

**CME Group Exchange ADV Report - Monthly**

March 2022

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	ADV MAR 2022	ADV MAR 2021	% CHG	ADV FEB 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>FX Futures</b>								
AD/CD CROSS RATES	3	0.52	500.0%	1.79	74.9%	2	0	383.8%
AD/JY CROSS RATES	369	146.35	152.0%	304.42	21.2%	270	134	101.4%
AD/NE CROSS RATES	245	15.26	1503.7%	57.05	329.0%	112	10	978.0%
AUSTRALIAN DOLLAR	98,591	118,200.04	-16.6%	101,642	-3.0%	96,213	115,910	-17.0%
BP/JY CROSS RATES	370	140.22	163.9%	186.32	98.6%	237	122	94.0%
BP/SF CROSS RATES	111	78.57	41.4%	61.79	79.9%	111	47	136.1%
BRAZIL REAL	15,461	12,382.04	24.9%	17,848.37	-13.4%	16,621	12,397	34.1%
BRITISH POUND	128,361	101,091.17	27.0%	112,624.16	14.0%	113,443	94,992	19.4%
CANADIAN DOLLAR	91,705	92,880.83	-1.3%	79,011.95	16.1%	83,364	81,603	2.2%
CD/JY CROSS RATES	1	9.57	-84.5%	4.37	-66.2%	9	9	6.7%
CHINESE RENMINBI (CNH)	1,339	847.26	58.0%	646.26	107.1%	936	811	15.4%
CZECK KORUNA (EC)	0	0.09	299.8%	0	-	0	0	440.9%
CZECK KORUNA (US)	0	0.04	399.8%	0.21	3.3%	0	0	391.8%
EC/AD CROSS RATES	487	487.83	-0.2%	158.84	206.5%	280	288	-2.6%
EC/CD CROSS RATES	863	711.17	21.4%	146.53	489.3%	444	343	29.4%
EC/NOK CROSS RATES	139	96.09	44.2%	19.32	617.1%	69	45	52.2%
EC/SEK CROSS RATES	267	68	292.9%	55.16	384.4%	135	36	280.5%
EFX/BP CROSS RATES	8,727	4,838.04	80.4%	3,753.16	132.5%	5,077	3,109	63.3%
EFX/JY CROSS RATES	6,128	3,647.87	68.0%	3,151.37	94.5%	3,849	1,975	94.9%
EFX/SF CROSS RATES	4,087	1,875.3	118.0%	1,963.37	108.2%	2,505	1,192	110.1%
E-MICRO USD/CAD	24	0	-	18.05	35.4%	19	0	-
E-MICRO USD/CHF	6	0	-	4.47	37.0%	4	0	-
E-MICRO USD/JPY	334	0	-	126.74	163.5%	196	0	-
E-MINI EURO FX	7,947	7,306.09	8.8%	6,318.58	25.8%	6,733	7,823	-13.9%
E-MINI JAPANESE YEN	398	460.57	-13.5%	303.42	31.3%	328	547	-40.1%
EURO FX	302,031	259,369.91	16.4%	209,774.53	44.0%	231,671	214,016	8.2%
HUNGARIAN FORINT (EC)	1	0	-	0.32	147.8%	0	0	-
HUNGARIAN FORINT (US)	0	2.09	-91.7%	0	-	0	1	-55.7%
INDIAN RUPEE	976	672.87	45.1%	1,118.47	-12.7%	949	898	5.7%
JAPANESE YEN	148,643	122,012.26	21.8%	112,937.53	31.6%	124,788	105,194	18.6%
KOREAN WON	33	176.17	-81.4%	34.74	-5.8%	42	125	-66.8%
MEXICAN PESO	62,216	68,680.22	-9.4%	49,531.26	25.6%	51,690	59,795	-13.6%
MICRO AUD/USD	10,884	12,021.65	-9.5%	15,440.89	-29.5%	12,636	13,055	-3.2%
MICRO CAD/USD	2,096	2,361.22	-11.2%	2,441.63	-14.2%	2,663	2,306	15.5%
MICRO CHF/USD	623	621.87	0.2%	408.21	52.7%	528	524	0.7%
MICRO EUR/USD	34,429	25,216.39	36.5%	33,270	3.5%	33,659	28,475	18.2%
MICRO GBP/USD	3,885	3,178.48	22.2%	3,866.74	0.5%	4,017	3,462	16.0%
MICRO INR/USD	39	124.04	-68.3%	37.53	4.7%	42	117	-64.6%
MICRO JPY/USD	556	1,631.96	-65.9%	2,060.53	-73.0%	1,641	1,491	10.0%
MICRO USD/CNH	0	0.13	-66.6%	0.05	-17.3%	0	0	-50.8%
NEW ZEALND DOLLAR	30,411	33,689.78	-9.7%	29,160.74	4.3%	28,153	33,303	-15.5%
NKR/USD CROSS RATE	230	427.13	-46.1%	162.16	41.9%	185	320	-42.4%
POLISH ZLOTY (EC)	20	18.65	5.8%	3.05	546.6%	9	8	5.5%
POLISH ZLOTY (US)	163	76.22	113.3%	68	139.1%	94	65	45.2%
RMB USD	0	0	-	0	-	0	0	-
RUSSIAN RUBLE	565	6,963.78	-91.9%	16,919.58	-96.7%	9,422	4,999	88.5%
S.AFRICAN RAND	5,613	3,624.39	54.9%	4,414.05	27.2%	4,622	2,871	61.0%
SF/JY CROSS RATES	55	4	1284.8%	0.89	6091.0%	22	5	362.4%
SHEKEL	0	0.3	-28.6%	1.16	-81.2%	1	0	283.8%

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<b>FX Futures</b>								
SKR/USD CROSS RATES	569	390.04	45.8%	355	60.2%	422	277	52.3%
SWISS FRANC	28,166	28,078.09	0.3%	21,534.89	30.8%	24,030	24,681	-2.6%
TURKISH LIRA	5	8.3	-41.4%	0.74	560.9%	2	4	-51.2%
USDZAR	0	1.96	-100.0%	1.16	-100.0%	0	1	-41.0%
<b>FX Options</b>								
AUD/USD MONDAY OPTION WEEK1	21	25.09	-15.3%	9.95	113.7%	22	21	4.7%
AUD/USD MONDAY OPTION WEEK2	5	1.83	200.0%	105.58	-94.8%	36	23	54.3%
AUD/USD MONDAY OPTION WEEK3	20	35	-41.5%	22.05	-7.1%	14	27	-46.5%
AUD/USD MONDAY OPTION WEEK4	5	29.96	-83.6%	21.68	-77.3%	13	20	-34.5%
AUD/USD MONDAY OPTION WEEK5	0	1	-100.0%	0	-	13	0	3232.8%
AUD/USD MONTHLY OPTIONS	2,809	1,750.26	60.5%	4,228.95	-33.6%	5,070	2,915	73.9%
AUD/USD WKLY FRIDAY OPTIONS -	76	35.74	112.9%	0	-	28	13	109.5%
AUD/USD WKLY FRIDAY OPTIONS -	54	68.83	-21.5%	207.32	-74.0%	114	88	29.0%
AUD/USD WKLY FRIDAY OPTIONS -	87	148.74	-41.5%	227.16	-61.7%	147	136	8.1%
AUD/USD WKLY FRIDAY OPTIONS -	55	127.04	-57.0%	103.89	-47.5%	102	179	-43.0%
AUD/USD WKLY FRIDAY OPTIONS -	25	17.96	40.2%	0	-	9	26	-64.1%
AUD/USD WKLY WED OPTIONS - WK	55	36.57	50.7%	84.53	-34.8%	51	49	2.7%
AUD/USD WKLY WED OPTIONS - WK	20	21.17	-7.4%	47.74	-58.9%	34	44	-23.3%
AUD/USD WKLY WED OPTIONS - WK	11	11.3	-0.4%	24.26	-53.6%	14	33	-56.8%
AUD/USD WKLY WED OPTIONS - WK	3	65.13	-94.8%	18	-81.2%	20	65	-68.6%
AUD/USD WKLY WED OPTIONS - WK	9	24.52	-62.6%	0	-	3	9	-63.2%
BRL/USD MONTHLY OPTIONS	13	37.96	-66.4%	16.42	-22.4%	26	16	59.4%
CAD/USD MONDAY OPTIONS WEEK1	13	44.74	-70.7%	13.16	-0.5%	10	46	-79.2%
CAD/USD MONDAY OPTIONS WEEK2	82	21	291.7%	82.21	0.1%	73	32	125.6%
CAD/USD MONDAY OPTIONS WEEK3	24	39.17	-38.7%	1.21	1882.7%	9	16	-40.8%
CAD/USD MONDAY OPTIONS WEEK4	22	0.57	3807.8%	71.16	-69.0%	48	28	73.4%
CAD/USD MONDAY OPTIONS WEEK5	0	26.61	-100.0%	0	-	20	10	101.9%
CAD/USD MONTHLY OPTIONS	4,746	2,492.83	90.4%	3,408.79	39.2%	4,324	2,467	75.3%
CAD/USD WKLY FRIDAY OPTIONS -	261	276.3	-5.7%	0	-	97	104	-7.2%
CAD/USD WKLY FRIDAY OPTIONS -	52	133.48	-60.9%	238.42	-78.1%	247	172	43.5%
CAD/USD WKLY FRIDAY OPTIONS -	223	298	-25.3%	332.68	-33.1%	283	292	-3.3%
CAD/USD WKLY FRIDAY OPTIONS -	229	188.78	21.1%	262.42	-12.9%	259	363	-28.6%
CAD/USD WKLY FRIDAY OPTIONS -	28	1.3	2073.2%	0	-	11	97	-89.1%
CAD/USD WKLY WED OPTIONS - WK	28	43.87	-36.2%	104.16	-73.1%	51	55	-6.3%
CAD/USD WKLY WED OPTIONS - WK	9	93.48	-90.4%	105.74	-91.5%	65	70	-6.7%
CAD/USD WKLY WED OPTIONS - WK	23	93	-75.7%	115	-80.3%	63	77	-17.7%
CAD/USD WKLY WED OPTIONS - WK	136	28.39	379.0%	78.53	73.2%	106	25	315.0%
CAD/USD WKLY WED OPTIONS - WK	128	53.09	140.6%	0	-	47	20	136.7%
CHF/USD MONTHLY OPTIONS	172	170.48	0.8%	210.68	-18.4%	308	168	84.1%
CHF/USD WKLY FRIDAY OPTIONS -	23	1.57	1344.5%	0	-	8	1	1321.3%
CHF/USD WKLY FRIDAY OPTIONS -	1	2.39	-47.3%	16.11	-92.2%	10	11	-5.1%
CHF/USD WKLY FRIDAY OPTIONS -	2	9.7	-82.1%	1.21	43.7%	6	8	-25.0%
CHF/USD WKLY FRIDAY OPTIONS -	1	30.17	-95.1%	20.11	-92.6%	12	24	-51.9%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-100.0%
EUR/GBP MONTHLY OPTIONS	76	0	-	10.53	622.8%	32	0	-
EUR/GBP WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-

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<b>FX Options</b>								
EUR/USD MONDAY OPTION WEEK1	198	51.39	284.4%	103.26	91.3%	112	73	54.7%
EUR/USD MONDAY OPTION WEEK2	161	23.7	580.9%	400.42	-59.7%	220	51	335.2%
EUR/USD MONDAY OPTION WEEK3	43	18.74	129.5%	88.89	-51.6%	43	11	298.0%
EUR/USD MONDAY OPTION WEEK4	153	145.87	5.0%	226.37	-32.3%	140	129	8.2%
EUR/USD MONDAY OPTION WEEK5	0	69	-100.0%	0	-	46	26	77.1%
EUR/USD MONTHLY OPTIONS	10,169	10,112.87	0.6%	14,797.58	-31.3%	11,595	10,611	9.3%
EUR/USD WKLY FRIDAY OPTIONS -	1,091	508.61	114.5%	0	-	405	192	111.1%
EUR/USD WKLY FRIDAY OPTIONS -	509	719.43	-29.2%	1,437.37	-64.6%	1,064	641	66.1%
EUR/USD WKLY FRIDAY OPTIONS -	810	947.13	-14.5%	871.26	-7.0%	850	1,044	-18.6%
EUR/USD WKLY FRIDAY OPTIONS -	968	700.57	38.2%	1,837	-47.3%	1,230	816	50.8%
EUR/USD WKLY FRIDAY OPTIONS -	100	2.52	3858.5%	0	-	37	266	-86.1%
EUR/USD WKLY WED OPTIONS - WK	315	170.43	85.1%	452.42	-30.3%	349	248	41.1%
EUR/USD WKLY WED OPTIONS - WK	354	350.74	0.8%	265.79	33.0%	285	368	-22.6%
EUR/USD WKLY WED OPTIONS - WK	285	251.96	12.9%	359	-20.7%	293	362	-19.2%
EUR/USD WKLY WED OPTIONS - WK	333	270.57	23.2%	304.89	9.3%	297	437	-32.1%
EUR/USD WKLY WED OPTIONS - WK	277	245.17	12.8%	0	-	103	92	11.0%
GBP/USD MONDAY OPTION WEEK1	27	6.17	333.1%	57.37	-53.4%	31	11	168.9%
GBP/USD MONDAY OPTION WEEK2	0	7.48	-98.8%	85.89	-99.9%	44	6	616.5%
GBP/USD MONDAY OPTION WEEK3	6	38.13	-83.9%	18.32	-66.5%	8	16	-50.8%
GBP/USD MONDAY OPTION WEEK4	29	1.48	1855.8%	78.58	-63.2%	39	16	142.4%
GBP/USD MONDAY OPTION WEEK5	0	95.65	-100.0%	0	-	6	36	-83.9%
GBP/USD MONTHLY OPTIONS	2,513	3,434.26	-26.8%	3,896.74	-35.5%	3,163	3,866	-18.2%
GBP/USD WKLY FRIDAY OPTIONS -	148	75.96	94.5%	0	-	55	29	91.4%
GBP/USD WKLY FRIDAY OPTIONS -	21	50.26	-58.7%	214.16	-90.3%	117	117	0.1%
GBP/USD WKLY FRIDAY OPTIONS -	117	108	8.6%	381.11	-69.2%	218	135	60.7%
GBP/USD WKLY FRIDAY OPTIONS -	221	90.52	143.7%	156.74	40.7%	183	169	8.1%
GBP/USD WKLY FRIDAY OPTIONS -	64	25.43	152.6%	0	-	24	27	-11.8%
GBP/USD WKLY WED OPTIONS - WK	26	24.04	7.1%	163.16	-84.2%	84	43	97.6%
GBP/USD WKLY WED OPTIONS - WK	3	87.83	-97.1%	55.95	-95.4%	32	48	-32.7%
GBP/USD WKLY WED OPTIONS - WK	28	33.39	-16.3%	66.89	-58.2%	76	29	165.7%
GBP/USD WKLY WED OPTIONS - WK	21	26.43	-20.6%	93.68	-77.6%	79	32	149.2%
GBP/USD WKLY WED OPTIONS - WK	14	71.96	-80.1%	0	-	5	27	-80.4%
JPY/USD MONDAY OPTION WEEK1	39	15.91	143.7%	12.58	208.3%	21	22	-7.2%
JPY/USD MONDAY OPTION WEEK2	13	16.87	-21.6%	57.58	-77.0%	51	15	240.1%
JPY/USD MONDAY OPTION WEEK3	3	13.13	-80.5%	3.89	-34.1%	2	12	-82.1%
JPY/USD MONDAY OPTION WEEK4	35	22	60.3%	49.53	-28.8%	36	8	322.1%
JPY/USD MONDAY OPTION WEEK5	0	13.61	-100.0%	0	-	1	5	-84.0%
JPY/USD MONTHLY OPTIONS	7,487	4,305.52	73.9%	4,533.26	65.2%	6,424	4,454	44.2%
JPY/USD WKLY FRIDAY OPTIONS -	485	354.96	36.6%	0	-	180	134	34.4%
JPY/USD WKLY FRIDAY OPTIONS -	366	252.22	45.3%	684.42	-46.5%	532	254	109.6%
JPY/USD WKLY FRIDAY OPTIONS -	536	650.35	-17.6%	428.68	25.0%	518	529	-2.1%
JPY/USD WKLY FRIDAY OPTIONS -	472	295.7	59.8%	715.63	-34.0%	540	387	39.6%
JPY/USD WKLY FRIDAY OPTIONS -	30	4.35	582.0%	0	-	11	135	-91.9%
JPY/USD WKLY WED OPTIONS - WK	133	130.83	1.7%	199.21	-33.2%	148	104	41.9%
JPY/USD WKLY WED OPTIONS - WK	133	104.17	27.5%	106.58	24.6%	148	134	10.6%
JPY/USD WKLY WED OPTIONS - WK	81	102.65	-21.1%	167.53	-51.6%	116	143	-19.0%
JPY/USD WKLY WED OPTIONS - WK	79	121.13	-35.0%	157.89	-50.1%	117	135	-13.8%
JPY/USD WKLY WED OPTIONS - WK	124	195.35	-36.4%	0	-	46	74	-37.4%

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<b>FX Options</b>								
MXN/USD MONTHLY OPTIONS	33	18.61	78.5%	14.74	125.4%	45	45	0.0%
MXN/USD WKLY FRIDAY OPTIONS -	0	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	0	3.35	-87.0%	0.53	-17.4%	1	4	-77.7%
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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<b>Equity Index Futures</b>								
BITCOIN FUTURES	7,962	10,145.43	-21.5%	9,156	-13.0%	8,806	13,469	-34.6%
DJ US REAL ESTATE	6,225	3,905.26	59.4%	1,546.16	302.6%	3,470	2,416	43.7%
E-mini (\$5) Dow	201,286	226,255.13	-11.0%	257,503.11	-21.8%	241,265	204,228	18.1%
E-MINI COM SERVICES SELECT SEC	299	429.65	-30.3%	114.16	162.3%	187	226	-17.2%
E-mini FTSE China 50	82	0	-	71.74	14.5%	55	0	-
E-MINI MIDCAP	21,039	15,588	35.0%	14,568.32	44.4%	18,460	13,471	37.0%
E-MINI NASDAQ 100	660,797	692,410.83	-4.6%	732,673.16	-9.8%	733,796	605,999	21.1%
E-MINI RUSSELL 1000	1,233	954.26	29.2%	126.68	873.5%	552	473	16.7%
E-MINI RUSSELL 1000 GROWTH	830	513.26	61.7%	510.95	62.5%	582	276	110.8%
E-MINI RUSSELL 1000 VALUE	2,797	3,510.83	-20.3%	487.05	474.2%	1,386	1,566	-11.5%
E-MINI RUSSELL 2000	262,928	261,602.91	0.5%	239,657.84	9.7%	266,524	223,045	19.5%
E-MINI S&P500	1,883,296	2,213,300.96	-14.9%	1,917,845.84	-1.8%	1,962,867	1,821,301	7.8%
E-MINI S&P500 ESG	2,411	1,839.65	31.1%	1,937.16	24.5%	2,199	1,014	116.8%
E-MINI S&P REAL ESTATE SELECT S	785	469	67.4%	188.16	317.3%	494	274	80.1%
ETHER FUTURES	3,999	761.74	425.0%	5,718.16	-30.1%	5,175	478	982.6%
FT-SE 100	29	0.04	67166.4%	3.42	755.3%	14	0	21831.6%
FTSE Emerging	0	0	-	0	-	0	0	-100.0%
IBOVESPA INDEX	2	7	-75.8%	3.05	-44.5%	2	14	-84.6%
MICRO BITCOIN FUTURES	17,142	0	-	21,848.37	-21.5%	19,800	0	-
MICRO E-MINI NASDAQ 100	1,357,364	1,322,505.39	2.6%	1,723,577.16	-21.2%	1,603,701	1,092,227	46.8%
MICRO E-MINI RUSSELL 2000	122,311	202,058.65	-39.5%	182,971.37	-33.2%	176,777	186,667	-5.3%
MICRO E-MINI S&P500	1,259,507	1,183,763.22	6.4%	1,394,575.05	-9.7%	1,366,489	1,053,875	29.7%
MICRO ETHER FUTURES	16,231	0	-	19,870.84	-18.3%	19,078	0	-
MICRO MINI \$5 DOW	186,016	161,181.83	15.4%	254,253.63	-26.8%	234,155	159,261	47.0%
NASDAQ-100 VOLATILITY	91	0	-	149.74	-39.3%	196	0	597165.9%
NASDAQ BIOTECH	9	49.13	-81.2%	2.79	232.0%	7	44	-84.8%
Nearby BTIC+	15	2.17	600.0%	18.42	-17.4%	12	1	1266.6%
NIKKEI 225 (\$) STOCK	6,574	8,766.3	-25.0%	6,525.95	0.7%	6,864	7,314	-6.2%
NIKKEI 225 (YEN) STOCK	47,868	39,916.43	19.9%	45,298	5.7%	45,356	35,018	29.5%
S&P 500	6,679	9,492.83	-29.6%	2,700.95	147.3%	4,948	6,923	-28.5%
S&P 500 ANNUAL DIVIDEND INDEX F	5,837	2,567.48	127.3%	4,906.05	19.0%	4,802	2,806	71.1%
S&P 500 QUARLY DIVIDEND INDEX F	279	267.61	4.4%	199.21	40.2%	260	108	140.4%
S&P CONSUMER DSCRTNRY SECTC	950	1,337.7	-29.0%	357	166.0%	686	834	-17.8%
S&P CONSUMER STAPLES SECTOR	1,748	2,632.26	-33.6%	886.47	97.2%	1,306	1,549	-15.6%
S&P ENERGY SECTOR	6,603	5,006.83	31.9%	2,158.95	205.8%	3,750	2,824	32.8%
S&P FINANCIAL SECTOR	4,257	7,356.52	-42.1%	1,129.68	276.8%	2,362	4,194	-43.7%
S&P HEALTH CARE SECTOR	2,501	1,802.74	38.7%	644.84	287.9%	1,434	1,010	42.0%
S&P INDUSTRIAL SECTOR	2,086	2,926.09	-28.7%	770.74	170.7%	1,518	1,562	-2.8%
S&P MATERIALS SECTOR	1,074	1,002.39	7.1%	894.21	20.1%	925	701	32.0%
S&P TECHNOLOGY SECTOR	1,716	1,436.35	19.4%	964.16	77.9%	1,549	858	80.6%
S&P UTILITIES SECTOR	3,093	2,686.7	15.1%	1,228.05	151.9%	1,967	1,555	26.5%
S&P VALUE INDEX FUTURES	0	0	-	0	-	0	6	-100.0%
WATER INDEX FUTURES	5	4.61	4.7%	5.05	-4.5%	6	7	-13.9%
YEN DENOMINATED TOPIX	201	71.39	181.1%	203.05	-1.2%	200	73	176.0%

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<b>Equity Index Options</b>								
BITCOIN FUTURES	879	0	-	0	-	326	0	-
BITCOIN OPTIONS	97	60.78	59.0%	96.53	0.1%	103	76	35.3%
E-mini (\$5) Dow	160	103.13	54.7%	89.89	77.5%	123	88	39.9%
E-MINI NASDAQ 100	35,429	30,612	15.7%	39,293.42	-9.8%	39,710	25,568	55.3%
E-mini Russell 2000	4,830	4,204.7	14.9%	6,164.05	-21.6%	6,277	4,264	47.2%
E-MINI RUSSELL 2000	1,357	1,771.87	-23.4%	2,013.74	-32.6%	1,643	1,717	-4.3%
E-mini S&P 500	478,310	304,172.61	57.2%	645,339.47	-25.9%	623,125	329,451	89.1%
E-MINI S&P500	517,095	290,064.43	78.3%	506,762.68	2.0%	510,987	286,986	78.1%
EOM S&P 500	0	175.65	-100.0%	0	-	0	66	-100.0%
MICRO E-MINI NASDAQ	630	352.7	78.6%	686.74	-8.3%	574	184	211.9%
Micro E-mini Nasdaq-100	1,912	1,053.3	81.6%	2,659.47	-28.1%	2,652	723	266.6%
MICRO E-MINI NASDAQ 100	340	0	-	420.74	-19.2%	340	0	-
Micro E-mini S&P 500	10,614	7,278.35	45.8%	16,296.26	-34.9%	13,813	6,518	111.9%
S&P 500	0	8,533.78	-100.0%	0	-	0	8,156	-100.0%
<b>Interest Rate Futures</b>								
10-YR NOTE	1,807,143	1,975,738.35	-8.5%	2,833,889.21	-36.2%	2,125,184	2,204,544	-3.6%
10-YR SWAP RATE	4,236	15,118	-72.0%	1,570.63	169.7%	3,844	7,623	-49.6%
15-YR SWAP RATE	65	0	-	0	-	24	0	-
1-MONTH EUROSOLLAR	1,479	0	-	1,284.21	15.2%	942	0	-
20-YR BOND	557	0	-	0	-	206	0	-
20-YR SWAP RATE	0	0	-	0	-	0	0	-
2-YR NOTE	598,154	389,509.04	53.6%	1,065,595.26	-43.9%	709,580	501,603	41.5%
2-YR SWAP RATE	12,257	4,357.22	181.3%	6,197.89	97.8%	7,243	4,590	57.8%
30-YR BOND	359,945	480,315.7	-25.1%	583,719.42	-38.3%	437,575	533,084	-17.9%
30-YR SWAP RATE	8	0	-	23.47	-64.8%	80	10	666.6%
3-YR NOTE	13,975	8,122.61	72.1%	21,182.42	-34.0%	17,543	9,065	93.5%
3-YR SWAP RATE	2,057	1,181.39	74.1%	1,360.32	51.2%	1,762	605	191.3%
4-YR SWAP RATE	221	120.91	82.9%	404.26	-45.3%	515	114	350.0%
5-YR NOTE	1,202,988	1,095,192.7	9.8%	2,100,478.95	-42.7%	1,454,529	1,304,083	11.5%
5-YR SWAP RATE	5,020	6,747.91	-25.6%	3,400.42	47.6%	4,935	5,394	-8.5%
7-YR SWAP RATE	205	162.61	25.8%	413.74	-50.6%	362	147	146.6%
BSBY 3-MONTH FUTURES	2,715	0	-	6,047.16	-55.1%	4,793	0	-
EUROSOLLARS	2,579,332	2,855,054.65	-9.7%	2,978,694.05	-13.4%	2,727,719	2,715,274	0.5%
FED FUND	409,138	98,723.78	314.4%	477,320.26	-14.3%	414,315	100,404	312.6%
SOFR	1,600,102	113,241.83	1313.0%	1,207,881.63	32.5%	1,199,590	111,535	975.5%
SONIA	2	7,223.04	-100.0%	34.21	-94.4%	17	7,576	-99.8%
TIIE	5	0	-	9.84	-50.1%	7	0	-
Ultra 10-Year Note	352,308	352,956.91	-0.2%	628,730.63	-44.0%	447,548	411,829	8.7%
ULTRA T-BOND	187,629	211,327.17	-11.2%	413,811.79	-54.7%	254,985	257,124	-0.8%

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<b>Interest Rate Options</b>								
10-YR NOTE	768,789	662,283.61	16.1%	706,334.68	8.8%	734,958	736,420	-0.2%
2-YR NOTE	806	1,409.35	-42.8%	1,831.53	-56.0%	1,338	844	58.7%
30-YR BOND	126,583	133,701.91	-5.3%	106,258.26	19.1%	119,490	155,142	-23.0%
5-YR NOTE	344,485	203,166.35	69.6%	259,756.84	32.6%	287,147	176,040	63.1%
EURODOLLARS	845,652	214,628.7	294.0%	915,156.11	-7.6%	892,370	242,029	268.7%
EURO MIDCURVE	624,588	923,183.22	-32.3%	556,461.53	12.2%	596,670	863,524	-30.9%
FED FUND	0	0	-	1.11	-100.0%	1	0	-
SOFR	23,821	113.91	20811.5%	37,393	-36.3%	22,925	45	51312.9%
SOFR MIDCURVE	24,428	0	-	19,503	25.3%	16,070	11960359.6%	
Ultra 10-Year Note	0	0	-	0	-	7	0	-
ULTRA T-BOND	346	42.13	720.8%	92.89	272.3%	193	26	630.1%
<b>Energy Futures</b>								
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	107	448.7	-76.1%	118.16	-9.3%	105	310	-66.1%
ARGUS PROPAN FAR EST INDE	290	238	22.0%	244.42	18.8%	274	304	-9.8%
ARGUS PROPAN(SAUDI ARAMCO	115	86.7	32.9%	118.16	-2.5%	113	121	-6.2%
BRENT BALMO SWAP	34	26.09	31.7%	0	-	24	10	143.8%
BRENT CALENDAR SWAP	1,661	493.26	236.8%	393.84	321.8%	1,009	334	201.7%
BRENT FINANCIAL FUTURES	0	0	-	0	-	0	50	-100.0%
BRENT OIL LAST DAY	79,420	132,261.91	-40.0%	121,568.58	-34.7%	95,343	116,509	-18.2%
CAR VINTAGE	996	4.96	19989.6%	760.53	30.9%	771	2	41132.3%
CHICAGO ETHANOL SWAP	3,213	3,168.48	1.4%	2,812.68	14.2%	2,935	3,879	-24.3%
CHICAGO ULSD PL VS HO SPR	51	11.52	339.6%	22.53	124.9%	35	35	-0.6%
CHICAGO UNL GAS PL VS RBO	0	11.09	-100.0%	0	-	0	7	-100.0%
CONWAY NATURAL GASOLINE (OPI	2	10.74	-82.6%	16.89	-88.9%	7	7	1.4%
CONWAY NORMAL BUTANE (OPIS) S	1	4.7	-72.2%	13.05	-90.0%	10	6	72.7%
CONWAY PROPANE 5 DECIMALS S	803	470.09	70.8%	509.16	57.7%	626	542	15.5%
CRUDE OIL	0	1.39	-100.0%	0	-	0	53	-100.0%
CRUDE OIL LAST DAY	20	21.39	-8.5%	23.79	-17.8%	18	23	-20.0%
CRUDE OIL OUTRIGHTS	3,074	2,909.04	5.7%	3,552.16	-13.5%	3,479	3,744	-7.1%
CRUDE OIL PHY	1,255,901	1,132,334.87	10.9%	1,335,517.63	-6.0%	1,223,502	1,099,684	11.3%
CRUDE OIL SPRDS	2,452	1,179.13	108.0%	2,979.95	-17.7%	2,471	1,835	34.6%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
DAILY PJM	0	0	-	0	-	0	0	-
DATED TO FRONTLINE BRENT	13	19.13	-31.8%	37.89	-65.6%	36	11	230.9%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-	0	0	-100.0%
DOMINION TRANSMISSION INC	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL CALENDAR	43	0	-	0	-	32	0	-
DUTCH TTF NATURAL GAS CAL MO	125	2,957.13	-95.8%	266.68	-53.3%	202	2,358	-91.4%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	5	36.78	-85.8%	1.58	230.4%	6	26	-76.3%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-	0	0	-
EMMISSIONS	7	0	-	0	-	3	0	-
ETHANOL	0	1.78	-100.0%	0	-	0	1	-89.2%

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<b>Energy Futures</b>								
ETHANOL SWAP	11	7.3	48.8%	13.68	-20.6%	16	6	180.9%
ETHANOL T2 FOB ROTT INCL DUTY	170	103.83	63.9%	165.11	3.1%	173	187	-7.4%
EURO 3.5% FUEL OIL RDAM B	0	0	-	0	-	0	0	-
EURO GASOIL 10PPM VS ICE	7	0.52	1316.8%	27.11	-72.7%	16	13	20.7%
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	4	0.65	466.7%	10	-63.0%	9	4	149.9%
EUROPEAN GASOIL (ICE)	134	181.91	-26.1%	86.95	54.6%	93	70	32.9%
EUROPEAN NAPHTHA BALMO	0	0	-	1.84	-88.2%	1	0	945.8%
EUROPEAN NAPHTHA CRACK SPR	167	22.61	639.2%	164	1.9%	178	35	407.3%
EUROPE DATED BRENT SWAP	0	30.87	-100.0%	0	-	0	12	-100.0%
EUROPE JET KERO NWE CALSW	0	0	-	0	-	0	0	-
EUROPE NAPHTHA CALSWAP	45	19.3	131.1%	33.32	33.9%	49	26	91.9%
EURO PROPANE CIF ARA SWA	112	57.78	93.9%	109.47	2.3%	101	85	18.9%
FREIGHT MARKETS	14	18.39	-21.3%	5.53	162.0%	16	14	15.3%
FUEL OIL CRACK VS ICE	3	11.09	-73.3%	25.58	-88.4%	15	21	-30.0%
FUEL OIL NWE CRACK VS ICE	0	0	-	0.95	-100.0%	1	0	-
FUELOIL SWAP:CARGOES VS.B	0	0	-	0	-	0	0	-
GAS EURO-BOB OXY NWE BARGES	11	35.3	-68.8%	17.68	-37.8%	14	33	-58.2%
GAS EURO-BOB OXY NWE BARGES	196	305.39	-35.8%	273.32	-28.3%	220	306	-28.0%
GASOIL 0.1CIF MED VS ICE	2	0	-	0	-	1	0	-
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0	-	0	0	-67.2%
GASOIL 0.1 ROTTERDAM BARG	2	0	-	0	-	1	1	-1.6%
GASOIL CALENDAR SWAP	10	9	14.0%	26.58	-61.4%	15	7	121.6%
GASOIL CRACK SPREAD CALEN	147	97.17	51.4%	208.42	-29.4%	145	61	137.4%
GASOIL MINI CALENDAR SWAP	34	28.87	17.8%	27.42	24.0%	26	20	31.6%
GERMAN POWER BASELOAD CAL M	0	0	-	0	-	0	1	-100.0%
GRP THREE ULSD(PLT)VS HEA	410	231.96	76.7%	400.79	2.2%	332	256	29.5%
GRP THREE UNL GS (PLT) VS	332	176.09	88.3%	158.95	108.6%	215	176	22.5%
GULF COAST 3% FUEL OIL BA	17	0	-	13.16	32.2%	10	0	-
GULF COAST JET FUEL CLNDR	0	0	-	0	-	0	0	-
GULF COAST JET VS NYM 2 H	611	1,034.65	-41.0%	674	-9.4%	859	1,166	-26.3%
GULF COAST NO.6 FUEL OIL	333	132.48	151.3%	683.47	-51.3%	571	160	256.9%
GULF COAST ULSD CALENDAR	3	38.7	-91.6%	0	-	5	24	-80.4%
GULF COAST ULSD CRACK SPR	0	0	-	0	-	0	0	-
HEATING OIL BALMO CLNDR S	0	30.43	-100.0%	23.21	-100.0%	24	20	22.4%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	40	-100.0%
HEATING OIL PHY	155,119	163,404.78	-5.1%	223,034.53	-30.5%	197,462	169,638	16.4%
HENRY HUB SWAP	2,018	976.26	106.7%	1,570.68	28.5%	1,612	1,128	42.9%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-	0	0	-
HTG OIL	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	22	68.13	-67.5%	38.42	-42.3%	31	43	-27.6%
ICE GASOIL BALMO SWAP	0	1.13	-100.0%	0	-	0	0	-100.0%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	0	12.61	-100.0%	0	-	0	9	-100.0%
JAPAN C&F NAPHTHA CRACK S	0	0	-	0	-	0	0	-
JAPAN C&F NAPHTHA SWAP	10	3.35	205.2%	6.95	47.1%	7	3	138.7%
JAPAN NAPHTHA BALMO SWAP	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>								
JET CIF NWE VS ICE	7	6.96	4.4%	19.89	-63.5%	15	6	127.5%
JET FUEL UP-DOWN BALMO CL	166	10.87	1424.0%	201.74	-17.9%	161	41	294.1%
JKM LNG Futures	50	51.22	-3.2%	8.58	477.8%	21	21	0.3%
LA CARB DIESEL (OPIS) SWA	27	4.35	515.0%	1.32	1932.2%	30	11	179.3%
LA CARBOB GASOLINE(OPIS)S	0	0	-	0	-	0	0	-
LA JET (OPIS) SWAP	22	12.17	78.6%	27.63	-21.3%	33	16	104.8%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	3	10.43	-75.0%	1.74	50.2%	2	10	-85.0%
LTD NAT GAS	13,574	10,972	23.7%	18,032.21	-24.7%	16,583	13,671	21.3%
MARS (ARGUS) VS WTI SWAP	20	28.26	-29.2%	15.79	26.7%	24	19	24.9%
MARS (ARGUS) VS WTI TRD M	888	721.35	23.1%	617.53	43.8%	799	940	-15.0%
MCCLOSKEY ARA ARGS COAL	489	724.74	-32.5%	430.68	13.6%	400	841	-52.5%
MCCLOSKEY RCH BAY COAL	31	57.96	-46.1%	19.21	62.5%	25	52	-51.0%
MGN1 SWAP FUT	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	7	0.43	1449.9%	1.21	456.7%	3	0	565.8%
MINI RBOB V. EBOBARG NWE BRGS	0	4.57	-100.0%	0	-	0	3	-100.0%
MINI RBOB V. EBOB(ARGUS) NWE B	27	30.26	-10.9%	9.74	176.9%	20	32	-37.5%
MINY HTG OIL	0	0.26	16.6%	0.42	-27.7%	0	0	8.7%
MINY NATURAL GAS	8,519	3,389	151.4%	11,847.63	-28.1%	10,022	6,760	48.3%
MINY RBOB GAS	0	0.43	-10.0%	0.42	-7.1%	0	0	11.2%
MINY WTI CRUDE OIL	48,597	25,531.04	90.3%	33,089.68	46.9%	35,229	18,921	86.2%
MJC FUT	0	0	-	0	-	0	0	-
MNC FUT	79	14.3	455.6%	102.68	-22.6%	90	18	396.8%
MONT BELVIEU ETHANE 5 DECIMAL	1,500	1,275.17	17.6%	1,507.16	-0.5%	1,634	1,250	30.7%
MONT BELVIEU ETHANE OPIS BALM	19	21.74	-10.8%	69.47	-72.1%	48	24	100.7%
MONT BELVIEU LDH PROPANE 5 DE	8,931	8,034.78	11.2%	9,983.89	-10.5%	9,193	9,038	1.7%
MONT BELVIEU LDH PROPANE OPIS	139	167.65	-17.2%	284.63	-51.3%	206	179	15.0%
MONT BELVIEU NATURAL GASOLIN	1,233	826.22	49.3%	750	64.4%	961	754	27.5%
MONT BELVIEU NATURAL GASOLIN	54	39.35	38.1%	18.42	195.0%	43	28	52.2%
MONT BELVIEU NORMAL BUTANE 5	2,438	2,013.96	21.1%	2,660.37	-8.3%	2,476	2,310	7.2%
MONT BELVIEU NORMAL BUTANE B	86	104.61	-17.9%	108.74	-21.0%	101	79	27.0%
NATURAL GAS	8,940	5,504.65	62.4%	9,208.58	-2.9%	8,980	6,185	45.2%
NATURAL GAS PEN SWP	1,917	1,987.39	-3.5%	3,548.95	-46.0%	2,495	3,006	-17.0%
NATURAL GAS PHY	304,543	292,343.65	4.2%	455,273.95	-33.1%	383,345	419,392	-8.6%
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	60	7.17	733.3%	41.32	44.7%	40	5	622.5%
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	46	63.48	-27.3%	32.79	40.7%	44	57	-23.0%
NY HARBOR LOW SULPUR GAS 100C	0	14.35	-100.0%	0	-	0	21	-100.0%
NY HARBOR RESIDUAL FUEL 1	8	4.35	75.0%	3.95	92.8%	6	9	-28.3%
NYH NO 2 CRACK SPREAD CAL	189	65.87	186.5%	92.58	103.8%	113	86	32.1%
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	7	0	-	22.37	-67.7%	23	1	2735.4%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-	0	0	-
PETROCHEMICALS	246	97.57	152.4%	145.16	69.6%	200	147	35.9%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	1,505	1,543.39	-2.5%	836.05	80.0%	1,289	1,504	-14.3%
PETRO CRK&SPRD EURO	99	44.96	120.5%	50.58	96.0%	75	34	119.1%
PETROLEUM PRODUCTS	45	28.35	60.3%	106.58	-57.4%	110	17	538.3%
PETROLEUM PRODUCTS ASIA	43	10	326.5%	71.74	-40.5%	57	5	978.9%
PETRO OUTRIGHT EURO	765	361.91	111.5%	715.74	6.9%	670	367	82.4%
PETRO OUTRIGHT NA	133	169.52	-21.8%	535.21	-75.2%	306	161	90.2%
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	65	84.96	-23.5%	47.89	35.7%	56	120	-53.2%
PREMIUM UNLND 10P FOB MED	1	0	-	0	-	0	0	-
PROPANE NON-LDH MB (OPIS) BAL	66	51.04	30.0%	106.68	-37.8%	89	76	17.5%
PROPANE NON-LDH MT. BEL (OPIS)	431	764.26	-43.6%	741.53	-41.9%	642	1,120	-42.7%
RBOB CALENDAR SWAP	337	317.35	6.3%	319.05	5.7%	329	219	50.2%
RBOB CRACK SPREAD	161	84.13	91.5%	111.32	44.7%	141	99	43.4%
RBOB GAS	0	0	-	0	-	0	0	-
RBOB GASOLINE BALMO CLNDR	88	1.3	6673.6%	37.74	134.1%	83	11	646.7%
RBOB PHY	183,777	196,422.43	-6.4%	232,706.79	-21.0%	199,938	204,183	-2.1%
RBOB VS HEATING OIL SWAP	3	17.61	-85.2%	0	-	6	7	-8.9%
SINGAPORE 380CST BALMO	0	0	-	0	-	0	0	-
SINGAPORE 380CST FUEL OIL	15	9.78	58.2%	11.58	33.7%	16	7	136.3%
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL SPREAD	0	0	-	0	-	0	0	-
SINGAPORE GASOIL	58	36.09	59.5%	36.26	58.7%	46	30	54.9%
SINGAPORE GASOIL CALENDAR	15	32.48	-52.6%	17.05	-9.7%	15	50	-70.1%
SINGAPORE GASOIL SWAP	18	42.26	-57.8%	30.95	-42.4%	28	97	-71.3%
SINGAPORE GASOIL VS ICE	45	55.7	-18.5%	54.47	-16.7%	63	48	31.2%
SINGAPORE JET KERO GASOIL	31	13.04	140.7%	58.42	-46.3%	56	5	1044.9%
SINGAPORE JET KEROSENE SW	9	14.13	-36.9%	5.26	69.3%	7	5	22.6%
SINGAPORE MOGAS 92 UNLEADED	9	13.04	-30.0%	0	-	3	5	-31.1%
SINGAPORE MOGAS 92 UNLEADED	0	35.87	-100.0%	0	-	5	21	-76.9%
TC2 ROTTERDAM TO USAC 37K	0	3.91	-100.0%	6.53	-100.0%	4	2	113.6%
TC5 RAS TANURA TO YOKOHAM	3	1.96	66.7%	0	-	1	2	-45.3%
TD3 MEG TO JAPAN 250K MT	39	90.22	-56.9%	58.68	-33.7%	100	100	-0.3%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-	0	0	-
UK NBP NAT GAS CAL MTH FUT	0	0	-	0	-	0	41	-100.0%
ULSD UP-DOWN BALMO SWP	271	326.52	-17.1%	606.68	-55.4%	407	298	36.6%
UP DOWN GC ULSD VS NMX HO	2,148	1,463.52	46.8%	2,041.79	5.2%	2,155	1,577	36.7%
WTI-BRENT CALENDAR SWAP	4,727	2,887.13	63.7%	2,850.26	65.9%	3,462	2,039	69.8%
WTI CALENDAR	5,239	2,949.13	77.6%	3,002.95	74.5%	3,873	2,760	40.3%
WTI MIDLAND CRUDE OIL	0	0	-	0	-	0	29	-100.0%

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<b>Energy Futures</b>								
WTS (ARGUS) VS WTI SWAP	426	189.13	125.1%	120.68	252.8%	212	253	-16.4%
WTS (ARGUS) VS WTI TRD MT	0	78.26	-100.0%	56.84	-100.0%	59	46	28.5%
<b>Energy Options</b>								
BRENT CALENDAR SWAP	13	0	-	0.79	1486.0%	42	12	263.4%
BRENT CRUDE OIL 1 M CSO	3,435	391.3	777.8%	250	1273.9%	1,354	1,131	19.7%
BRENT OIL LAST DAY	2,246	3,092.26	-27.4%	1,052.63	113.4%	1,639	3,096	-47.1%
COAL API2 INDEX	2	11.74	-81.5%	12.11	-82.0%	5	13	-60.6%
CRUDE OIL	0	0	-	0	-	0	0	-
CRUDE OIL 1MO	3,582	6,810.87	-47.4%	6,890.37	-48.0%	5,105	7,832	-34.8%
CRUDE OIL APO	1,666	1,556.87	7.0%	743.58	124.1%	1,424	1,679	-15.2%
CRUDE OIL CALNDR STRIP	0	0	-	0	-	0	0	-
CRUDE OIL PHY	179,674	131,014.17	37.1%	160,776.21	11.8%	160,114	124,038	29.1%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ETHANOL SWAP	291	120.43	142.0%	234.11	24.5%	219	108	102.5%
FREIGHT MARKETS	0	0	-	1.58	-100.0%	0	0	-
HEATING OIL CRK SPD AVG PRICE	0	0	-	0	-	0	5	-100.0%
HEATING OIL PHY	463	306.7	50.9%	1,006.05	-54.0%	804	309	159.7%
HENRY HUB FINANCIAL LAST	342	345.83	-1.1%	209.63	63.2%	346	692	-49.9%
HO 1 MONTH CLNDR OPTIONS	11	0	-	0	-	11	0	-
LLS CRUDE OIL	0	0	-	0	-	19	0	-
MCCLOSKEY ARA ARGS COAL	0	0	-	0	-	0	5	-100.0%
NATURAL GAS	10	0	-	154.74	-93.6%	54	0	-
NATURAL GAS 1 M CSO FIN	1,370	773.91	77.0%	13,000.53	-89.5%	7,142	2,381	199.9%
NATURAL GAS 2 M CSO FIN	0	252.17	-100.0%	0	-	0	95	-100.0%
NATURAL GAS 3 M CSO FIN	1,093	711.43	53.7%	1,813.16	-39.7%	1,308	692	88.9%
NATURAL GAS 5 M CSO FIN	454	289.13	57.1%	1,047.37	-56.6%	538	109	393.4%
NATURAL GAS 6 M CSO FIN	809	323.91	149.7%	1,605.26	-49.6%	1,087	1,110	-2.0%
NATURAL GAS OPT	87	1,127.39	-92.3%	44.74	94.4%	46	1,014	-95.5%
NATURAL GAS OPTION ON CALEND	0	308.7	-100.0%	0	-	10	161	-94.0%
NATURAL GAS PHY	99,983	72,088.61	38.7%	127,759.95	-21.7%	108,330	109,850	-1.4%
NATURAL GAS SUMMER STRIP	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	73	47.7	52.9%	107.58	-32.2%	89	36	144.7%
PETROCHEMICALS	13	27.3	-50.6%	10.11	33.4%	8	29	-71.9%
PETRO OUTRIGHT EURO	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	3	3.91	-33.3%	3.16	-17.4%	6	11	-44.1%
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	2	3.13	-45.8%	4.63	-63.4%	2	12	-82.2%
RBOB PHY	116	404.83	-71.5%	164.32	-29.7%	170	337	-49.5%
SHORT TERM	9	4.35	100.0%	10.53	-17.4%	10	9	7.3%
SHORT TERM NATURAL GAS	24	9.78	144.4%	5.26	354.3%	17	17	-1.6%
WTI-BRENT BULLET SWAP	1,549	539.13	187.3%	1,597.37	-3.0%	1,625	1,545	5.2%
WTI CRUDE OIL 1 M CSO FI	1,846	3,426.09	-46.1%	2,197.63	-16.0%	1,877	3,687	-49.1%

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<b>Metals Futures</b>								
ALUMINUM	876	1,248.48	-29.8%	1,470.11	-40.4%	1,188	871	36.4%
COBALT METAL FUTURES	3	15.87	-82.2%	46.79	-94.0%	20	9	112.8%
COMEX COPPER	70,040	101,414	-30.9%	106,441.63	-34.2%	85,668	116,763	-26.6%
COMEX E-Mini GOLD	2,000	1,203.35	66.2%	1,372.53	45.7%	1,645	1,311	25.5%
COMEX E-Mini SILVER	205	243.3	-15.9%	229.32	-10.8%	211	483	-56.3%
COMEX GOLD	274,389	272,441.52	0.7%	219,020.63	25.3%	263,430	278,694	-5.5%
COMEX MINY COPPER	171	187.04	-8.3%	203.74	-15.9%	176	170	3.5%
COMEX SILVER	62,639	68,718.87	-8.8%	84,298.84	-25.7%	69,864	101,719	-31.3%
COPPER	48	92.35	-48.2%	203	-76.4%	111	126	-11.6%
FERROUS PRODUCTS	84	74.65	12.2%	151.95	-44.9%	150	97	54.0%
GOLD	614	214.43	186.3%	793.47	-22.6%	644	228	182.4%
HOT ROLLED COIL STEEL FUTURES	137	47.09	190.1%	112.11	21.9%	103	49	110.3%
IRON ORE CHINA	32	46.26	-30.0%	58.74	-44.9%	63	55	14.4%
METALS	0	0	-	8.26	-100.0%	17	1	2318.6%
MICRO GOLD	89,611	57,233.39	56.6%	55,440	61.6%	63,974	72,551	-11.8%
NYMEX HOT ROLLED STEEL	1,635	900.61	81.5%	1,047.16	56.1%	1,382	1,092	26.5%
NYMEX PLATINUM	25,749	22,276.74	15.6%	21,198.63	21.5%	21,849	19,262	13.4%
PALLADIUM	2,242	1,974.09	13.6%	4,344.16	-48.4%	2,885	2,506	15.1%
SILVER	11,399	13,693.43	-16.8%	8,510.47	33.9%	9,087	14,830	-38.7%
URANIUM	1	17.39	-95.8%	0.05	1305.1%	0	7	-95.6%
<b>Metals Options</b>								
ALUMINUM	0	26.09	-100.0%	0	-	0	10	-100.0%
COMEX COPPER	3,343	2,704.61	23.6%	3,923	-14.8%	3,258	2,533	28.6%
COMEX GOLD	57,506	36,306.7	58.4%	48,910.84	17.6%	49,319	42,755	15.4%
COMEX SILVER	6,594	6,799.13	-3.0%	4,917.32	34.1%	5,638	10,294	-45.2%
COPPER	20	0.65	2912.7%	33.84	-41.9%	20	1	2474.4%
GOLD	12,730	7,539.78	68.8%	11,926.32	6.7%	10,997	8,444	30.2%
IRON ORE CHINA	0	4.35	-100.0%	0	-	0	4	-100.0%
NYMEX HOT ROLLED STEEL	66	21.74	205.0%	109.47	-39.4%	101	16	550.9%
NYMEX PLATINUM	162	37.3	335.4%	373.32	-56.5%	357	57	527.6%
PALLADIUM	1	45.74	-98.3%	1.11	-29.2%	1	28	-97.2%
SILVER	859	366.52	134.4%	1,196.21	-28.2%	1,112	445	150.0%
<b>Foreign Exchange Futures</b>								
CHILEAN PESO	0	0	-	1.21	-100.0%	0	0	-
<b>Foreign Exchange Options</b>								
AUD/USD WKLY WED OPTIONS - WK	0	26	-98.2%	88.21	-99.5%	31	43	-28.4%

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<b>Ags Futures</b>								
FERTILIZER PRODUCS	153	102.39	49.9%	231.26	-33.6%	182	180	1.1%
<b>Ag Products Futures</b>								
BLOCK CHEESE	13	86.26	-85.2%	11.53	10.9%	24	46	-46.2%
BUTTER CS	186	188.65	-1.5%	219.95	-15.5%	255	236	7.7%
CASH-SETTLED CHEESE	521	591.26	-11.9%	385.32	35.2%	529	621	-14.9%
CAT ASIA WEATHER	0	0	-	0	-	0	20	-100.0%
CATTLE	66,928	58,316.35	14.8%	58,575.53	14.3%	65,696	62,314	5.4%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	0	-
CDD SEASONAL STRIP	35	108.7	-68.0%	13.16	164.3%	17	41	-58.7%
CDD WEATHER	87	7.61	1042.9%	0	-	32	3	1024.4%
CHI WHEAT	127,425	90,929.78	40.1%	165,340.63	-22.9%	129,329	121,950	6.1%
CLASS IV MILK	70	28.65	145.1%	137.74	-49.0%	141	28	401.6%
COFFEE	0	0	-	0	-	0	0	-100.0%
CORN	312,425	272,257.22	14.8%	487,130.32	-35.9%	367,441	386,300	-4.9%
DJ_UBS ROLL SELECT INDEX FUTU	1,026	251.96	307.1%	34.26	2893.3%	395	102	287.2%
DOW-UBS COMMOD INDEX	5,084	4,326.13	17.5%	1,551.74	227.6%	3,257	2,706	20.4%
DRY WHEY	43	109.78	-61.3%	60.68	-29.9%	52	110	-52.6%
FEEDER CATTLE	12,818	12,612.17	1.6%	14,485.63	-11.5%	13,073	11,774	11.0%
FERTILIZER PRODUCS	0	0	-	0	-	0	0	-
GOLDMAN SACHS	231	608.7	-62.1%	175.11	31.7%	195	673	-71.1%
GSCI EXCESS RETURN FUT	6,085	5,031.74	20.9%	578.58	951.7%	2,487	2,086	19.2%
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	0	102.17	-100.0%	215.79	-100.0%	129	186	-30.7%
HDD WEATHER EUROPEAN	28	65.22	-56.7%	77.63	-63.6%	63	26	138.3%
HOGS	46,182	46,962.96	-1.7%	48,870.11	-5.5%	50,095	46,298	8.2%
HOUSING INDEX	1	0.3	85.7%	0.63	-10.5%	1	0	37.7%
KC WHEAT	45,877	42,342.91	8.3%	71,457.26	-35.8%	54,538	51,299	6.3%
LUMBER	340	351.22	-3.1%	533.58	-36.2%	424	434	-2.2%
MALAYSIAN PALM SWAP	0	263.48	-100.0%	0	-	0	378	-100.0%
MILK	1,597	947.35	68.5%	1,418.53	12.6%	1,589	1,200	32.4%
MINI CORN	4,888	1,860.57	162.7%	3,437.84	42.2%	3,645	2,840	28.3%
MINI SOYBEAN	3,253	2,908.87	11.8%	5,333.58	-39.0%	3,797	3,655	3.9%
MINI WHEAT	1,980	620.3	219.1%	1,873.21	5.7%	1,667	899	85.4%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	299	258.74	15.7%	385.42	-22.3%	360	334	7.7%
OATS	320	325.17	-1.5%	731.47	-56.2%	512	435	17.7%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	0	-
PORK CUTOOUT	146	255.52	-43.0%	132.95	9.6%	134	226	-40.6%
ROUGH RICE	676	349.78	93.3%	1,362.68	-50.4%	881	726	21.3%
SOYBEAN	164,260	188,872	-13.0%	336,397.53	-51.2%	232,776	243,643	-4.5%
SOYBEAN MEAL	80,446	86,307.26	-6.8%	146,955.16	-45.3%	111,541	98,763	12.9%
SOYBEAN OIL	88,556	134,822.3	-34.3%	137,824.74	-35.7%	111,559	136,441	-18.2%
S&P GSCI ENHANCED ER SWAP	0	87.04	-100.0%	0	-	0	33	-100.0%
USD CRUDE PALM OIL	1,408	458.61	207.1%	858.89	64.0%	1,103	265	316.4%
WHEAT	544	536.57	1.3%	1,010.42	-46.2%	871	912	-4.5%

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	ADV MAR 2022	ADV MAR 2021	% CHG	ADV FEB 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Ag Products Options</b>								
BLOCK CHEESE	10	33.91	-69.2%	3.68	183.2%	10	17	-40.6%
BUTTER CS	59	187.87	-68.5%	29.05	103.7%	73	139	-47.2%
CASH-SETTLED CHEESE	458	530.17	-13.6%	328.58	39.4%	493	505	-2.3%
CATTLE	10,186	9,139.83	11.4%	10,889.89	-6.5%	9,931	9,778	1.6%
CDD SEASONAL STRIP	217	86.96	150.0%	26.32	726.1%	89	33	170.6%
CDD WEATHER	0	97.83	-100.0%	0	-	0	37	-100.0%
CHI WHEAT	34,452	15,023.17	129.3%	42,670.53	-19.3%	36,695	21,644	69.5%
CLASS IV MILK	256	165.87	54.6%	382.89	-33.0%	333	146	128.0%
CORN	150,396	93,963.74	60.1%	128,990.37	16.6%	129,062	135,052	-4.4%
CORN NEARBY+2 CAL SPRD	1,741	133.39	1205.3%	887.63	96.2%	1,506	346	335.6%
DEC-DEC CORN CAL SPRD	0	0	-	0	-	0	0	-
DEC-JULY CORN CAL SPRD	48	0	-	63.16	-24.3%	37	0	-
DRY WHEY	109	5	2086.1%	1.11	9789.1%	41	8	409.0%
FEEDER CATTLE	1,738	1,047.7	65.9%	1,812	-4.1%	1,661	945	75.9%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	82	-100.0%
HDD WEATHER	87	21.74	300.0%	52.63	65.2%	77	102	-24.4%
HDD WEATHER EUROPEAN	0	0	-	52.63	-100.0%	16	20	-21.3%
HOGS	11,311	8,663.83	30.6%	16,053.89	-29.5%	12,754	9,222	38.3%
Intercommodity Spread	0	0.04	-100.0%	0	-	0	4	-100.0%
JULY-DEC CORN CAL SPRD	396	58.26	579.4%	639.58	-38.1%	486	229	112.2%
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	0	0	-
JULY-DEC WHEAT CAL SPRD	54	0	-	105.26	-48.4%	52	1	6294.9%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-	0	0	-
JULY-NOV SOYBEAN CAL SPRD	202	20.61	879.1%	228.21	-11.6%	238	9	2431.5%
KC WHEAT	2,605	2,186.91	19.1%	5,494.84	-52.6%	4,518	2,556	76.8%
LUMBER	20	40.78	-51.3%	27.21	-27.0%	28	37	-25.0%
MAR-DEC CORN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY CORN CAL SPRD	0	0	-	181.58	-100.0%	154	0	-
MAR-JULY SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-	2	0	-
MILK	1,004	1,340	-25.1%	677.26	48.2%	937	1,527	-38.6%
MLK MID OPTIONS	1	0.13	666.9%	0.63	58.3%	1	0	1113.0%
NFD MILK	251	139.87	79.6%	215.37	16.7%	255	219	16.3%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	31.58	-100.0%	10	0	-
NOV-MAR SOYBEAN CSO	0	0	-	0	-	0	0	-
OATS	16	6.52	147.3%	15	7.5%	14	6	136.1%
PORK CUTOFF	1	2.83	-53.8%	0	-	0	9	-94.7%
ROUGH RICE	67	65.35	2.9%	70.58	-4.8%	53	51	4.8%
SOYBEAN	70,756	59,171.87	19.6%	132,886.32	-46.8%	94,579	88,189	7.2%
SOYBEAN CRUSH	1	9.78	-91.1%	0	-	1	9	-92.5%
SOYBEAN MEAL	10,587	8,748.52	21.0%	19,302.05	-45.2%	14,343	11,401	25.8%
SOYBEAN OIL	11,413	19,120.78	-40.3%	13,651.37	-16.4%	12,580	16,417	-23.4%
SOYBN NEARBY+2 CAL SPRD	213	96.43	120.5%	226.32	-6.1%	148	94	57.9%
SOYMEAL NEARBY+2 CAL SPRD	30	0	-	0	-	11	0	-
WHEAT	3	22.3	-85.8%	43.26	-92.7%	19	44	-55.5%
WHEAT-CORN IC50	43	15.22	185.7%	0	-	16	8	95.6%
WHEAT NEARBY+2 CAL SPRD	861	4.91	17426.7%	148.79	478.7%	367	23	1478.4%

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	ADV MAR 2022	ADV MAR 2021	% CHG	ADV FEB 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	9,139,540	7,615,093.83	20.0%	12,332,049.79	-25.9%	9,813,299	8,174,604	20.0%
Equity Index Futures	6,106,159	6,388,528.57	-4.4%	6,848,250.68	-10.8%	6,743,982	5,447,669	23.8%
Metals Futures	541,875	542,042.87	0.0%	504,951.58	7.3%	522,466	610,824	-14.5%
Energy Futures	2,111,716	2,006,023.39	5.3%	2,490,284.53	-15.2%	2,220,883	2,102,682	5.6%
FX Futures	998,173	914,634.83	9.1%	831,951.53	20.0%	862,244	817,387	5.5%
Foreign Exchange Futures	0	0	-	1.21	-100.0%	0	0	-
Ags Futures	153	102.39	49.9%	231.26	-33.6%	182	180	1.1%
Ag Products Futures	973,778	954,153.3	2.1%	1,487,577.58	-34.5%	1,158,607	1,178,002	-1.6%
<b>TOTAL FUTURES</b>	<b>19,871,394</b>	<b>18,420,579.17</b>	<b>7.9%</b>	<b>24,495,298.16</b>	<b>-18.9%</b>	<b>21,321,663.47</b>	<b>18,331,348.82</b>	<b>16.3%</b>
<b>TOTAL OPTIONS GROUP</b>								
Interest Rate Options	2,759,498	2,138,529.17	29.0%	2,602,788.95	6.0%	2,671,170	2,174,071	22.9%
Equity Index Options	1,051,652	648,383.3	62.2%	1,219,823	-13.8%	1,199,671	663,798	80.7%
Metals Options	81,281	53,852.61	50.9%	71,391.42	13.9%	70,802	64,585	9.6%
Energy Options	299,165	223,991.65	33.6%	320,703.37	-6.7%	293,403	260,014	12.8%
FX Options	38,601	31,873.39	21.1%	43,734.53	-11.7%	41,972	34,320	22.3%
Ag Products Options	309,595	220,152.13	40.6%	376,189.58	-17.7%	321,593	298,908	7.6%
Foreign Exchange Options	0	26	-98.2%	88.21	-99.5%	31	43	-28.4%
<b>TOTAL OPTIONS</b>	<b>4,539,792</b>	<b>3,316,808.26</b>	<b>36.9%</b>	<b>4,634,719.05</b>	<b>-2.0%</b>	<b>4,598,641.57</b>	<b>3,495,739.8</b>	<b>31.5%</b>
<b>TOTAL COMBINED</b>								
FX	1,036,773	946,508.22	9.5%	875,686.05	18.4%	904,216	851,707	6.2%
Equity Index	7,157,812	7,036,911.87	1.7%	8,068,073.68	-11.3%	7,943,654	6,111,467	30.0%
Interest Rate	11,899,038	9,753,623	22.0%	14,934,838.74	-20.3%	12,484,468	10,348,675	20.6%
Energy	2,410,881	2,230,015.04	8.1%	2,810,987.89	-14.2%	2,514,285	2,362,696	6.4%
Metals	623,156	595,895.48	4.6%	576,343	8.1%	593,268	675,410	-12.2%
Foreign Exchange	0	26	-98.2%	89.42	-99.5%	31	43	-27.6%
Ags	153	102.39	49.9%	231.26	-33.6%	182	180	1.1%
Ag Products	1,283,373	1,174,305.43	9.3%	1,863,767.16	-31.1%	1,480,200	1,476,910	0.2%
<b>GRAND TOTAL</b>	<b>24,411,186</b>	<b>21,737,387.44</b>	<b>12.3%</b>	<b>29,130,017.21</b>	<b>-16.2%</b>	<b>25,920,305.03</b>	<b>21,827,088.62</b>	<b>18.8%</b>

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