - WK	144	28.52	406.1%	22.61	538.5%	83	65	28.7%
CAD/USD WKLY WED OPTIONS - WK	52	98.95	-47.2%	136	-61.6%	93	44	109.1%
CAD/USD WKLY WED OPTIONS - WK	0	0	-	127.74	-100.0%	36	15	140.6%
CHF/USD MONTHLY OPTIONS	253	339.81	-25.4%	171.91	47.4%	295	212	39.4%
CHF/USD WKLY FRIDAY OPTIONS -	0	0.95	-100.0%	22.61	-100.0%	6	1	828.6%
CHF/USD WKLY FRIDAY OPTIONS -	4	0.86	419.2%	1.26	252.9%	9	8	7.1%
CHF/USD WKLY FRIDAY OPTIONS -	2	32.29	-94.6%	1.74	0.6%	5	14	-65.5%
CHF/USD WKLY FRIDAY OPTIONS -	1	20	-92.8%	1.48	-1.9%	9	23	-60.5%
CHF/USD WKLY FRIDAY OPTIONS -	1	0.81	-13.5%	0	-	0	0	-36.3%
EUR/GBP MONTHLY OPTIONS	0	0	-	76.09	-100.0%	24	0	-
EUR/GBP WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-

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FX Options								
EUR/USD MONDAY OPTION WEEK1	108	80.62	33.7%	197.57	-45.5%	111	75	49.0%
EUR/USD MONDAY OPTION WEEK2	49	81.76	-40.7%	161.35	-69.9%	178	59	204.3%
EUR/USD MONDAY OPTION WEEK3	81	27.24	198.8%	43	89.3%	53	15	248.9%
EUR/USD MONDAY OPTION WEEK4	563	73.33	668.1%	153.17	267.8%	243	115	111.7%
EUR/USD MONDAY OPTION WEEK5	0	0	-	0	-	35	19	80.0%
EUR/USD MONTHLY OPTIONS	14,717	9,444.29	55.8%	10,169.26	44.7%	12,356	10,313	19.8%
EUR/USD WKLY FRIDAY OPTIONS -	91	9.52	852.9%	1,091.17	-91.7%	328	145	126.2%
EUR/USD WKLY FRIDAY OPTIONS -	242	100.14	141.2%	509.04	-52.6%	864	502	71.9%
EUR/USD WKLY FRIDAY OPTIONS -	859	825.57	4.1%	810.17	6.1%	852	988	-13.8%
EUR/USD WKLY FRIDAY OPTIONS -	1,072	731.67	46.5%	968.22	10.7%	1,191	794	50.0%
EUR/USD WKLY FRIDAY OPTIONS -	915	821.52	11.4%	99.83	816.6%	251	409	-38.5%
EUR/USD WKLY WED OPTIONS - WK	335	521.71	-35.8%	315.43	6.3%	346	318	8.8%
EUR/USD WKLY WED OPTIONS - WK	208	294.76	-29.5%	353.52	-41.2%	266	349	-23.9%
EUR/USD WKLY WED OPTIONS - WK	240	504.62	-52.4%	284.52	-15.5%	280	398	-29.8%
EUR/USD WKLY WED OPTIONS - WK	460	402.43	14.3%	333.26	38.0%	337	428	-21.4%
EUR/USD WKLY WED OPTIONS - WK	0	0	-	276.65	-100.0%	78	69	12.8%
GBP/USD MONDAY OPTION WEEK1	31	23.57	29.8%	26.74	14.4%	31	14	110.9%
GBP/USD MONDAY OPTION WEEK2	40	62.14	-35.9%	0.09	45704.6%	43	21	110.3%
GBP/USD MONDAY OPTION WEEK3	53	6	780.0%	6.13	761.3%	19	13	40.1%
GBP/USD MONDAY OPTION WEEK4	8	0	-	28.91	-73.7%	32	12	161.7%
GBP/USD MONDAY OPTION WEEK5	0	0	-	0	-	4	27	-83.6%
GBP/USD MONTHLY OPTIONS	4,731	2,989.71	58.2%	2,513.04	88.3%	3,546	3,641	-2.6%
GBP/USD WKLY FRIDAY OPTIONS -	1	1	20.0%	147.74	-99.2%	42	22	93.6%
GBP/USD WKLY FRIDAY OPTIONS -	118	63.57	86.1%	20.74	470.4%	118	103	13.6%
GBP/USD WKLY FRIDAY OPTIONS -	160	140.76	13.6%	117.3	36.4%	204	137	48.8%
GBP/USD WKLY FRIDAY OPTIONS -	136	125	8.9%	220.57	-38.3%	171	158	8.6%
GBP/USD WKLY FRIDAY OPTIONS -	185	101.81	81.3%	64.26	187.3%	63	46	36.6%
GBP/USD WKLY WED OPTIONS - WK	88	111.57	-21.1%	25.74	241.9%	85	60	41.3%
GBP/USD WKLY WED OPTIONS - WK	16	22.86	-31.3%	2.57	512.0%	28	41	-32.1%
GBP/USD WKLY WED OPTIONS - WK	40	45.95	-12.1%	27.96	44.5%	68	33	104.0%
GBP/USD WKLY WED OPTIONS - WK	50	121.71	-59.2%	21	136.4%	72	55	31.4%
GBP/USD WKLY WED OPTIONS - WK	0	0	-	14.35	-100.0%	4	20	-80.1%
JPY/USD MONDAY OPTION WEEK1	37	13.14	178.5%	38.78	-5.6%	25	20	23.2%
JPY/USD MONDAY OPTION WEEK2	55	8	584.4%	13.22	314.2%	52	13	293.5%
JPY/USD MONDAY OPTION WEEK3	21	5.14	307.4%	2.57	716.7%	7	10	-34.1%
JPY/USD MONDAY OPTION WEEK4	68	0	-	35.26	92.8%	44	6	592.1%
JPY/USD MONDAY OPTION WEEK5	0	0	-	0	-	1	4	-83.7%
JPY/USD MONTHLY OPTIONS	10,915	3,195	241.6%	7,487.39	45.8%	7,519	4,132	82.0%
JPY/USD WKLY FRIDAY OPTIONS -	8	0.14	5467.2%	485	-98.4%	138	100	38.5%
JPY/USD WKLY FRIDAY OPTIONS -	125	76.81	62.1%	366.43	-66.0%	432	208	107.5%
JPY/USD WKLY FRIDAY OPTIONS -	532	296	79.9%	535.78	-0.6%	521	469	11.1%
JPY/USD WKLY FRIDAY OPTIONS -	374	331	13.0%	472.43	-20.8%	499	373	34.1%
JPY/USD WKLY FRIDAY OPTIONS -	771	391.38	96.9%	29.65	2499.1%	196	201	-2.3%
JPY/USD WKLY WED OPTIONS - WK	205	152.86	34.4%	133.04	54.4%	162	117	38.8%
JPY/USD WKLY WED OPTIONS - WK	120	144	-16.5%	132.78	-9.4%	141	137	3.6%
JPY/USD WKLY WED OPTIONS - WK	85	118.52	-28.5%	81.04	4.6%	108	137	-20.8%
JPY/USD WKLY WED OPTIONS - WK	178	116.33	52.8%	78.74	125.8%	132	130	0.9%
JPY/USD WKLY WED OPTIONS - WK	0	0	-	124.22	-100.0%	35	55	-36.4%

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FX Options								
MXN/USD MONTHLY OPTIONS	175	14	1148.6%	33.22	426.2%	77	37	106.1%
MXN/USD WKLY FRIDAY OPTIONS -	1	0	-	0	-	0	0	-
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-
NZD/USD MONTHLY OPTIONS	21	1.29	1537.2%	0.43	4741.3%	6	4	64.7%
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	7,589	9,336.19	-18.7%	7,962.22	-4.7%	8,509	12,411	-31.4%
DJ US REAL ESTATE	2,282	2,145.67	6.3%	6,224.57	-63.3%	3,181	2,347	35.5%
E-mini (\$5) Dow	185,343	139,385.9	33.0%	201,286.48	-7.9%	227,626	187,622	21.3%
E-MINI COM SERVICES SELECT SEC	145	195.33	-25.8%	299.43	-51.6%	177	218	-19.0%
E-mini FTSE China 50	114	0	-	82.17	39.1%	69	0	-
E-MINI MIDCAP	13,884	9,218.52	50.6%	21,038.83	-34.0%	17,344	12,382	40.1%
E-MINI NASDAQ 100	644,223	503,304.9	28.0%	660,797	-2.5%	711,949	579,700	22.8%
E-MINI RUSSELL 1000	888	73.48	1107.9%	1,233.3	-28.0%	634	371	71.0%
E-MINI RUSSELL 1000 GROWTH	167	70.52	136.5%	830.09	-79.9%	481	223	115.1%
E-MINI RUSSELL 1000 VALUE	489	553.95	-11.8%	2,796.87	-82.5%	1,167	1,307	-10.7%
E-MINI RUSSELL 2000	208,831	170,457.71	22.5%	262,928.26	-20.6%	252,452	209,577	20.5%
E-MINI S&P500	1,614,402	1,360,227.19	18.7%	1,883,296.22	-14.3%	1,877,875	1,703,221	10.3%
E-MINI S&P500 ESG	416	487.24	-14.5%	2,411.48	-82.7%	1,764	879	100.6%
E-MINI S&P REAL ESTATE SELECT S	84	449	-81.4%	785.17	-89.4%	394	319	23.5%
ETHER FUTURES	4,178	2,397.19	74.3%	3,999.13	4.5%	4,932	969	408.7%
FT-SE 100	0	0	-	29.26	-100.0%	11	0	22191.2%
FTSE Emerging	0	0	-	0	-	0	0	-100.0%
IBOVESPA INDEX	8	4.62	64.5%	1.7	348.2%	3	12	-70.1%
MICRO BITCOIN	15,084	0	-	17,141.78	-12.0%	18,650	0	-
MICRO E-MINI NASDAQ 100	1,317,797	880,481.76	49.7%	1,357,364.3	-2.9%	1,533,968	1,037,999	47.8%
MICRO E-MINI RUSSELL 2000	107,163	133,708.86	-19.9%	122,311.43	-12.4%	159,798	173,105	-7.7%
MICRO E-MINI S&P500	1,178,301	782,889.95	50.5%	1,259,507.26	-6.4%	1,320,590	984,477	34.1%
MICRO ETHER	19,653	0	-	16,231.17	21.1%	19,218	0	-
MICRO MINI \$5 DOW	160,231	92,460.9	73.3%	186,016.39	-13.9%	216,125	142,154	52.0%
NASDAQ-100 VOLATILITY	100	0.38	26133.6%	90.83	10.0%	173	0	141293.4%
NASDAQ BIOTECH	8	4.43	86.3%	9.26	-10.9%	7	34	-79.0%
Nearby BTIC+	80	2.38	3259.9%	15.22	425.7%	29	1	2159.6%
NIKKEI 225 (\$) STOCK	4,660	4,713.24	-1.1%	6,574	-29.1%	6,326	6,648	-4.8%
NIKKEI 225 (YEN) STOCK	30,266	24,299.67	24.6%	47,867.96	-36.8%	41,676	32,273	29.1%
S&P 500	1,408	6,478.57	-78.3%	6,678.65	-78.9%	4,085	6,809	-40.0%
S&P 500 ANNUAL DIVIDEND INDEX F	2,944	4,364.43	-32.6%	5,837.13	-49.6%	4,348	3,205	35.7%
S&P 500 QUARLY DIVIDEND INDEX F	30	14.29	110.4%	279.39	-89.2%	204	84	142.5%
S&P CONSUMER DSCRTNRY SECTC	311	209.95	48.1%	949.57	-67.3%	594	674	-11.9%
S&P CONSUMER STAPLES SECTOR	1,063	746.62	42.3%	1,747.83	-39.2%	1,247	1,343	-7.2%
S&P ENERGY SECTOR	1,383	1,178.24	17.4%	6,602.87	-79.1%	3,172	2,403	32.0%
S&P FINANCIAL SECTOR	969	958.38	1.2%	4,256.91	-77.2%	2,022	3,366	-39.9%
S&P HEALTH CARE SECTOR	874	496.43	76.1%	2,501.17	-65.1%	1,298	878	47.7%
S&P INDUSTRIAL SECTOR	709	341.57	107.7%	2,086.48	-66.0%	1,321	1,249	5.7%
S&P MATERIALS SECTOR	404	231.67	74.2%	1,073.57	-62.4%	798	581	37.4%
S&P TECHNOLOGY SECTOR	574	355.95	61.1%	1,715.7	-66.6%	1,311	729	79.8%
S&P UTILITIES SECTOR	1,121	655.67	71.0%	3,092.87	-63.8%	1,761	1,325	32.9%
S&P VALUE INDEX FUTURES	0	0	-	0	-	0	5	-100.0%
WATER INDEX FUTURES	4	10.52	-57.7%	4.83	-7.8%	6	8	-28.1%
YEN DENOMINATED TOPIX	138	67.38	104.5%	200.7	-31.3%	185	71	159.8%

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Equity Index Options								
BITCOIN OPTIONS	73	79.67	-8.9%	96.65	-24.9%	95	77	24.0%
E-mini (\$5) Dow	104	47.48	119.4%	159.57	-34.7%	118	78	52.7%
E-MINI NASDAQ 100	47,289	21,314.67	121.9%	35,428.96	33.5%	41,558	24,479	69.8%
E-mini Russell 2000	6,036	3,654.19	65.2%	4,829.91	25.0%	6,218	4,108	51.4%
E-MINI RUSSELL 2000	1,070	864.86	23.8%	1,495.61	-28.4%	1,633	1,499	8.9%
E-mini S&P 500	553,514	294,306.76	88.1%	478,310.09	15.7%	606,146	320,450	89.2%
E-MINI S&P500	489,408	209,057.95	134.1%	517,095.13	-5.4%	505,724	267,029	89.4%
EOM S&P 500	0	280	-100.0%	0	-	0	121	-100.0%
MICRO BITCOIN	179	0	-	5.09	3414.8%	45	0	-
Micro E-mini Nasdaq-100	2,463	1,399.24	76.0%	1,912.48	28.8%	2,606	896	190.7%
MICRO E-MINI NASDAQ 100	376	121.57	209.7%	830.96	-54.7%	653	168	288.5%
Micro E-mini S&P 500	8,300	5,803.67	43.0%	10,613.74	-21.8%	12,468	6,335	96.8%
MICRO ETHER	879	0	-	873.91	0.5%	459	0	-
S&P 500	0	4,173.48	-100.0%	0	-	0	7,136	-100.0%
Interest Rate Futures								
10-YR NOTE	1,706,652	1,487,615.57	14.7%	1,807,143.39	-5.6%	2,023,103	2,020,941	0.1%
10-YR SWAP RATE	926	3,795.76	-75.6%	4,235.65	-78.1%	3,133	6,643	-52.8%
15-YR SWAP RATE	0	0	-	65.22	-100.0%	18	0	-
1-MONTH EUROSOLLAR	227	0	-	1,479.22	-84.7%	768	0	-
20-YR BOND	197	0	-	556.61	-64.7%	204	0	-
20-YR SWAP RATE	0	0	-	0	-	0	0	-
2-YR NOTE	644,710	269,900.81	138.9%	598,153.87	7.8%	693,758	442,265	56.9%
2-YR SWAP RATE	3,708	4,304.95	-13.9%	12,256.65	-69.7%	6,381	4,517	41.3%
30-YR BOND	340,850	355,838.14	-4.2%	359,944.65	-5.3%	413,984	487,692	-15.1%
30-YR SWAP RATE	0	0	-	8.26	-100.0%	60	8	679.2%
3-YR NOTE	14,830	7,114.57	108.4%	13,975.3	6.1%	16,881	8,566	97.1%
3-YR SWAP RATE	772	184.43	318.7%	2,057.3	-62.5%	1,520	497	205.9%
4-YR SWAP RATE	218	21.48	913.9%	221.17	-1.5%	443	91	388.2%
5-YR NOTE	1,148,494	746,486.57	53.9%	1,202,987.96	-4.5%	1,379,887	1,161,284	18.8%
5-YR SWAP RATE	2,023	2,051.24	-1.4%	5,019.7	-59.7%	4,225	4,538	-6.9%
7-YR SWAP RATE	160	102.43	56.5%	204.57	-21.6%	313	136	131.0%
BSBY 3-MONTH FUTURES	3,302	0	-	2,714.91	21.6%	4,429	0	-
EUROSOLLARS	1,750,168	1,829,722.38	-4.3%	2,579,331.87	-32.1%	2,489,292	2,488,486	0.0%
FED FUND	264,262	80,721	227.4%	409,138	-35.4%	377,716	95,363	296.1%
SOFR	1,407,403	111,546.19	1161.7%	1,600,101.7	-12.0%	1,250,276	111,538	1020.9%
SONIA	1	4,393.52	-100.0%	1.91	-68.6%	13	6,761	-99.8%
TIIE	3	0	-	4.91	-38.9%	6	0	-
Ultra 10-Year Note	334,289	250,219.81	33.6%	352,308.04	-5.1%	419,924	370,441	13.4%
ULTRA T-BOND	166,620	164,696.52	1.2%	187,628.87	-11.2%	233,432	233,453	0.0%

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Interest Rate Options								
10-YR NOTE	536,241	613,666.57	-12.6%	768,788.65	-30.2%	686,490	704,983	-2.6%
2-YR NOTE	1,422	735.48	93.4%	805.7	76.5%	1,359	816	66.6%
30-YR BOND	130,604	105,718.62	23.5%	126,583.35	3.2%	122,201	142,485	-14.2%
5-YR NOTE	277,682	135,522.86	104.9%	344,485.26	-19.4%	284,839	165,664	71.9%
EURODOLLARS	486,154	157,033.76	209.6%	845,652.26	-42.5%	793,293	220,262	260.2%
EURO MIDCURVE	325,920	729,064.33	-55.3%	624,587.78	-47.8%	530,633	829,089	-36.0%
FED FUND	0	0	-	0	-	1	0	-
SOFR	48,295	0.48	141636.7%	23,820.91	102.7%	29,113	33	87345.2%
SOFR MIDCURVE	27,283	0	-	24,428.13	11.7%	18,805	13083676.0%	
Ultra 10-Year Note	6	0	-	0	-	7	0	-
ULTRA T-BOND	84	25.76	226.5%	345.83	-75.7%	167	26	533.9%
Energy Futures								
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	532	595.24	-10.7%	107.17	395.9%	209	383	-45.4%
ARGUS PROPAN FAR EST INDE	250	232.67	7.5%	290.26	-13.8%	268	286	-6.1%
ARGUS PROPAN(SAUDI ARAMCO	102	52.43	94.1%	115.26	-11.7%	110	103	7.0%
BRENT BALMO SWAP	0	0	-	34.35	-100.0%	18	7	147.8%
BRENT CALENDAR SWAP	513	464.29	10.4%	1,661.26	-69.1%	888	368	141.5%
BRENT FINANCIAL FUTURES	0	47.62	-100.0%	0	-	0	50	-100.0%
BRENT OIL LAST DAY	51,312	93,783.95	-45.3%	79,420.09	-35.4%	84,604	110,689	-23.6%
CAR VINTAGE	334	3.81	8661.0%	995.74	-66.5%	664	2	27965.9%
CHICAGO ETHANOL SWAP	2,749	3,628.95	-24.2%	3,213.22	-14.4%	2,890	3,815	-24.3%
CHICAGO ULSD PL VS HO SPR	40	12.62	213.0%	50.65	-22.0%	36	29	22.9%
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-	0	5	-100.0%
CONWAY NATURAL GASOLINE (OPI	24	10.71	124.5%	1.87	1186.4%	11	8	41.6%
CONWAY NORMAL BUTANE (OPIS) S	30	7.33	305.7%	1.3	2180.9%	15	6	140.8%
CONWAY PROPANE 5 DECIMALS S	912	650.24	40.3%	803	13.6%	696	570	22.1%
CRUDE OIL	0	0	-	0	-	0	39	-100.0%
CRUDE OIL LAST DAY	11	13.33	-14.1%	19.57	-41.5%	17	20	-18.6%
CRUDE OIL OUTRIGHTS	4,204	3,234.29	30.0%	3,073.61	36.8%	3,656	3,613	1.2%
CRUDE OIL PHY	826,099	895,946.81	-7.8%	1,255,901.43	-34.2%	1,126,574	1,047,507	7.5%
CRUDE OIL SPRDS	2,257	555.81	306.1%	2,452.48	-8.0%	2,419	1,508	60.4%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
DAILY PJM	0	0	-	0	-	0	0	-
DATED TO FRONTLINE BRENT	0	0	-	13.04	-100.0%	27	8	236.4%
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	-	43.48	-100.0%	24	0	-
DUTCH TTF NATURAL GAS CAL MO	56	3,672.43	-98.5%	124.65	-54.9%	167	2,695	-93.8%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	4	47.48	-91.8%	5.22	-25.3%	6	31	-82.2%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-	0	0	-
EMMISSIONS	53	0	-	6.96	655.4%	15	0	-
ETHANOL	0	3	-100.0%	0	-	0	2	-93.5%

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Energy Futures								
ETHANOL SWAP	8	2.86	162.5%	10.87	-31.0%	14	5	180.1%
ETHANOL T2 FOB ROTT INCL DUTY	91	195	-53.5%	170.22	-46.7%	153	189	-19.0%
EURO 3.5% FUEL OIL RDAM B	0	0	-	0	-	0	0	-
EURO GASOIL 10PPM VS ICE	7	0	-	7.39	-12.1%	14	10	38.9%
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	0.05	-100.0%	3.7	-100.0%	7	3	152.8%
EUROPEAN GASOIL (ICE)	84	0.48	17529.1%	134.39	-37.5%	91	52	74.1%
EUROPEAN NAPHTHA BALMO	2	0.38	359.3%	0.22	705.0%	1	0	650.1%
EUROPEAN NAPHTHA CRACK SPR	48	33.52	43.3%	167.13	-71.2%	146	35	321.6%
EUROPE DATED BRENT SWAP	0	0	-	0	-	0	9	-100.0%
EUROPE JET KERO NWE CALSW	0	0	-	0	-	0	0	-
EUROPE NAPHTHA CALSWAP	16	18.71	-13.4%	44.61	-63.7%	41	24	72.4%
EURO PROPANE CIF ARA SWA	66	61.81	6.0%	112.04	-41.5%	92	79	16.9%
FREIGHT MARKETS	2	4.29	-61.5%	14.48	-88.6%	12	11	9.3%
FUEL OIL CRACK VS ICE	8	0	-	2.96	179.0%	13	16	-16.1%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	1	0	-
FUELOIL SWAP:CARGOES VS.B	0	0	-	0	-	0	0	-
GAS EURO-BOB OXY NWE BARGES	11	12.19	-13.0%	11	-3.6%	13	27	-52.9%
GAS EURO-BOB OXY NWE BARGES	74	58.29	27.1%	195.96	-62.2%	185	242	-23.9%
GASOIL 0.1CIF MED VS ICE	0	0	-	1.96	-100.0%	1	0	-
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0.43	-100.0%	0	0	-66.7%
GASOIL 0.1 ROTTERDAM BARG	0	0.24	5.0%	1.96	-87.2%	1	1	0.0%
GASOIL CALENDAR SWAP	0	9.52	-97.4%	10.26	-97.6%	11	7	52.1%
GASOIL CRACK SPREAD CALEN	55	0	-	147.13	-62.7%	123	46	170.7%
GASOIL MINI CALENDAR SWAP	8	20.24	-59.2%	34	-75.7%	22	20	9.3%
GERMAN POWER BASELOAD CAL M	0	0	-	0	-	0	1	-100.0%
GRP THREE ULSD(PLT)VS HEA	359	205.48	74.6%	409.78	-12.5%	338	243	39.1%
GRP THREE UNL GS (PLT) VS	246	36.19	578.4%	331.52	-25.9%	222	140	59.0%
GULF COAST 3% FUEL OIL BA	0	0	-	17.39	-100.0%	8	0	-
GULF COAST JET FUEL CLNDR	0	0	-	0	-	0	0	-
GULF COAST JET VS NYM 2 H	296	1,060.33	-72.1%	610.96	-51.6%	722	1,139	-36.6%
GULF COAST NO.6 FUEL OIL	464	66.52	597.3%	332.87	39.4%	545	136	300.5%
GULF COAST ULSD CALENDAR	4	44.76	-92.2%	3.26	7.3%	4	30	-84.9%
GULF COAST ULSD CRACK SPR	0	0	-	0	-	0	0	-
HEATING OIL BALMO CLNDR S	1	0	-	0	-	18	15	25.6%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	30	-100.0%
HEATING OIL PHY	123,609	119,552.43	3.4%	155,118.7	-20.3%	179,449	156,811	14.4%
HENRY HUB SWAP	1,081	1,482.52	-27.1%	2,017.74	-46.4%	1,483	1,219	21.6%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-	0	0	-
HTG OIL	2	2.86	-37.0%	0	-	0	1	-40.0%
ICE BRENT DUBAI SWAP	7	36	-81.3%	22.17	-69.6%	25	42	-38.8%
ICE GASOIL BALMO SWAP	0	0.95	-100.0%	0	-	0	1	-100.0%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	0	16.9	-100.0%	0	-	0	11	-100.0%
JAPAN C&F NAPHTHA CRACK S	0	0	-	0	-	0	0	-
JAPAN C&F NAPHTHA SWAP	5	4.62	5.0%	10.22	-52.5%	6	3	91.9%
JAPAN NAPHTHA BALMO SWAP	0	0	-	0.26	-100.0%	0	0	-

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Energy Futures								
JET CIF NWE VS ICE	2	5.57	-69.5%	7.26	-76.6%	12	6	84.9%
JET FUEL UP-DOWN BALMO CL	52	52.38	-1.2%	165.65	-68.8%	134	44	206.6%
JKM LNG Futures	15	18.52	-21.7%	49.57	-70.7%	19	20	-4.4%
LA CARB DIESEL (OPIS) SWA	14	2.38	492.2%	26.74	-47.3%	26	8	204.0%
LA CARBOB GASOLINE(OPIS)S	0	4.76	-100.0%	0	-	0	1	-100.0%
LA JET (OPIS) SWAP	29	9.52	201.9%	21.74	32.3%	32	14	121.5%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	0	17.14	-100.0%	2.61	-100.0%	1	12	-90.4%
LTD NAT GAS	21,314	12,026.38	77.2%	13,574.3	57.0%	17,737	13,250	33.9%
MARS (ARGUS) VS WTI SWAP	0	7.14	-100.0%	20	-100.0%	18	16	12.3%
MARS (ARGUS) VS WTI TRD M	605	974.76	-37.9%	887.83	-31.9%	752	949	-20.8%
MCCLOSKEY ARA ARGS COAL	266	408.24	-34.8%	489.09	-45.6%	367	730	-49.7%
MCCLOSKEY RCH BAY COAL	23	30.52	-23.7%	31.22	-25.4%	25	46	-46.3%
MGN1 SWAP FUT	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	0	2.14	-88.3%	6.74	-96.3%	3	1	177.3%
MINI RBOB V. EBOBARG NWE BRGS	0	0	-	0	-	0	2	-100.0%
MINI RBOB V. EBOB(ARGUS) NWE B	38	38.62	-1.6%	26.96	41.0%	24	34	-27.5%
MINY HTG OIL	1	0.43	40.0%	0.3	97.2%	0	0	17.8%
MINY NATURAL GAS	24,160	3,137.43	670.0%	8,518.83	183.6%	13,470	5,832	131.0%
MINY RBOB GAS	1	0.62	-3.1%	0.39	53.3%	0	0	5.6%
MINY WTI CRUDE OIL	26,867	20,942.95	28.3%	48,597.04	-44.7%	33,189	19,439	70.7%
MJC FUT	0	0.95	-100.0%	0	-	0	0	-100.0%
MNC FUT	61	25	143.2%	79.48	-23.5%	83	20	317.1%
MONT BELVIEU ETHANE 5 DECIMAL	1,432	1,088.19	31.6%	1,499.91	-4.5%	1,585	1,209	31.1%
MONT BELVIEU ETHANE OPIS BALM	24	6.9	244.0%	19.39	22.5%	42	20	115.2%
MONT BELVIEU LDH PROPANE 5 DE	7,777	8,231.86	-5.5%	8,931.35	-12.9%	8,847	8,831	0.2%
MONT BELVIEU LDH PROPANE OPIS	206	269.33	-23.5%	138.74	48.5%	206	202	1.9%
MONT BELVIEU NATURAL GASOLIN	985	362.81	171.4%	1,233.13	-20.2%	967	654	47.9%
MONT BELVIEU NATURAL GASOLIN	86	22.62	280.9%	54.35	58.5%	53	27	99.8%
MONT BELVIEU NORMAL BUTANE 5	2,346	1,862.19	26.0%	2,438.26	-3.8%	2,444	2,195	11.3%
MONT BELVIEU NORMAL BUTANE B	61	36.95	64.5%	85.91	-29.2%	91	68	32.9%
NATURAL GAS	11,153	3,985.76	179.8%	8,940.39	24.7%	9,510	5,622	69.2%
NATURAL GAS PEN SWP	2,082	1,450.24	43.6%	1,917.48	8.6%	2,394	2,607	-8.2%
NATURAL GAS PHY	446,550	326,684.95	36.7%	304,542.52	46.6%	398,761	395,650	0.8%
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	26	16.67	58.1%	59.78	-55.9%	36	8	336.1%
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	83	36.95	125.4%	46.13	80.6%	54	52	3.0%
NY HARBOR LOW SULPUR GAS 100C	0	14.29	-100.0%	0	-	0	19	-100.0%
NY HARBOR RESIDUAL FUEL 1	10	10.71	-6.7%	7.61	31.4%	7	9	-22.5%
NYH NO 2 CRACK SPREAD CAL	196	134.29	46.1%	188.7	4.0%	133	98	36.0%
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	0	0	-	7.22	-100.0%	18	1	2781.8%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-	0	0	-
PETROCHEMICALS	146	188.57	-22.4%	246.22	-40.5%	187	157	18.5%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	590	1,132.1	-47.9%	1,504.96	-60.8%	1,118	1,408	-20.6%
PETRO CRK&SPRD EURO	30	25.29	19.0%	99.13	-69.6%	64	32	100.5%
PETROLEUM PRODUCTS	131	33	298.2%	45.43	189.2%	115	21	441.7%
PETROLEUM PRODUCTS ASIA	41	9.52	332.1%	42.65	-3.5%	53	6	733.1%
PETRO OUTRIGHT EURO	423	281.14	50.5%	765.3	-44.7%	609	345	76.6%
PETRO OUTRIGHT NA	116	142.38	-18.8%	132.61	-12.8%	260	156	66.2%
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	47	41.38	13.9%	65	-27.5%	54	100	-46.0%
PREMIUM UNLD 10P FOB MED	0	0	-	0.65	-100.0%	0	0	-
PROPANE NON-LDH MB (OPIS) BAL	65	96.05	-32.3%	66.35	-2.0%	83	81	2.7%
PROPANE NON-LDH MT. BEL (OPIS)	559	511.57	9.2%	431.17	29.5%	622	964	-35.5%
RBOB CALENDAR SWAP	299	455.24	-34.2%	337.3	-11.2%	321	279	15.1%
RBOB CRACK SPREAD	120	198.57	-39.6%	161.09	-25.5%	136	124	9.6%
RBOB GAS	1	2.86	-58.0%	0	-	0	1	-60.0%
RBOB GASOLINE BALMO CLNDR	23	17.71	32.4%	88.35	-73.5%	68	13	434.1%
RBOB PHY	157,807	177,771.24	-11.2%	183,777.04	-14.1%	189,662	197,419	-3.9%
RBOB VS HEATING OIL SWAP	0	0	-	2.61	-100.0%	5	5	-7.4%
SINGAPORE 380CST BALMO	0	0	-	0	-	0	0	-
SINGAPORE 380CST FUEL OIL	10	15.19	-33.2%	15.48	-34.4%	15	9	63.3%
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL SPREAD	0	0	-	0	-	0	0	-
SINGAPORE GASOIL	63	26.57	138.0%	57.57	9.9%	50	29	73.8%
SINGAPORE GASOIL CALENDAR	6	12.71	-52.8%	15.39	-61.0%	13	40	-68.5%
SINGAPORE GASOIL SWAP	45	62.29	-27.7%	17.83	152.7%	32	88	-63.6%
SINGAPORE GASOIL VS ICE	0	0	-	45.39	-100.0%	48	36	33.4%
SINGAPORE JET KERO GASOIL	0	0	-	31.39	-100.0%	43	4	1063.7%
SINGAPORE JET KEROSENE SW	0	4.76	-100.0%	8.91	-100.0%	5	5	-4.7%
SINGAPORE MOGAS 92 UNLEADED	0	0	-	9.13	-100.0%	3	4	-30.0%
SINGAPORE MOGAS 92 UNLEADED	0	29.62	-100.0%	0	-	4	23	-84.2%
TC2 ROTTERDAM TO USAC 37K	0	0	-	0	-	3	1	117.1%
TC5 RAS TANURA TO YOKOHAM	0	0	-	3.26	-100.0%	1	2	-44.4%
TD3 MEG TO JAPAN 250K MT	0	122.62	-100.0%	38.91	-100.0%	75	106	-28.7%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-	0	0	-
UK NBP NAT GAS CAL MTH FUT	0	0	-	0	-	0	30	-100.0%
ULSD UP-DOWN BALMO SWP	282	146.19	92.7%	270.57	4.1%	376	259	45.3%
UP DOWN GC ULSD VS NMX HO	904	1,079.05	-16.3%	2,147.74	-57.9%	1,850	1,450	27.6%
WTI-BRENT CALENDAR SWAP	2,380	1,774.24	34.2%	4,727.22	-49.6%	3,198	1,971	62.3%
WTI CALENDAR	3,321	2,045.43	62.3%	5,239.04	-36.6%	3,738	2,577	45.1%
WTI MIDLAND CRUDE OIL	0	0	-	0	-	0	21	-100.0%

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Energy Futures								
WTS (ARGUS) VS WTI SWAP	83	34.14	141.6%	425.74	-80.6%	180	197	-8.6%
WTS (ARGUS) VS WTI TRD MT	45	0	-	0	-	55	34	62.9%
Energy Options								
BRENT CALENDAR SWAP	0	0	-	12.52	-100.0%	32	9	269.3%
BRENT CRUDE OIL 1 M CSO	178	47.62	272.8%	3,434.78	-94.8%	1,067	854	25.0%
BRENT OIL LAST DAY	1,791	3,211	-44.2%	2,246.3	-20.3%	1,676	3,126	-46.4%
COAL API2 INDEX	5	8.1	-35.8%	2.17	139.2%	5	12	-56.3%
CRUDE OIL	0	0	-	0	-	0	0	-
CRUDE OIL 1MO	2,977	6,673.81	-55.4%	3,581.52	-16.9%	4,586	7,535	-39.1%
CRUDE OIL APO	489	2,000.1	-75.6%	1,666.26	-70.7%	1,196	1,761	-32.1%
CRUDE OIL CALNDR STRIP	0	0	-	0	-	0	0	-
CRUDE OIL PHY	101,695	93,235.62	9.1%	179,674.3	-43.4%	145,866	116,149	25.6%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ETHANOL SWAP	91	131.67	-30.8%	291.48	-68.7%	188	114	64.5%
FREIGHT MARKETS	0	0	-	0	-	0	0	-
HEATING OIL CRK SPD AVG PRICE	13	0	-	0	-	3	4	-24.2%
HEATING OIL PHY	337	195.86	72.3%	462.74	-27.1%	690	280	146.1%
HENRY HUB FINANCIAL LAST	220	372.05	-40.9%	342.17	-35.7%	315	610	-48.3%
HO 1 MONTH CLNDR OPTIONS	9	0	-	10.87	-19.5%	11	0	-
LLS CRUDE OIL	0	0	-	0	-	15	0	-
MCCLOSKEY ARA ARGS COAL	0	0	-	0	-	0	4	-100.0%
NATURAL GAS	0	0	-	9.91	-95.5%	41	0	-
NATURAL GAS 1 M CSO FIN	3,223	1,502.38	114.5%	1,369.57	135.3%	6,186	2,156	186.9%
NATURAL GAS 2 M CSO FIN	450	0	-	0	-	110	71	55.2%
NATURAL GAS 3 M CSO FIN	1,748	1,113.95	56.9%	1,093.48	59.8%	1,415	800	76.8%
NATURAL GAS 5 M CSO FIN	645	119.05	441.8%	454.35	42.0%	564	112	405.5%
NATURAL GAS 6 M CSO FIN	0	0	-	808.7	-100.0%	822	826	-0.4%
NATURAL GAS OPT	54	1,035.24	-94.8%	86.96	-38.2%	48	1,019	-95.3%
NATURAL GAS OPTION ON CALEND	0	257.14	-100.0%	0	-	7	185	-96.1%
NATURAL GAS PHY	126,956	64,456.14	97.0%	99,983.04	27.0%	112,873	98,224	14.9%
NATURAL GAS SUMMER STRIP	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	136	46.71	191.7%	72.91	86.9%	100	39	157.6%
PETROCHEMICALS	15	19.71	-23.9%	13.48	11.3%	10	26	-63.0%
PETRO OUTRIGHT EURO	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	0	4.29	-100.0%	2.61	-100.0%	5	9	-50.0%
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	3	19.9	-84.9%	1.7	76.9%	2	14	-83.3%
RBOB PHY	76	468.1	-83.8%	115.57	-34.3%	147	370	-60.3%
SHORT TERM	18	13.1	33.6%	8.7	101.2%	12	10	15.1%
SHORT TERM NATURAL GAS	58	29.76	93.2%	23.91	140.5%	27	20	31.3%
WTI-BRENT BULLET SWAP	1,165	1,919.05	-39.3%	1,548.91	-24.8%	1,513	1,641	-7.8%
WTI CRUDE OIL 1 M CSO FI	2,953	5,108.33	-42.2%	1,845.65	60.0%	2,140	4,051	-47.2%

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Metals Futures								
ALUMINUM	1,310	910.48	43.9%	876.26	49.5%	1,217	881	38.2%
COBALT METAL FUTURES	29	12.14	142.5%	2.83	942.1%	22	10	120.8%
COMEX COPPER	86,594	115,196.43	-24.8%	70,040.09	23.6%	85,894	116,361	-26.2%
COMEX E-Mini GOLD	1,236	854.14	44.7%	1,999.96	-38.2%	1,545	1,194	29.4%
COMEX E-Mini SILVER	202	215.19	-5.9%	204.61	-1.1%	209	414	-49.5%
COMEX GOLD	168,779	170,973.76	-1.3%	274,389.13	-38.5%	240,345	251,107	-4.3%
COMEX MINY COPPER	211	194.71	8.3%	171.43	23.0%	185	177	4.6%
COMEX SILVER	74,444	83,934	-11.3%	62,638.61	18.8%	70,981	97,164	-26.9%
COPPER	118	204.29	-42.4%	47.87	145.8%	113	146	-22.7%
FERROUS PRODUCTS	75	69.38	7.7%	83.74	-10.7%	131	90	45.9%
GOLD	491	105.67	364.4%	613.91	-20.1%	606	197	208.4%
HOT ROLLED COIL STEEL FUTURES	83	53.14	56.6%	136.61	-39.1%	98	50	96.1%
IRON ORE CHINA	67	31.9	110.8%	32.39	107.6%	64	49	30.3%
METALS	8	0	-	0	-	15	1	2706.9%
MICRO GOLD	50,478	43,565.33	15.9%	89,611.26	-43.7%	60,682	65,127	-6.8%
NYMEX HOT ROLLED STEEL	1,006	1,045.43	-3.8%	1,634.96	-38.5%	1,290	1,080	19.4%
NYMEX PLATINUM	16,268	13,127.76	23.9%	25,749.39	-36.8%	20,488	17,691	15.8%
PALLADIUM	1,397	1,588.38	-12.1%	2,242.35	-37.7%	2,522	2,271	11.0%
SILVER	7,770	6,405.48	21.3%	11,398.57	-31.8%	8,766	12,673	-30.8%
URANIUM	0	0	-	0.74	-59.4%	0	5	-94.0%
Metals Options								
ALUMINUM	0	28.57	-100.0%	0	-	0	15	-100.0%
COMEX COPPER	3,662	3,787.29	-3.3%	3,343.43	9.5%	3,356	2,854	17.6%
COMEX GOLD	37,935	27,548.29	37.7%	57,506.17	-34.0%	46,543	38,860	19.8%
COMEX SILVER	4,783	5,399.76	-11.4%	6,593.61	-27.5%	5,429	9,041	-39.9%
COPPER	23	0.9	2387.0%	19.65	14.5%	21	1	2446.2%
GOLD	9,909	6,719.71	47.5%	12,729.52	-22.2%	10,731	8,002	34.1%
IRON ORE CHINA	0	2.86	-100.0%	0	-	0	3	-100.0%
NYMEX HOT ROLLED STEEL	34	14.29	136.3%	66.3	-49.1%	85	15	456.8%
NYMEX PLATINUM	337	535.86	-37.2%	162.43	107.2%	352	180	96.0%
PALLADIUM	2	57.29	-96.3%	0.78	168.3%	1	35	-96.9%
SILVER	628	353.38	77.7%	859.3	-26.9%	994	421	135.9%
Foreign Exchange Futures								
CHILEAN PESO	0	0	-	0	-	0	0	-
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS - WK	4	6.95	-37.4%	0.48	809.5%	25	34	-28.0%

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Ags Futures								
FERTILIZER PRODUCS	64	119.05	-46.1%	153.48	-58.2%	153	164	-6.8%

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Ag Products Futures								
BLOCK CHEESE	10	64.67	-84.9%	12.78	-23.7%	21	50	-58.6%
BUTTER CS	179	183.19	-2.3%	185.91	-3.8%	236	223	6.0%
CASH-SETTLED CHEESE	380	540.19	-29.7%	521.04	-27.1%	492	600	-18.0%
CAT ASIA WEATHER	0	0	-	0	-	0	15	-100.0%
CATTLE	50,709	54,435.43	-6.8%	66,928.39	-24.2%	62,040	60,297	2.9%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	0	-
CDD SEASONAL STRIP	78	26.19	195.9%	34.78	122.8%	32	37	-14.8%
CDD WEATHER	138	88.1	56.1%	86.96	58.1%	58	25	134.6%
CHI WHEAT	89,427	173,930.86	-48.6%	127,425.13	-29.8%	119,597	135,262	-11.6%
CLASS IV MILK	87	39	122.7%	70.22	23.7%	128	31	313.7%
COFFEE	0	0	-	0	-	0	0	-100.0%
CORN	364,644	478,332.9	-23.8%	312,424.78	16.7%	366,759	409,869	-10.5%
DJ_UBS ROLL SELECT INDEX FUTU	37	10.38	258.3%	1,025.61	-96.4%	308	79	291.7%
DOW-UBS COMMOD INDEX	893	844	5.8%	5,084.09	-82.4%	2,680	2,229	20.3%
DRY WHEY	51	147.14	-65.1%	42.52	20.9%	52	119	-56.5%
FEEDER CATTLE	14,109	13,648.29	3.4%	12,818	10.1%	13,326	12,254	8.7%
FERTILIZER PRODUCS	0	0	-	0	-	0	0	-
GOLDMAN SACHS	168	450.9	-62.6%	230.57	-26.9%	188	616	-69.4%
GSCI EXCESS RETURN FUT	224	204.29	9.8%	6,085.04	-96.3%	1,935	1,604	20.6%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	0	0	-	0	-	98	138	-29.5%
HDD WEATHER EUROPEAN	0	0	-	28.26	-100.0%	47	20	142.2%
HOGS	36,787	41,362.05	-11.1%	46,181.7	-20.3%	46,849	45,034	4.0%
HOUSING INDEX	0	1	-85.0%	0.57	-73.5%	1	1	-11.8%
KC WHEAT	38,971	66,153.62	-41.1%	45,877.3	-15.1%	50,741	55,103	-7.9%
LUMBER	350	573.86	-38.9%	340.43	2.9%	406	470	-13.5%
MALAYSIAN PALM SWAP	0	339.05	-100.0%	0	-	0	368	-100.0%
MILK	1,390	1,178.62	17.9%	1,596.74	-12.9%	1,541	1,195	28.9%
MINI CORN	2,675	3,988.24	-32.9%	4,888.04	-45.3%	3,409	3,134	8.7%
MINI SOYBEAN	2,045	2,826.1	-27.6%	3,252.7	-37.1%	3,370	3,443	-2.1%
MINI WHEAT	820	1,116.19	-26.6%	1,979.65	-58.6%	1,461	955	53.0%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	312	259.29	20.2%	299.39	4.1%	348	315	10.5%
OATS	428	603.1	-29.0%	320.26	33.7%	492	478	2.8%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	0	-
PORK CUTOOT	86	91.38	-6.1%	145.74	-41.1%	122	191	-36.1%
ROUGH RICE	1,289	1,176.48	9.6%	675.96	90.8%	980	841	16.5%
SOYBEAN	211,542	263,285.43	-19.7%	164,260.48	28.8%	227,597	248,673	-8.5%
SOYBEAN MEAL	104,775	124,741.62	-16.0%	80,446.26	30.2%	109,891	105,416	4.2%
SOYBEAN OIL	112,924	145,542.24	-22.4%	88,556.39	27.5%	111,892	138,772	-19.4%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	0	24	-100.0%
USD CRUDE PALM OIL	1,162	164.95	604.4%	1,408.26	-17.5%	1,117	239	367.0%
WHEAT	21	1,272.19	-98.4%	543.65	-96.2%	663	1,004	-33.9%

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	ADV APR 2022	ADV APR 2021	% CHG	ADV MAR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Ag Products Options								
BLOCK CHEESE	13	28.43	-55.5%	10.43	21.2%	11	20	-46.3%
BUTTER CS	71	148.29	-52.1%	59.17	20.0%	73	141	-48.5%
CASH-SETTLED CHEESE	167	270.67	-38.3%	457.91	-63.5%	414	445	-7.0%
CATTLE	12,781	10,064.81	27.0%	10,186.3	25.5%	10,626	9,851	7.9%
CDD SEASONAL STRIP	213	104.76	102.8%	217.39	-2.3%	119	51	132.1%
CDD WEATHER	0	0	-	0	-	0	27	-100.0%
CHI WHEAT	17,458	29,792.81	-41.4%	34,452.3	-49.3%	32,003	23,731	34.9%
CLASS IV MILK	292	157.43	85.6%	256.39	13.9%	323	149	116.8%
CORN	140,519	181,091.19	-22.4%	150,395.65	-6.6%	131,856	146,843	-10.2%
CORN NEARBY+2 CAL SPRD	1,096	486	125.6%	1,741.13	-37.0%	1,406	382	268.4%
DEC-DEC CORN CAL SPRD	0	9.52	-100.0%	0	-	0	2	-100.0%
DEC-JULY CORN CAL SPRD	52	0	-	47.83	8.7%	41	0	-
DRY WHEY	1	35.43	-96.9%	109.3	-99.0%	31	15	107.2%
FEEDER CATTLE	2,015	1,295.9	55.5%	1,738	15.9%	1,748	1,035	68.9%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	61	-100.0%
HDD WEATHER	0	0	-	86.96	-100.0%	59	76	-23.2%
HDD WEATHER EUROPEAN	0	0	-	0	-	12	15	-20.0%
HOGS	8,617	7,537.95	14.3%	11,311.17	-23.8%	11,745	8,790	33.6%
Intercommodity Spread	0	0.1	-100.0%	0	-	0	3	-100.0%
JULY-DEC CORN CAL SPRD	435	262.38	65.9%	395.83	10.0%	474	238	99.4%
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	0	0	-
JULY-DEC WHEAT CAL SPRD	23	2.38	845.0%	54.35	-58.6%	45	1	3600.0%
JULY-JULY WHEAT CAL SPRD	0	0	-	0.04	-100.0%	0	0	-
JULY-NOV SOYBEAN CAL SPRD	512	40.62	1160.6%	201.78	153.8%	305	17	1652.6%
KC WHEAT	2,762	3,203.24	-13.8%	2,605	6.0%	4,090	2,722	50.3%
LUMBER	25	43.48	-43.5%	19.87	23.6%	27	39	-30.2%
MAR-DEC CORN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY CORN CAL SPRD	0	0	-	0	-	117	0	-
MAR-JULY SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-	2	0	-
MILK	1,011	1,210.67	-16.5%	1,003.65	0.8%	955	1,446	-34.0%
MLK MID OPTIONS	0	0.29	5.0%	1	-70.0%	1	0	377.6%
NFD MILK	246	209.33	17.3%	251.26	-2.3%	253	217	16.6%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	7	0	-
NOV-MAR SOYBEAN CSO	0	0	-	0	-	0	0	-
OATS	9	4.76	78.5%	16.13	-47.3%	12	6	124.6%
PORK CUTOUT	0	3.62	-93.1%	1.3	-80.8%	0	8	-94.4%
ROUGH RICE	114	28.19	304.7%	67.22	69.7%	68	45	51.3%
SOYBEAN	64,661	81,361.52	-20.5%	70,756.43	-8.6%	87,282	86,440	1.0%
SOYBEAN CRUSH	3	15.52	-82.3%	0.87	216.2%	1	11	-88.9%
SOYBEAN MEAL	8,699	10,786.57	-19.4%	10,586.83	-17.8%	12,967	11,244	15.3%
SOYBEAN OIL	13,642	16,472.14	-17.2%	11,412.65	19.5%	12,839	16,431	-21.9%
SOYBN NEARBY+2 CAL SPRD	451	52.05	765.8%	212.61	112.0%	222	83	166.9%
SOYMEAL NEARBY+2 CAL SPRD	20	0	-	30.43	-34.3%	13	0	-
WHEAT	0	29.76	-100.0%	3.17	-100.0%	15	40	-63.3%
WHEAT-CORN IC50	0	4.76	-100.0%	43.48	-100.0%	12	7	66.4%
WHEAT NEARBY+2 CAL SPRD	96	3.52	2617.2%	861.09	-88.9%	301	18	1553.1%

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	ADV APR 2022	ADV APR 2021	% CHG	ADV MAR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	7,789,815	5,318,715.38	46.5%	9,139,539.74	-14.8%	9,319,766	7,443,218	25.2%
Equity Index Futures	5,528,317	4,132,978.67	33.8%	6,106,159.43	-9.5%	6,447,479	5,110,980	26.1%
Metals Futures	410,566	438,487.62	-6.4%	541,874.7	-24.2%	495,173	566,689	-12.6%
Energy Futures	1,730,030	1,694,069.76	2.1%	2,111,716.22	-18.1%	2,101,163	1,998,038	5.2%
FX Futures	758,861	636,636.1	19.2%	998,172.61	-24.0%	837,029	771,097	8.6%
Foreign Exchange Futures	0	0	-	0	-	0	0	-
Ags Futures	64	119.05	-46.1%	153.48	-58.2%	153	164	-6.8%
Ag Products Futures	1,036,709	1,377,620.9	-24.7%	973,777.61	6.5%	1,128,876	1,229,124	-8.2%
TOTAL FUTURES	17,254,362	13,598,627.48	26.9%	19,871,393.78	-13.2%	20,329,638.62	17,119,310.43	18.8%
TOTAL OPTIONS GROUP								
Interest Rate Options	1,833,691	1,741,767.86	5.3%	2,759,497.87	-33.5%	2,466,906	2,063,359	19.6%
Equity Index Options	1,109,690	541,103.52	105.1%	1,051,652.09	5.5%	1,177,725	632,376	86.2%
Metals Options	57,312	44,448.19	28.9%	81,281.22	-29.5%	67,512	59,428	13.6%
Energy Options	245,301	181,988.67	34.8%	299,164.57	-18.0%	281,670	240,032	17.3%
FX Options	51,969	30,829.76	68.6%	38,600.74	34.6%	44,410	33,426	32.9%
Ag Products Options	276,004	344,758.1	-19.9%	309,594.96	-10.9%	310,474	310,650	-0.1%
Foreign Exchange Options	4	6.95	-37.4%	0.48	809.5%	25	34	-28.0%
TOTAL OPTIONS	3,573,970	2,884,903.05	23.9%	4,539,791.91	-21.3%	4,348,721.78	3,339,306	30.2%
TOTAL COMBINED								
FX	810,830	667,465.86	21.5%	1,036,773.35	-21.8%	881,439	804,524	9.6%
Equity Index	6,638,007	4,674,082.19	42.0%	7,157,811.52	-7.3%	7,625,203	5,743,356	32.8%
Interest Rate	9,623,505	7,060,483.24	36.3%	11,899,037.61	-19.1%	11,786,672	9,506,577	24.0%
Energy	1,975,330	1,876,058.43	5.3%	2,410,880.78	-18.1%	2,382,833	2,238,069	6.5%
Metals	467,877	482,935.81	-3.1%	623,155.91	-24.9%	562,685	626,117	-10.1%
Foreign Exchange	4	6.95	-37.4%	0.48	809.5%	25	34	-27.1%
Ags	64	119.05	-46.1%	153.48	-58.2%	153	164	-6.8%
Ag Products	1,312,713	1,722,379	-23.8%	1,283,372.57	2.3%	1,439,350	1,539,774	-6.5%
GRAND TOTAL	20,828,332	16,483,530.52	26.4%	24,411,185.7	-14.7%	24,678,360.4	20,458,616.43	20.6%

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