

CME Group Exchange ADV Report - Monthly

March 2021

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	ADV MAR 2021	ADV MAR 2020	% CHG	ADV FEB 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
FX Futures								
AD/CD CROSS RATES	1	0.59	-11.7%	0.32	65.2%	0	1	-26.1%
AD/JY CROSS RATES	146	252.41	-42.0%	132.84	10.2%	134	161	-16.6%
AD/NE CROSS RATES	15	39.82	-61.7%	9.16	66.6%	10	29	-64.1%
AUSTRALIAN DOLLAR	118,200	149,830.27	-21.1%	113,302.47	4.3%	115,910	124,719	-7.1%
BP/JY CROSS RATES	140	320.45	-56.2%	122.84	14.1%	122	200	-38.8%
BP/SF CROSS RATES	79	56.86	38.2%	40.53	93.9%	47	32	46.6%
BRAZIL REAL	12,382	11,953.18	3.6%	11,003.79	12.5%	12,397	11,703	5.9%
BRITISH POUND	101,091	162,785.5	-37.9%	93,841.42	7.7%	94,992	126,277	-24.8%
CANADIAN DOLLAR	92,881	123,829.23	-25.0%	76,413.42	21.6%	81,603	96,951	-15.8%
CD/JY CROSS RATES	10	6.32	51.4%	0.68	1298.0%	9	5	83.0%
CHINESE RENMINBI (CNH)	847	1,330.05	-36.3%	679.26	24.7%	811	1,062	-23.7%
CZECK KORUNA (EC)	0	0.41	-78.7%	0	-	0	0	-85.5%
CZECK KORUNA (US)	0	0	-	0.05	-17.3%	0	0	-
EC/AD CROSS RATES	488	621.41	-21.5%	159.74	205.4%	288	447	-35.6%
EC/CD CROSS RATES	711	618.05	15.1%	108.89	553.1%	343	273	25.7%
EC/NOK CROSS RATES	96	11.45	738.9%	24.05	299.5%	45	9	402.4%
EC/SEK CROSS RATES	68	87.68	-22.4%	16.16	320.8%	36	45	-21.4%
EFX/BP CROSS RATES	4,838	7,834.86	-38.2%	2,075.05	133.2%	3,109	4,647	-33.1%
EFX/JY CROSS RATES	3,648	6,995.82	-47.9%	981.05	271.8%	1,975	4,361	-54.7%
EFX/SF CROSS RATES	1,875	4,828.95	-61.2%	984.47	90.5%	1,192	2,576	-53.7%
E-MINI EURO FX	7,306	13,994.27	-47.8%	7,674.53	-4.8%	7,823	7,284	7.4%
E-MINI JAPANESE YEN	461	3,334.59	-86.2%	631.11	-27.0%	547	1,749	-68.7%
EURO FX	259,370	361,061.45	-28.2%	195,614.63	32.6%	214,016	258,002	-17.0%
HUNGARIAN FORINT (EC)	0	0	-	0	-	0	0	-
HUNGARIAN FORINT (US)	2	2.64	-20.8%	0.37	466.5%	1	1	-10.3%
INDIAN RUPEE	673	1,529.91	-56.0%	934.32	-28.0%	898	1,650	-45.6%
JAPANESE YEN	122,012	222,131.09	-45.1%	99,437.16	22.7%	105,194	183,924	-42.8%
KOREAN WON	176	55.32	218.5%	91.37	92.8%	125	52	140.0%
MEXICAN PESO	68,680	103,015.91	-33.3%	52,691.47	30.3%	59,795	74,545	-19.8%
MICRO AUD/USD	12,022	17,238.14	-30.3%	11,625.32	3.4%	13,055	9,128	43.0%
MICRO CAD/USD	2,361	1,662.05	42.1%	2,521.11	-6.3%	2,306	1,141	102.0%
MICRO CHF/USD	622	206.55	201.1%	540.05	15.1%	524	224	133.5%
MICRO EUR/USD	25,216	34,108.41	-26.1%	27,950.05	-9.8%	28,475	17,938	58.7%
MICRO GBP/USD	3,178	2,509.86	26.6%	3,413.68	-6.9%	3,462	2,372	45.9%
MICRO INR/USD	124	92	34.8%	106.74	16.2%	117	153	-23.1%
MICRO JPY/USD	1,632	3,177.64	-48.6%	1,492.32	9.4%	1,491	1,841	-19.0%
MICRO USD/CNH	0	0	-	0.05	147.9%	0	0	-
NEW ZEALND DOLLAR	33,690	47,967	-29.8%	34,267.11	-1.7%	33,303	35,849	-7.1%
NKR/USD CROSS RATE	427	527.86	-19.1%	284.37	50.2%	320	432	-25.8%
POLISH ZLOTY (EC)	19	6.68	179.1%	3.26	471.6%	8	2	256.1%
POLISH ZLOTY (US)	76	77.32	-1.4%	13.63	459.1%	65	41	57.9%
RMB USD	0	0.05	-100.0%	0	-	0	0	-100.0%
RUSSIAN RUBLE	6,964	10,385.77	-32.9%	3,954.84	76.1%	4,999	6,539	-23.5%
S.AFRICAN RAND	3,624	5,008.73	-27.6%	2,201	64.7%	2,871	3,721	-22.8%
SF/JY CROSS RATES	4	0.86	363.2%	9.68	-58.7%	5	2	97.8%
SHEKEL	0	1.14	-73.2%	0.11	189.0%	0	2	-90.8%
SKR/USD CROSS RATES	390	415.23	-6.1%	185.68	110.1%	277	278	-0.4%
SWISS FRANC	28,078	54,115.55	-48.1%	25,005.95	12.3%	24,681	38,871	-36.5%
TURKISH LIRA	8	112.91	-92.6%	2.37	250.6%	4	45	-90.6%

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FX Futures								
USDZAR	2	0	-	0	-	1	0	-
FX Options								
AUD/USD MONDAY OPTION WEEK1	25	0	-	23.11	8.6%	21	8	156.0%
AUD/USD MONDAY OPTION WEEK2	2	3.14	-41.8%	11.79	-84.5%	23	1	2009.4%
AUD/USD MONDAY OPTION WEEK3	35	17.82	96.4%	43.84	-20.2%	27	6	324.7%
AUD/USD MONDAY OPTION WEEK4	30	0	-	14.58	105.5%	20	0	-
AUD/USD MONDAY OPTION WEEK5	1	4.68	-78.6%	0	-	0	2	-77.3%
AUD/USD MONTHLY OPTIONS	1,750	5,899.41	-70.3%	2,331.16	-24.9%	2,915	5,169	-43.6%
AUD/USD WKLY FRIDAY OPTIONS -	36	4.09	773.6%	0	-	13	1	828.3%
AUD/USD WKLY FRIDAY OPTIONS -	69	365.73	-81.2%	115.37	-40.3%	88	383	-77.0%
AUD/USD WKLY FRIDAY OPTIONS -	149	155.86	-4.6%	85.21	74.6%	136	246	-44.7%
AUD/USD WKLY FRIDAY OPTIONS -	127	143.41	-11.4%	148.37	-14.4%	179	267	-33.0%
AUD/USD WKLY FRIDAY OPTIONS -	18	0	-	0	-	26	78	-66.4%
AUD/USD WKLY WED OPTIONS - WK	37	70.23	-47.9%	39.47	-7.4%	49	83	-40.5%
AUD/USD WKLY WED OPTIONS - WK	21	51.91	-59.2%	29.74	-28.8%	44	75	-41.5%
AUD/USD WKLY WED OPTIONS - WK	11	36.64	-69.1%	26.89	-58.0%	33	79	-58.6%
AUD/USD WKLY WED OPTIONS - WK	65	6.36	923.5%	50.37	29.3%	65	102	-36.4%
AUD/USD WKLY WED OPTIONS - WK	25	0	-	0	-	9	42	-77.9%
BRL/USD MONTHLY OPTIONS	38	0.36	10339.1%	5.26	621.2%	16	1	1026.0%
CAD/USD MONDAY OPTIONS WEEK1	45	18.23	145.5%	50.26	-11.0%	46	6	617.8%
CAD/USD MONDAY OPTIONS WEEK2	21	4.55	362.0%	54.32	-61.3%	32	2	1877.5%
CAD/USD MONDAY OPTIONS WEEK3	39	1.73	2167.9%	2.89	1253.3%	16	2	636.1%
CAD/USD MONDAY OPTIONS WEEK4	1	10.64	-94.7%	63.16	-99.1%	28	4	631.9%
CAD/USD MONDAY OPTIONS WEEK5	27	4.64	473.9%	0	-	10	2	509.8%
CAD/USD MONTHLY OPTIONS	2,493	3,048.23	-18.2%	2,807.63	-11.2%	2,467	2,833	-12.9%
CAD/USD WKLY FRIDAY OPTIONS -	276	5.5	4923.7%	0	-	104	2	5238.2%
CAD/USD WKLY FRIDAY OPTIONS -	133	259.36	-48.5%	260.74	-48.8%	172	420	-59.0%
CAD/USD WKLY FRIDAY OPTIONS -	298	201.55	47.9%	265.21	12.4%	292	353	-17.2%
CAD/USD WKLY FRIDAY OPTIONS -	189	110.18	71.3%	669.53	-71.8%	363	347	4.6%
CAD/USD WKLY FRIDAY OPTIONS -	1	0	-	0	-	97	171	-43.5%
CAD/USD WKLY WED OPTIONS - WK	44	107.14	-59.1%	75.32	-41.8%	55	108	-49.3%
CAD/USD WKLY WED OPTIONS - WK	93	239.55	-61.0%	66.68	40.2%	70	127	-45.2%
CAD/USD WKLY WED OPTIONS - WK	93	30.82	201.8%	111.11	-16.3%	77	101	-24.1%
CAD/USD WKLY WED OPTIONS - WK	28	97.18	-70.8%	37	-23.3%	25	118	-78.4%
CAD/USD WKLY WED OPTIONS - WK	53	0	-	0	-	20	24	-17.4%
CHF/USD MONTHLY OPTIONS	170	76.14	123.9%	162.47	4.9%	168	225	-25.7%
CHF/USD WKLY FRIDAY OPTIONS -	2	0.09	1620.0%	0	-	1	0	1732.6%
CHF/USD WKLY FRIDAY OPTIONS -	2	7.64	-68.7%	19.79	-87.9%	11	10	6.4%
CHF/USD WKLY FRIDAY OPTIONS -	10	12.36	-21.6%	9.89	-2.0%	8	10	-20.2%
CHF/USD WKLY FRIDAY OPTIONS -	30	10.55	186.1%	10.32	192.5%	24	8	209.2%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	14	-99.4%
EUR/GBP WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-
EUR/USD MONDAY OPTION WEEK1	51	0.5	10178.3%	162	-68.3%	73	18	311.3%
EUR/USD MONDAY OPTION WEEK2	24	47.18	-49.8%	23.89	-0.8%	51	18	188.0%
EUR/USD MONDAY OPTION WEEK3	19	65.68	-71.5%	12.16	54.1%	11	29	-62.2%
EUR/USD MONDAY OPTION WEEK4	146	48.55	200.5%	25.89	463.3%	129	18	616.1%

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FX Options								
EUR/USD MONDAY OPTION WEEK5	69	73.14	-5.7%	0	-	26	26	0.2%
EUR/USD MONTHLY OPTIONS	10,113	23,405.23	-56.8%	11,212.74	-9.8%	10,611	20,152	-47.3%
EUR/USD WKLY FRIDAY OPTIONS -	509	22	2211.9%	0	-	192	8	2356.6%
EUR/USD WKLY FRIDAY OPTIONS -	719	1,501.91	-52.1%	1,003.32	-28.3%	641	1,537	-58.3%
EUR/USD WKLY FRIDAY OPTIONS -	947	1,016.68	-6.8%	1,309.05	-27.6%	1,044	1,364	-23.4%
EUR/USD WKLY FRIDAY OPTIONS -	701	664.64	5.4%	891.26	-21.4%	816	1,448	-43.7%
EUR/USD WKLY FRIDAY OPTIONS -	3	0	-	0	-	266	362	-26.4%
EUR/USD WKLY WED OPTIONS - WK	170	664.82	-74.4%	345.11	-50.6%	248	588	-57.9%
EUR/USD WKLY WED OPTIONS - WK	351	571.82	-38.7%	389.95	-10.1%	368	558	-34.1%
EUR/USD WKLY WED OPTIONS - WK	252	449.68	-44.0%	411.58	-38.8%	362	498	-27.2%
EUR/USD WKLY WED OPTIONS - WK	271	461.18	-41.3%	463.26	-41.6%	437	515	-15.0%
EUR/USD WKLY WED OPTIONS - WK	245	0	-	0	-	92	154	-39.9%
GBP/USD MONDAY OPTION WEEK1	6	0	-	29	-78.7%	11	10	13.8%
GBP/USD MONDAY OPTION WEEK2	7	0.09	8117.8%	0	-	6	0	19042.5%
GBP/USD MONDAY OPTION WEEK3	38	13.14	190.3%	5.26	624.5%	16	5	243.6%
GBP/USD MONDAY OPTION WEEK4	1	0	-	32.47	-95.4%	16	0	-
GBP/USD MONDAY OPTION WEEK5	96	18.23	424.8%	0	-	36	6	457.6%
GBP/USD MONTHLY OPTIONS	3,434	5,709.41	-39.8%	5,275.63	-34.9%	3,866	5,345	-27.7%
GBP/USD WKLY FRIDAY OPTIONS -	76	16.23	368.1%	0	-	29	6	397.4%
GBP/USD WKLY FRIDAY OPTIONS -	50	171.59	-70.7%	249.68	-79.9%	117	246	-52.3%
GBP/USD WKLY FRIDAY OPTIONS -	108	85.14	26.9%	119.58	-9.7%	135	174	-22.3%
GBP/USD WKLY FRIDAY OPTIONS -	91	94.95	-4.7%	320	-71.7%	169	249	-32.1%
GBP/USD WKLY FRIDAY OPTIONS -	25	0	-	0	-	27	99	-72.7%
GBP/USD WKLY WED OPTIONS - WK	24	71	-66.1%	69.95	-65.6%	43	123	-65.1%
GBP/USD WKLY WED OPTIONS - WK	88	27.73	216.7%	4.26	1960.1%	48	42	13.7%
GBP/USD WKLY WED OPTIONS - WK	33	14.64	128.1%	46.37	-28.0%	29	98	-70.7%
GBP/USD WKLY WED OPTIONS - WK	26	16.45	60.7%	10.21	158.9%	32	97	-67.3%
GBP/USD WKLY WED OPTIONS - WK	72	0	-	0	-	27	71	-61.8%
JPY/USD MONDAY OPTION WEEK1	16	7.95	100.1%	44.47	-64.2%	22	35	-37.1%
JPY/USD MONDAY OPTION WEEK2	17	6.18	172.9%	23.68	-28.8%	15	11	32.3%
JPY/USD MONDAY OPTION WEEK3	13	42.41	-69.0%	22.47	-41.6%	12	15	-20.6%
JPY/USD MONDAY OPTION WEEK4	22	17.5	25.7%	0.58	3700.3%	8	8	9.2%
JPY/USD MONDAY OPTION WEEK5	14	6.91	97.0%	0	-	5	2	109.3%
JPY/USD MONTHLY OPTIONS	4,306	9,817.59	-56.1%	5,602.63	-23.2%	4,454	9,357	-52.4%
JPY/USD WKLY FRIDAY OPTIONS -	355	5.18	6750.1%	0	-	134	2	7178.8%
JPY/USD WKLY FRIDAY OPTIONS -	252	863.41	-70.8%	468.53	-46.2%	254	950	-73.3%
JPY/USD WKLY FRIDAY OPTIONS -	650	1,053.59	-38.3%	430.42	51.1%	529	961	-45.0%
JPY/USD WKLY FRIDAY OPTIONS -	296	329.86	-10.4%	422.74	-30.1%	387	703	-44.9%
JPY/USD WKLY FRIDAY OPTIONS -	4	0	-	0	-	135	251	-46.1%
JPY/USD WKLY WED OPTIONS - WK	131	188.41	-30.6%	116.63	12.2%	104	430	-75.7%
JPY/USD WKLY WED OPTIONS - WK	104	470.73	-77.9%	106.68	-2.4%	134	322	-58.4%
JPY/USD WKLY WED OPTIONS - WK	103	612.95	-83.3%	103.58	-0.9%	143	376	-61.9%
JPY/USD WKLY WED OPTIONS - WK	121	623.18	-80.6%	113.47	6.7%	135	440	-69.2%
JPY/USD WKLY WED OPTIONS - WK	195	0	-	0	-	74	89	-17.3%
MXN/USD MONTHLY OPTIONS	19	28.09	-33.8%	24.05	-22.6%	45	125	-63.8%
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	-

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MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	9	-100.0%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	1	-100.0%
NZD/USD MONTHLY OPTIONS	3	30	-88.8%	3.74	-10.4%	4	70	-93.8%
NZD/USD WKLY FRIDAY OPTIONS -	0	2.27	-100.0%	0	-	0	1	-100.0%
NZD/USD WKLY FRIDAY OPTIONS -	0	17.05	-100.0%	0	-	0	6	-100.0%
RUB/USD MONTHLY OPTIONS	0	0	-	0.53	-100.0%	1	0	-

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Equity Index Futures								
BITCOIN FUTURES	10,145	7,525.77	34.8%	13,413.89	-24.4%	13,469	9,427	42.9%
DJ US REAL ESTATE	3,905	8,736.45	-55.3%	1,256.21	210.9%	2,416	4,223	-42.8%
E-mini (\$5) Dow	226,255	383,279.32	-41.0%	183,839.84	23.1%	204,228	319,073	-36.0%
E-MINI COM SERVICES SELECT SEC	430	630.91	-31.9%	112	283.6%	226	328	-31.3%
E-mini FTSE China 50	0	0	-	0	-	0	0	-
E-MINI MIDCAP	15,588	35,297.18	-55.8%	9,879.11	57.8%	13,471	23,857	-43.5%
E-MINI NASDAQ 100	692,411	793,085.23	-12.7%	570,351.42	21.4%	605,999	726,215	-16.6%
E-MINI RUSSELL 1000	954	1,240.77	-23.1%	235.84	304.6%	473	599	-21.0%
E-MINI RUSSELL 1000 GROWTH	513	586.23	-12.4%	143	258.9%	276	405	-31.8%
E-MINI RUSSELL 1000 VALUE	3,511	772.27	354.6%	547.32	541.5%	1,566	512	206.0%
E-MINI RUSSELL 2000	261,603	325,425.05	-19.6%	195,035.16	34.1%	223,045	227,890	-2.1%
E-MINI S&P500	2,215,141	3,585,887.59	-38.2%	1,577,294.63	40.4%	1,822,315	2,612,526	-30.2%
E-MINI S&P REAL ESTATE SELECT S	469	1,199.23	-60.9%	144	225.7%	274	957	-71.3%
ETHER FUTURES	762	0	-	612.47	24.4%	478	0	-
FT-SE 100	0	0	-	0.16	-72.5%	0	0	-
FTSE Emerging	0	37.64	-100.0%	0.26	-100.0%	0	69	-99.9%
IBOVESPA INDEX	7	20.5	-65.9%	14.16	-50.6%	14	34	-58.8%
MICRO E-MINI NASDAQ 100	1,322,505	849,207.91	55.7%	994,717.47	33.0%	1,092,227	546,487	99.9%
MICRO E-MINI RUSSELL 2000	202,059	123,780.91	63.2%	165,651.11	22.0%	186,667	78,449	137.9%
MICRO E-MINI S&P500	1,183,763	1,141,164.23	3.7%	953,936.37	24.1%	1,053,875	687,289	53.3%
MICRO MINI \$5 DOW	161,182	222,011	-27.4%	130,211.11	23.8%	159,261	134,019	18.8%
NASDAQ BIOTECH	49	53.41	-8.0%	26.21	87.4%	44	47	-7.0%
Nearby BTIC+	2	44.41	-95.1%	0.21	932.7%	1	19	-95.3%
NIKKEI 225 (\$) STOCK	8,766	19,917.95	-56.0%	6,134.95	42.9%	7,314	15,896	-54.0%
NIKKEI 225 (YEN) STOCK	39,916	107,136.27	-62.7%	29,776.21	34.1%	35,018	75,046	-53.3%
S&P 500	9,493	15,865.86	-40.2%	6,095.47	55.7%	6,923	9,448	-26.7%
S&P 500 ANNUAL DIVIDEND INDEX F	2,567	5,029.27	-48.9%	1,830.42	40.3%	2,806	3,869	-27.5%
S&P 500/GI	0	0	-	0	-	0	0	-
S&P 500 QUARLY DIVIDEND INDEX F	268	65.05	311.4%	0	-	108	35	211.7%
S&P 600 SMALLCAP EMINI	0	0	-	0	-	0	0	-
S&P CONSUMER DSCRTNRY SECTC	1,338	1,074.36	24.5%	544.16	145.8%	834	663	25.9%
S&P CONSUMER STAPLES SECTOR	2,632	1,934.91	36.0%	793.11	231.9%	1,549	1,405	10.2%
S&P ENERGY SECTOR	5,007	2,734.68	83.1%	1,569.16	219.1%	2,824	1,670	69.2%
S&P FINANCIAL SECTOR	7,357	3,227.68	127.9%	1,771.42	315.3%	4,194	1,969	113.1%
S&P HEALTH CARE SECTOR	1,803	1,815.23	-0.7%	464.79	287.9%	1,010	1,200	-15.8%
S&P INDUSTRIAL SECTOR	2,926	1,355.32	115.9%	614.58	376.1%	1,562	820	90.5%
S&P MATERIALS SECTOR	1,002	658.32	52.3%	505.53	98.3%	701	541	29.6%
S&P TECHNOLOGY SECTOR	1,436	1,869.59	-23.2%	476.05	201.7%	858	1,077	-20.3%
S&P UTILITIES SECTOR	2,687	2,670.82	0.6%	873.95	207.4%	1,555	1,753	-11.3%
S&P VALUE INDEX FUTURES	0	0	-	0	-	6	0	-
WATER INDEX FUTURES	5	0	-	13.42	-65.7%	7	0	-
YEN DENOMINATED TOPIX	71	468.68	-84.8%	71.32	0.1%	73	472	-84.6%

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Equity Index Options								
BITCOIN FUTURES	61	17.05	256.6%	67.37	-9.8%	76	22	239.4%
E-mini (\$5) Dow	103	262.18	-60.7%	64.42	60.1%	88	199	-55.9%
E-MINI NASDAQ 100	30,612	15,279.5	100.3%	25,388.21	20.6%	25,568	19,948	28.2%
E-MINI RUSSELL 2000	1,772	978.91	81.0%	1,974.74	-10.3%	1,717	1,036	65.7%
E-MINI S&P500	290,064	685,727.91	-57.7%	297,590.11	-2.5%	286,986	495,803	-42.1%
EOM E-MINI RUSSELL 2000 END OF	1,009	353.36	185.6%	1,130.95	-10.8%	1,125	392	187.0%
EOM EMINI S&P	74,576	103,102.41	-27.7%	101,355.21	-26.4%	91,154	141,120	-35.4%
EOM S&P 500	1,094	1,762.14	-37.9%	3,063.21	-64.3%	2,300	5,409	-57.5%
EOW1 E-MINI RUSSELL 2000 WEEKL	464	436.27	6.3%	552.47	-16.1%	472	368	28.3%
EOW1 EMINI S&P 500	62,913	72,007.68	-12.6%	54,188.26	16.1%	48,302	66,734	-27.6%
EOW1 S&P 500	2,020	3,129	-35.4%	2,202.32	-8.3%	1,661	2,913	-43.0%
EOW2 E-MINI RUSSELL 2000 WEEKL	832	68.91	1107.3%	759.26	9.6%	690	197	249.9%
EOW2 EMINI S&P 500	49,312	66,978.59	-26.4%	47,377.84	4.1%	50,206	62,802	-20.1%
EOW2 S&P 500	2,847	4,779.09	-40.4%	1,565.53	81.9%	2,589	4,741	-45.4%
EOW3 E-MINI RUSSELL 2000 WEEKL	1,149	1,207.77	-4.8%	1,567.16	-26.7%	1,429	1,211	18.0%
EOW3 EMINI S&P 500	66,635	178,502.41	-62.7%	110,549.68	-39.7%	99,149	150,823	-34.3%
EOW3 S&P 500	693	2,532.09	-72.6%	2,047.84	-66.2%	1,818	4,763	-61.8%
EOW4 E-MINI RUSSELL 2000 WEEKL	750	80.68	830.0%	137.05	447.5%	547	124	340.4%
EOW4 EMINI S&P 500	44,258	49,982	-11.5%	3,129.16	1314.4%	32,339	34,956	-7.5%
MICRO E-MINI NASDAQ 100	1,406	0	-	661.32	112.6%	907	0	-
MICRO E-MINI S&P500	7,278	0	-	5,964.26	22.0%	6,518	0	-
S&P 500	8,534	9,946.82	-14.2%	7,621.26	12.0%	8,156	11,999	-32.0%
Interest Rate Futures								
10-YR NOTE	1,975,738	2,254,022.55	-12.3%	2,967,082.47	-33.4%	2,204,544	2,456,615	-10.3%
10-YR SWAP RATE	15,118	12,813.27	18.0%	3,031.47	398.7%	7,623	5,725	33.2%
15-YR SWAP RATE	0	0	-	0	-	0	0	-
1-MONTH EURODOLLAR	0	4.05	-100.0%	0	-	0	2	-100.0%
20-YR SWAP RATE	0	0	-	0	-	0	0	-
2-YR NOTE	389,509	901,135.91	-56.8%	828,055.63	-53.0%	501,603	925,246	-45.8%
2-YR SWAP RATE	4,357	3,126.45	39.4%	7,165.89	-39.2%	4,590	1,765	160.1%
30-YR BOND	480,316	458,420.36	4.8%	707,331.05	-32.1%	533,084	489,590	8.9%
30-YR SWAP RATE	0	10.05	-100.0%	28.11	-100.0%	10	17	-37.2%
3-YR NOTE	8,123	0	-	11,325.26	-28.3%	9,065	0	-
3-YR SWAP RATE	1,181	360.09	228.1%	97.58	1110.7%	605	293	106.3%
4-YR SWAP RATE	121	167.27	-27.7%	213.47	-43.4%	114	97	18.5%
5-YR NOTE	1,095,193	1,520,429.09	-28.0%	1,950,485.05	-43.9%	1,304,083	1,468,713	-11.2%
5-YR SWAP RATE	6,748	7,477.64	-9.8%	5,495.74	22.8%	5,394	4,085	32.0%
7-YR SWAP RATE	163	244.91	-33.6%	147.42	10.3%	147	170	-13.5%
EURODOLLARS	2,855,055	4,958,048.82	-42.4%	3,044,965.42	-6.2%	2,715,274	3,602,823	-24.6%
FED FUND	98,724	652,212.77	-84.9%	108,582.58	-9.1%	100,404	500,535	-79.9%
SOFR	113,242	62,216.82	82.0%	122,871.95	-7.8%	111,535	56,412	97.7%
SONIA	7,223	142.55	4967.2%	7,827.89	-7.7%	7,576	6,582	15.1%
Ultra 10-Year Note	352,957	358,680.55	-1.6%	593,557.53	-40.5%	411,829	326,734	26.0%
ULTRA T-BOND	211,327	247,213.86	-14.5%	389,434.05	-45.7%	257,124	262,547	-2.1%

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Interest Rate Options								
10-YR NOTE	662,284	751,827.77	-11.9%	789,713	-16.1%	736,420	878,755	-16.2%
2-YR NOTE	1,409	25,452.59	-94.5%	492.26	186.3%	844	19,484	-95.7%
30-YR BOND	133,702	146,082.18	-8.5%	183,138.26	-27.0%	155,142	175,259	-11.5%
5-YR NOTE	203,166	354,581.05	-42.7%	230,860.32	-12.0%	176,040	247,128	-28.8%
EURODOLLARS	214,629	2,478,587.95	-91.3%	280,110.58	-23.4%	242,029	1,898,726	-87.3%
EURO MIDCURVE	923,183	504,405.18	83.0%	1,014,447.89	-9.0%	863,524	485,044	78.0%
FED FUND	0	77.41	-100.0%	0	-	0	166	-100.0%
SOFR	114	10.68	966.4%	5.26	2064.3%	45	4	923.8%
Ultra 10-Year Note	0	5.41	-100.0%	0	-	0	258	-100.0%
ULTRA T-BOND	42	40.82	3.2%	18.47	128.1%	26	191	-86.2%
Energy Futures								
3.5% FUEL OIL CID MED SWA	0	0	-	0	-	0	0	-100.0%
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	449	433.09	3.6%	181.58	147.1%	310	345	-10.3%
ARGUS PROPAN FAR EST INDE	238	321.68	-26.0%	327.84	-27.4%	304	291	4.3%
ARGUS PROPAN(SAUDI ARAMCO	87	124.32	-30.3%	97.16	-10.8%	121	131	-8.2%
AUSTRIALIAN COKE COAL	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	26	33.64	-22.4%	0	-	10	17	-43.5%
BRENT CALENDAR SWAP	493	831.55	-40.7%	424.79	16.1%	334	569	-41.2%
BRENT FINANCIAL FUTURES	0	2.27	-100.0%	157.89	-100.0%	50	3	1585.5%
BRENT OIL LAST DAY	132,262	171,857.68	-23.0%	111,030.68	19.1%	116,509	156,021	-25.3%
CAR VINTAGE	5	0	-	0	-	2	0	-
CHICAGO ETHANOL SWAP	3,168	6,056.73	-47.7%	4,109.37	-22.9%	3,879	4,725	-17.9%
CHICAGO ULSD PL VS HO SPR	12	99.41	-88.4%	36.58	-68.5%	35	65	-46.2%
CHICAGO UNL GAS PL VS RBO	11	6.59	68.2%	8.95	23.9%	7	5	39.3%
CIG BASIS	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH PK	0	0	-	0	-	0	18	-100.0%
CIN HUB 5MW REAL TIME O P	0	0	-	0	-	0	0	-
CIN HUB 5MW REAL TIME PK	0	0	-	0	-	0	0	-
COLUMB GULF MAINLINE NG B	0	0	-	0	-	0	0	-
CONWAY NATURAL GASOLINE (OPI	11	26.14	-58.9%	1.05	920.2%	7	25	-72.3%
CONWAY NORMAL BUTANE (OPIS) S	5	2.27	106.6%	1.32	256.9%	6	9	-40.2%
CONWAY PROPANE 5 DECIMALS S	470	1,052.09	-55.3%	436.47	7.7%	542	878	-38.2%
CRUDE OIL	1	0	-	42.11	-96.7%	53	32	67.4%
CRUDE OIL LAST DAY	21	0	-	25.95	-17.6%	23	0	-
CRUDE OIL OUTRIGHTS	2,909	8,735.77	-66.7%	3,734.89	-22.1%	3,744	5,393	-30.6%
CRUDE OIL PHY	1,132,335	1,859,899.77	-39.1%	1,163,527.84	-2.7%	1,099,684	1,534,699	-28.3%
CRUDE OIL SPRDS	1,179	2,378.91	-50.4%	2,226.42	-47.0%	1,835	1,747	5.1%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
DAILY PJM	0	0	-	0	-	0	0	-
DATED BRENT (PLATTS) DAILY SWA	0	29.09	-100.0%	0	-	0	10	-100.0%
DATED TO FRONTLINE BRENT	19	0	-	11.58	65.2%	11	0	-
DIESEL 10P BRG FOB RDM VS	0	0	-	1.58	-100.0%	0	0	-
DOMINION TRANSMISSION INC	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL BALMO	0	13.64	-100.0%	0	-	0	5	-100.0%

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Energy Futures								
DUBAI CRUDE OIL CALENDAR	0	303.64	-100.0%	0	-	0	108	-100.0%
DUTCH TTF NATURAL GAS CAL MO	2,957	2,368.14	24.9%	2,753.95	7.4%	2,358	1,755	34.4%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	37	35.27	4.3%	12.11	203.9%	26	55	-53.3%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-	0	0	-
ETHANOL	2	128.45	-98.6%	0.58	207.9%	1	126	-98.8%
ETHANOL SWAP	7	1.82	301.7%	1.05	593.9%	6	6	0.2%
ETHANOL T2 FOB ROTT INCL DUTY	104	477.64	-78.3%	197.84	-47.5%	187	321	-41.7%
EURO 3.5% FUEL OIL RDAM B	0	0	-	0	-	0	1	-100.0%
EURO 3.5% FUEL OIL SPREAD	0	0.23	-100.0%	0	-	0	0	-100.0%
EURO GASOIL 10PPM VS ICE	1	0	-	41.63	-98.7%	13	1	988.2%
EUROPE 1% FUEL OIL NWE CA	0	0	-	0.63	-100.0%	0	0	-
EUROPE 1% FUEL OIL RDAM C	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL MED	0	0	-	0	-	0	1	-100.0%
EUROPE 3.5% FUEL OIL RDAM	1	27.14	-97.6%	2.63	-75.2%	4	23	-84.3%
EUROPEAN GASOIL (ICE)	182	2.86	6252.4%	0.84	21502.3%	70	4	1575.9%
EUROPEAN NAPHTHA BALMO	0	0	-	0	-	0	0	-18.7%
EUROPEAN NAPHTHA CRACK SPR	23	160.41	-85.9%	52.21	-56.7%	35	116	-69.8%
EUROPE DATED BRENT SWAP	31	0	-	0	-	12	0	-
EUROPE JET KERO NWE CALSW	0	0	-	0	-	0	0	-
EUROPE NAPHTHA CALSWAP	19	32.45	-40.5%	37.11	-48.0%	26	35	-27.0%
EURO PROPANE CIF ARA SWA	58	117.32	-50.7%	111.37	-48.1%	85	115	-26.3%
FREIGHT MARKETS	18	50.73	-63.7%	5.74	220.6%	14	29	-53.1%
FUEL OIL CRACK VS ICE	11	20.55	-46.0%	52.68	-79.0%	21	24	-11.2%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	0	0	-
FUEL OIL (PLATS) CAR CM	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	0	0.27	-100.0%	0	-	0	1	-100.0%
GAS EURO-BOB OXY NWE BARGES	35	158.23	-77.7%	39.42	-10.4%	33	127	-74.3%
GAS EURO-BOB OXY NWE BARGES	305	304.09	0.4%	455.47	-33.0%	306	366	-16.5%
GASOIL 0.1 RDAM BRGS VS I	0	0	-	1.58	-100.0%	0	0	-
GASOIL 0.1 ROTTERDAM BARG	0	0.23	-100.0%	1.84	-100.0%	1	0	52.4%
GASOIL 10PPM VS ICE SWAP	0	0	-	0	-	0	0	-
GASOIL CALENDAR SWAP	9	5.59	61.0%	8.95	0.6%	7	3	151.9%
GASOIL CRACK SPREAD CALEN	97	0	-	53.68	81.0%	61	180	-66.0%
GASOIL MINI CALENDAR SWAP	29	53.09	-45.6%	24.05	20.0%	20	40	-49.4%
GERMAN POWER BASELOAD CAL M	0	13.59	-100.0%	2.53	-100.0%	1	135	-99.4%
GROUP THREE UNLEAD GAS (P	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	232	210.64	10.1%	365.53	-36.5%	256	200	28.3%
GRP THREE UNL GS (PLT) VS	176	203.86	-13.6%	187.63	-6.2%	176	182	-3.4%
GULF COAST 3% FUEL OIL BA	0	8.18	-100.0%	0	-	0	30	-100.0%
GULF COAST JET FUEL CLNDR	0	10.23	-100.0%	0	-	0	7	-100.0%
GULF COAST JET VS NYM 2 H	1,035	1,403.36	-26.3%	1,064.21	-2.8%	1,166	1,161	0.4%
GULF COAST NO.6 FUEL OIL	132	1,311.59	-89.9%	124.05	6.8%	160	1,059	-84.9%
GULF COAST ULSD CALENDAR	39	38	1.8%	13.47	187.2%	24	41	-40.0%
GULF COAST ULSD CRACK SPR	0	10.91	-100.0%	0	-	0	17	-100.0%
HEATING OIL BALMO CLNDR S	30	22.73	33.9%	26.37	15.4%	20	9	112.3%
HEATING OIL CRCK SPRD BAL	0	0	-	128.95	-100.0%	40	0	-

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Energy Futures								
HEATING OIL PHY	163,405	231,885.73	-29.5%	191,786.89	-14.8%	169,638	241,340	-29.7%
HENRY HUB BASIS SWAP	0	194.55	-100.0%	0	-	0	69	-100.0%
HENRY HUB FINANCIAL LAST	0	0	-	0	-	0	0	-
HENRY HUB INDEX SWAP FUTU	0	194.55	-100.0%	0	-	0	97	-100.0%
HENRY HUB SWAP	976	3,391.95	-71.2%	1,475.68	-33.8%	1,128	3,998	-71.8%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-	0	0	-
HTG OIL	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	68	490.82	-86.1%	36	89.3%	43	326	-86.7%
ICE GASOIL BALMO SWAP	1	0	-	0	-	0	0	-
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	13	15.5	-18.7%	2.89	335.6%	9	9	2.2%
JAPAN C&F NAPHTHA CRACK S	0	6.82	-100.0%	0	-	0	2	-100.0%
JAPAN C&F NAPHTHA SWAP	3	8.68	-61.4%	5.05	-33.7%	3	10	-71.8%
JAPAN NAPHTHA BALMO SWAP	0	0	-	0	-	0	0	-100.0%
JET CIF NWE VS ICE	7	0	-	11.37	-38.8%	6	0	-
JET FUEL UP-DOWN BALMO CL	11	97.82	-88.9%	63.68	-82.9%	41	119	-65.8%
JKM LNG Futures	51	0.23	22433.0%	3.68	1290.2%	21	38	-45.4%
LA CARB DIESEL (OPIS) SWA	4	37.5	-88.4%	16.05	-72.9%	11	23	-54.2%
LA CARBOB GASOLINE(OPIS)S	0	3.41	-100.0%	0	-	0	6	-100.0%
LA JET (OPIS) SWAP	12	29.55	-58.8%	6.84	77.9%	16	50	-67.7%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	10	7.5	39.1%	16.32	-36.0%	10	25	-60.3%
LOS ANGELES CARB GASOLINE	0	0	-	0	-	0	0	-
LTD NAT GAS	10,972	10,897.5	0.7%	17,488.11	-37.3%	13,671	11,833	15.5%
MARS (ARGUS) VS WTI SWAP	28	0	-	26.32	7.4%	19	40	-52.9%
MARS (ARGUS) VS WTI TRD M	721	1,204.95	-40.1%	1,095.79	-34.2%	940	859	9.4%
MARS BLEND CRUDE OIL	0	0	-	0	-	0	0	-
MCCLOSKEY ARA ARGS COAL	725	1,100.82	-34.2%	765.58	-5.3%	841	1,301	-35.4%
MCCLOSKEY RCH BAY COAL	58	61.64	-6.0%	75.53	-23.3%	52	75	-30.6%
MGN1 SWAP FUT	0	3.18	-100.0%	0	-	0	3	-100.0%
MICHIGAN BASIS	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	0	2.05	-78.7%	0	-	0	1	-60.4%
MINI RBOB V. EBOBARG NWE BRGS	5	15.91	-71.3%	0.32	1345.6%	3	11	-75.6%
MINI RBOB V. EBOB(ARGUS) NWE B	30	27.95	8.3%	39.89	-24.1%	32	42	-24.7%
MINY HTG OIL	0	0.23	14.8%	0.26	-0.9%	0	0	13.6%
MINY NATURAL GAS	3,389	3,124.59	8.5%	9,510.26	-64.4%	6,760	2,546	165.5%
MINY RBOB GAS	0	0.45	-4.3%	0.32	37.7%	0	0	6.3%
MINY WTI CRUDE OIL	25,531	63,336.41	-59.7%	15,569.26	64.0%	18,921	40,165	-52.9%
MJC FUT	0	0	-	0	-	0	0	-
MNC FUT	14	118.5	-87.9%	14.11	1.4%	18	97	-81.3%
MONT BELVIEU ETHANE 5 DECIMAL	1,275	884.5	44.2%	976.53	30.6%	1,250	851	47.0%
MONT BELVIEU ETHANE OPIS BALM	22	4.09	431.4%	8.42	158.2%	24	3	621.4%
MONT BELVIEU LDH PROPANE 5 DE	8,035	10,198.82	-21.2%	7,850.32	2.3%	9,038	9,445	-4.3%
MONT BELVIEU LDH PROPANE OPIS	168	122.32	37.1%	140.58	19.3%	179	155	15.5%
MONT BELVIEU NATURAL GASOLIN	826	2,973.64	-72.2%	596	38.6%	754	1,866	-59.6%
MONT BELVIEU NATURAL GASOLIN	39	46.91	-16.1%	16.63	136.6%	28	38	-26.6%
MONT BELVIEU NORMAL BUTANE 5	2,014	4,094.68	-50.8%	2,332.84	-13.7%	2,310	3,684	-37.3%
MONT BELVIEU NORMAL BUTANE B	105	69.18	51.2%	43.89	138.3%	79	62	28.0%

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Energy Futures								
NATURAL GAS	5,505	8,488.14	-35.1%	7,865.42	-30.0%	6,185	7,659	-19.2%
NATURAL GAS PEN SWP	1,987	3,256.59	-39.0%	4,358.11	-54.4%	3,006	2,299	30.7%
NATURAL GAS PHY	292,344	550,825.05	-46.9%	575,166.95	-49.2%	419,392	573,359	-26.9%
NEPOOL INTR HUB 5MW D AH	0	0	-	0	-	0	238	-100.0%
NEPOOL NE MASS 5MW D AH O	0	0	-	0	-	0	0	-
NEPOOL NE MASS 5MW D AH P	0	0	-	0	-	0	0	-
NEW ENGLAND HUB PEAK DAIL	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	7	36.82	-80.5%	7.89	-9.1%	5	42	-87.0%
NEW YORK HUB ZONE G PEAK	0	0	-	0	-	0	0	-
NEW YORK HUB ZONE J PEAK	0	0	-	0	-	0	0	-
NGPL MID-CONTINENT	0	0	-	0	-	0	0	-
NGPL TEX/OK	0	0	-	0	-	0	0	-
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	0	0	-	0	-	0	4	-100.0%
NORTHWEST ROCKIES BASIS S	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	0	31.23	-100.0%	0	-	0	22	-100.0%
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	63	381.36	-83.4%	41.58	52.7%	57	276	-79.2%
NY HARBOR LOW SULPUR GAS 100C	14	0	-	20.53	-30.1%	21	0	-
NY HARBOR RESIDUAL FUEL 1	4	81.09	-94.6%	11.79	-63.1%	9	75	-87.9%
NYH NO 2 CRACK SPREAD CAL	66	109.09	-39.6%	91.84	-28.3%	86	79	8.9%
NYISO CAPACITY	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH O P	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH PK	0	0	-	0	-	0	0	-
NYISO ZONE J 5MW D AH O P	0	0	-	0	-	0	0	-
NYISO ZONE J 5MW D AH PK	0	0	-	0	-	0	0	-
NYMEX ALUMINUM FUTURES	0	0	-	0	-	0	0	-
NYMEX ULSD VS NYMEX HO	0	0	-	0	-	0	5	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	0	67.5	-100.0%	0	-	1	32	-97.4%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-	0	0	-
PERMIAN BASIS SWAP	0	0	-	0	-	0	0	-
PETROCHEMICALS	98	129.05	-24.4%	180.74	-46.0%	147	145	1.4%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-	0	2	-100.0%
PETRO CRCKS & SPRDS NA	1,543	2,384.68	-35.3%	1,784.84	-13.5%	1,504	2,014	-25.4%
PETRO CRK&SPRD EURO	45	62.41	-28.0%	26.79	67.8%	34	87	-60.9%
PETROLEUM PRODUCTS	28	142.5	-80.1%	17.16	65.2%	17	134	-87.2%
PETROLEUM PRODUCTS ASIA	10	22.95	-56.4%	2.11	375.0%	5	27	-80.6%
PETRO OUTRIGHT EURO	362	234.59	54.3%	391.16	-7.5%	367	245	49.5%
PETRO OUTRIGHT NA	170	191.91	-11.7%	244.63	-30.7%	161	169	-4.5%
PJM AD HUB 5MW REAL TIME	0	0	-	0	-	0	0	-
PJM DAILY	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM DAYTON DA PEAK	0	0	-	0	-	0	0	-
PJM MONTHLY	0	0	-	0	-	0	0	-
PJM NI HUB 5MW REAL TIME	0	0	-	0	-	0	0	-
PJM PECO ZONE5MW PEAK CAL MO	0	0	-	0	-	0	0	-
PJM PSEG DA OFF-PEAK	0	0	-	0	-	0	0	-

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Energy Futures								
PJM PSEG DA PEAK	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM WESTHDA PEAK	0	0	-	0	-	0	0	-
PJM WESTH RT OFF-PEAK	0	0	-	0	-	0	0	-
PJM WESTH RT PEAK	0	0	-	0	-	0	144	-100.0%
PLASTICS	85	69.45	22.3%	125.16	-32.1%	120	49	147.6%
PREMIUM UNLD 10P FOB MED	0	3.82	-100.0%	0	-	0	3	-100.0%
PROPANE NON-LDH MB (OPIS) BAL	51	72.18	-29.3%	99.05	-48.5%	76	107	-28.9%
PROPANE NON-LDH MT. BEL (OPIS)	764	803	-4.8%	963.42	-20.7%	1,120	1,129	-0.8%
RBOB CALENDAR SWAP	317	247.82	28.1%	194.05	63.5%	219	256	-14.6%
RBOB CRACK SPREAD	84	106.36	-20.9%	82.89	1.5%	99	93	6.5%
RBOB GAS	0	0	-	0	-	0	0	-
RBOB GASOLINE BALMO CLNDR	1	32.27	-96.0%	18.58	-93.0%	11	21	-46.4%
RBOB PHY	196,422	255,716.5	-23.2%	219,227.47	-10.4%	204,183	242,644	-15.9%
RBOB VS HEATING OIL SWAP	18	54.55	-67.7%	0	-	7	24	-72.6%
SAN JUAN BASIS SWAP	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	0	0	-	0	-	0	1	-100.0%
SINGAPORE 380CST BALMO	0	0	-	0	-	0	1	-100.0%
SINGAPORE 380CST FUEL OIL	10	18.59	-47.4%	4.05	141.4%	7	20	-65.7%
SINGAPORE FUEL 180CST CAL	0	0.23	-100.0%	0	-	0	2	-100.0%
SINGAPORE FUEL OIL SPREAD	0	0	-	0	-	0	1	-100.0%
SINGAPORE GASOIL	36	43.55	-17.1%	33.53	7.6%	30	46	-36.0%
SINGAPORE GASOIL CALENDAR	32	41.64	-22.0%	60.32	-46.2%	50	53	-6.2%
SINGAPORE GASOIL SWAP	42	37.82	11.7%	151.11	-72.0%	97	63	53.1%
SINGAPORE GASOIL VS ICE	56	5.32	947.3%	56.32	-1.1%	48	2	2463.6%
SINGAPORE JET KERO BALMO	0	4.18	-100.0%	0	-	0	6	-100.0%
SINGAPORE JET KERO GASOIL	13	0	-	0	-	5	0	-
SINGAPORE JET KEROSENE SW	14	70.68	-80.0%	0	-	5	70	-92.4%
SINGAPORE MOGAS 92 UNLEADED	13	0	-	0	-	5	0	1119.7%
SINGAPORE MOGAS 92 UNLEADED	36	294.77	-87.8%	8.16	339.7%	21	265	-92.1%
Sumas Basis Swap	0	0	-	0	-	0	0	-
TC2 ROTTERDAM TO USAC 37K	4	0	-	0.79	395.6%	2	0	-
TC5 RAS TANURA TO YOKOHAM	2	1.14	72.2%	4.74	-58.7%	2	2	-2.0%
TCO BASIS SWAP	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	90	334.5	-73.0%	138.16	-34.7%	100	222	-54.9%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-	0	0	-
TRANSCO ZONE4 BASIS SWAP	0	0	-	0	-	0	0	-
UK NBP NAT GAS CAL MTH FUT	0	22.32	-100.0%	0	-	41	25	61.8%
ULSD UP-DOWN BALMO SWP	327	316.36	3.2%	410.74	-20.5%	298	429	-30.5%
UP DOWN GC ULSD VS NMX HO	1,464	3,080.27	-52.5%	1,681.95	-13.0%	1,577	2,579	-38.9%
WAHA BASIS	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	0	0	-	0	-	0	0	-
WTI-BRENT CALENDAR SWAP	2,887	3,084.05	-6.4%	1,850.21	56.0%	2,039	2,780	-26.7%
WTI CALENDAR	2,949	4,121.27	-28.4%	3,261.63	-9.6%	2,760	2,838	-2.8%
WTI MIDLAND CRUDE OIL	0	0	-	92.37	-100.0%	29	5	494.6%
WTS (ARGUS) VS WTI SWAP	189	329.32	-42.6%	569.74	-66.8%	253	403	-37.2%
WTS (ARGUS) VS WTI TRD MT	78	70.91	10.4%	0	-	46	80	-43.1%

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Energy Options								
BRENT CALENDAR SWAP	0	0	-	27.05	-100.0%	12	0	-
BRENT CRUDE OIL 1 M CSO	391	163.64	139.1%	1,263.16	-69.0%	1,131	352	221.7%
BRENT OIL LAST DAY	3,092	5,342.23	-42.1%	2,735.26	13.1%	3,096	4,989	-37.9%
COAL API2 INDEX	12	0	-	11.05	6.2%	13	0	-
CRUDE OIL	0	0	-	0	-	0	0	-
CRUDE OIL 1MO	6,811	14,670.14	-53.6%	5,796.32	17.5%	7,832	12,946	-39.5%
CRUDE OIL APO	1,557	6,919.95	-77.5%	2,330.26	-33.2%	1,679	4,022	-58.3%
CRUDE OIL CALNDR STRIP	0	0	-	0	-	0	0	-
CRUDE OIL PHY	131,014	210,164.68	-37.7%	136,103.53	-3.7%	124,038	184,042	-32.6%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ETHANOL SWAP	120	190	-36.6%	70.26	71.4%	108	177	-38.7%
HEATING OIL CRK SPD AVG PRICE	0	0	-	0	-	5	0	-
HEATING OIL PHY	307	860.77	-64.4%	356.53	-14.0%	309	1,160	-73.3%
HENRY HUB FINANCIAL LAST	346	161.55	114.1%	395.84	-12.6%	692	287	140.7%
HO 1 MONTH CLNDR OPTIONS	0	0	-	0	-	0	2	-100.0%
LLS CRUDE OIL	0	0	-	0	-	0	0	-
MCCLOSKEY ARA ARGS COAL	0	0	-	15.79	-100.0%	5	23	-78.6%
MCCLOSKEY RCH BAY COAL	0	0	-	0	-	0	2	-100.0%
NATURAL GAS 1 M CSO FIN	774	1,413.64	-45.3%	4,472.11	-82.7%	2,381	4,988	-52.3%
NATURAL GAS 2 M CSO FIN	252	22.73	1009.6%	0	-	95	60	57.2%
NATURAL GAS 3 M CSO FIN	711	1,877.27	-62.1%	940.79	-24.4%	692	1,796	-61.5%
NATURAL GAS 5 M CSO FIN	289	136.36	112.0%	0	-	109	104	4.8%
NATURAL GAS 6 M CSO FIN	324	2,059.09	-84.3%	2,134.21	-84.8%	1,110	2,135	-48.0%
NATURAL GAS OPT	1,127	136.36	726.8%	1,024.21	10.1%	1,014	48	1994.8%
NATURAL GAS OPTION ON CALEND	309	136.36	126.4%	10.53	2832.6%	161	172	-6.4%
NATURAL GAS PHY	72,089	143,287.18	-49.7%	156,616.53	-54.0%	109,850	128,784	-14.7%
NATURAL GAS SUMMER STRIP	0	0	-	0	-	0	0	-
NATURAL GAS WINTER STRIP	0	0	-	0	-	0	10	-100.0%
N ROCKIES PIPE SWAP	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	48	110.77	-56.9%	18.84	153.1%	36	188	-80.7%
PETROCHEMICALS	27	9.27	194.5%	15.79	72.9%	29	5	496.6%
PETRO OUTRIGHT EURO	0	0	-	0	-	0	0	-100.0%
PETRO OUTRIGHT NA	4	12.27	-68.1%	12.63	-69.0%	11	12	-11.1%
PJM WES HUB PEAK CAL MTH	0	12.73	-100.0%	0	-	0	10	-100.0%
PJM WES HUB PEAK LMP 50MW	0	0	-	0	-	0	0	-
RBOB CALENDAR SWAP	3	0	-	17.37	-82.0%	12	2	375.7%
RBOB PHY	405	595.45	-32.0%	296.16	36.7%	337	516	-34.8%
SAN JUAN PIPE SWAP	0	0	-	0	-	0	0	-
SHORT TERM	4	9.09	-52.2%	18.42	-76.4%	9	19	-51.4%
SHORT TERM NATURAL GAS	10	27.27	-64.1%	43.42	-77.5%	17	66	-74.0%
WTI-BRENT BULLET SWAP	539	4,623.86	-88.3%	2,118.42	-74.6%	1,545	4,858	-68.2%
WTI CRUDE OIL 1 M CSO FI	3,426	2,715.91	26.1%	4,728.95	-27.6%	3,687	4,268	-13.6%

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Metals Futures								
ALUMINUM	1,248	1,556.55	-19.8%	748.95	66.7%	871	1,351	-35.5%
COBALT METAL FUTURES	16	0	-	2.63	503.0%	9	0	-
COMEX COPPER	101,414	105,674.5	-4.0%	154,904.95	-34.5%	116,763	116,462	0.3%
COMEX E-Mini GOLD	1,203	3,370.36	-64.3%	1,405.89	-14.4%	1,311	2,210	-40.7%
COMEX E-Mini SILVER	243	330.64	-26.4%	862.84	-71.8%	483	226	114.1%
COMEX GOLD	272,442	470,747.45	-42.1%	240,493.37	13.3%	278,694	453,548	-38.6%
COMEX MINY COPPER	187	23.86	683.8%	185.58	0.8%	170	29	491.3%
COMEX SILVER	68,719	103,414.32	-33.5%	136,628.16	-49.7%	101,719	109,728	-7.3%
COPPER	92	84.68	9.1%	126.16	-26.8%	126	102	22.8%
FERROUS PRODUCTS	75	179.09	-58.3%	61.11	22.2%	97	99	-1.8%
GOLD	214	606.68	-64.7%	228.05	-6.0%	228	660	-65.5%
HOT ROLLED COIL STEEL FUTURES	47	2.27	1971.9%	31.11	51.4%	49	1	5957.3%
IRON ORE 62 CHINA TSI FUTURES	0	233.36	-100.0%	0	-	0	160	-100.0%
IRON ORE CHINA	46	0	-	51.37	-9.9%	55	0	-
METALS	0	0	-	0	-	1	0	-
MICRO GOLD	57,233	80,161.45	-28.6%	76,842.95	-25.5%	72,551	56,296	28.9%
NYMEX HOT ROLLED STEEL	901	1,395.86	-35.5%	1,140.32	-21.0%	1,092	936	16.7%
NYMEX PLATINUM	22,277	33,550.05	-33.6%	19,746.11	12.8%	19,262	27,096	-28.9%
PALLADIUM	1,974	3,484.09	-43.3%	3,629.95	-45.6%	2,506	5,695	-56.0%
SILVER	13,693	3,379.32	305.2%	18,894.63	-27.5%	14,830	2,437	508.4%
URANIUM	17	28.23	-38.4%	0	-	7	30	-77.8%
Metals Options								
ALUMINUM	26	0	-	0	-	10	2	306.6%
COMEX COPPER	2,705	2,827.86	-4.4%	3,105.42	-12.9%	2,533	3,858	-34.3%
COMEX GOLD	36,307	87,389	-58.5%	45,491	-20.2%	42,755	85,663	-50.1%
COMEX SILVER	6,799	12,451.05	-45.4%	13,456.95	-49.5%	10,294	11,718	-12.1%
COPPER	1	5.64	-88.4%	1.47	-55.7%	1	54	-98.5%
GOLD	7,540	8,160.77	-7.6%	9,383.58	-19.6%	8,444	9,702	-13.0%
HOT ROLLED COIL STEEL CALL OPT	0	0	-	0	-	0	1	-100.0%
HOT ROLLED COIL STEEL PUT OPTI	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI CALL OPTIC	0	47.73	-100.0%	0	-	0	22	-100.0%
IRON ORE 62 CHINA TSI PUT OPTIO	0	65.45	-100.0%	0	-	0	87	-100.0%
IRON ORE CHINA	4	0	-	0	-	4	0	-
NYMEX HOT ROLLED STEEL	22	0	-	0	-	16	0	-
NYMEX PLATINUM	37	206.5	-81.9%	72.89	-48.8%	57	299	-81.0%
PALLADIUM	46	74.77	-38.8%	10.53	334.5%	28	85	-67.5%
SILVER	367	656.73	-44.2%	541.37	-32.3%	445	761	-41.6%
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS - WK	26	30.23	-14.0%	53	-50.9%	43	53	-17.5%

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	ADV MAR 2021	ADV MAR 2020	% CHG	ADV FEB 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Ags Futures								
FERTILIZER PRODUCTS	102	172.73	-40.7%	143.95	-28.9%	180	141	27.5%

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Ag Products Futures								
BUTTER CS	189	365.91	-48.4%	178.63	5.6%	236	399	-40.8%
CASH-SETTLED CHEESE	678	1,017.09	-33.4%	540.74	25.3%	667	725	-8.1%
CAT ASIA WEATHER	0	0	-	52.63	-100.0%	20	0	-
CATTLE	58,316	99,767.91	-41.5%	54,758.16	6.5%	62,314	84,761	-26.5%
CDD SEASONAL STRIP	109	6.82	1494.2%	0	-	41	12	238.8%
CDD WEATHER	8	140.91	-94.6%	0	-	3	66	-95.7%
CHI WHEAT	90,930	151,942.95	-40.2%	152,993.58	-40.6%	121,950	149,528	-18.4%
CLASS IV MILK	29	245.41	-88.3%	19.32	48.3%	28	235	-88.0%
COFFEE	0	0	-	0	-	0	0	-
CORN	272,257	353,582.45	-23.0%	450,950.42	-39.6%	386,300	361,121	7.0%
COTTON	0	0.27	-100.0%	0	-	0	0	-100.0%
DJ_UBS ROLL SELECT INDEX FUTU	252	142.91	76.3%	17.21	1364.0%	102	51	101.4%
DOW-UBS COMMOD INDEX	4,326	3,570.59	21.2%	1,992.47	117.1%	2,706	1,976	36.9%
DRY WHEAT	110	119.95	-8.5%	116.32	-5.6%	110	99	10.6%
FEEDER CATTLE	12,612	17,373.64	-27.4%	10,262.79	22.9%	11,774	16,690	-29.5%
FERTILIZER PRODUCS	0	17.73	-100.0%	0	-	0	11	-100.0%
GOLDMAN SACHS	609	885.32	-31.2%	639.68	-4.8%	673	918	-26.8%
GSCI EXCESS RETURN FUT	5,032	3,760.36	33.8%	339.37	1382.7%	2,086	1,465	42.4%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	102	11.36	799.1%	292.11	-65.0%	186	110	69.0%
HDD WEATHER EUROPEAN	65	0	-	0	-	26	16	62.6%
HOGS	46,963	62,798.09	-25.2%	43,547	7.8%	46,298	59,841	-22.6%
HOUSING INDEX	0	3.59	-91.5%	0.42	-27.7%	0	2	-77.1%
Intercommodity Spread	0	0	-	0	-	0	0	-
KC WHEAT	42,343	64,834.27	-34.7%	69,820.37	-39.4%	51,299	62,338	-17.7%
LUMBER	351	661.32	-46.9%	517.79	-32.2%	434	743	-41.6%
MALAYSIAN PALM SWAP	263	122.73	114.7%	324	-18.7%	378	138	173.2%
MILK	947	1,614.68	-41.3%	1,069.95	-11.5%	1,200	1,528	-21.4%
MINI CORN	1,861	1,168.86	59.2%	3,078.26	-39.6%	2,840	762	272.6%
MINI SOYBEAN	2,909	1,499.95	93.9%	3,263.84	-10.9%	3,655	1,194	206.2%
MINI WHEAT	620	868.14	-28.5%	968.21	-35.9%	899	513	75.4%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	259	610.64	-57.6%	405.95	-36.3%	334	622	-46.3%
OATS	325	599.68	-45.8%	604.53	-46.2%	435	662	-34.3%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	0	-
PORK CUTOUT	256	0	-	236.26	8.2%	226	0	-
ROUGH RICE	350	1,181.95	-70.4%	1,342.84	-74.0%	726	1,325	-45.2%
SOYBEAN	188,872	250,007.55	-24.5%	269,352.05	-29.9%	243,643	237,629	2.5%
SOYBEAN MEAL	86,307	135,567.5	-36.3%	111,132.68	-22.3%	98,763	137,874	-28.4%
SOYBEAN OIL	134,822	148,121	-9.0%	136,125.16	-1.0%	136,441	151,158	-9.7%
S&P GSCI ENHANCED ER SWAP	87	342	-74.5%	0	-	33	121	-73.0%
SUGAR 11	0	0	-	0	-	0	0	-
USD CRUDE PALM OIL	459	96.09	377.3%	193.89	136.5%	265	165	60.0%
WHEAT	537	1,204.32	-55.4%	1,042.16	-48.5%	912	1,072	-15.0%

Ag Products Options

AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
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Ag Products Options								
BUTTER CS	188	296.23	-36.6%	83.84	124.1%	139	230	-39.8%
CASH-SETTLED CHEESE	564	873.09	-35.4%	368.95	52.9%	521	656	-20.6%
CATTLE	9,140	17,170.68	-46.8%	8,831.37	3.5%	9,778	14,289	-31.6%
CDD SEASONAL STRIP	87	0	-	0	-	33	32	1.6%
CDD WEATHER	98	0	-	0	-	37	0	-
CHI WHEAT	15,023	40,954.68	-63.3%	20,655.79	-27.3%	21,644	34,606	-37.5%
CLASS IV MILK	166	548.77	-69.8%	96.37	72.1%	146	393	-62.9%
CORN	93,964	97,333.95	-3.5%	117,962.84	-20.3%	135,052	80,622	67.5%
CORN NEARBY+2 CAL SPRD	133	284.32	-53.1%	597.89	-77.7%	346	273	26.4%
DEC-DEC CORN CAL SPRD	0	11.36	-100.0%	0	-	0	4	-100.0%
DEC-JULY CORN CAL SPRD	0	0	-	0	-	0	3	-100.0%
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-	0	0	-
DRY WHEY	5	64.64	-92.3%	17.84	-72.0%	8	34	-76.2%
FEEDER CATTLE	1,048	2,094.59	-50.0%	632.68	65.6%	945	1,764	-46.5%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	131.58	-100.0%	82	0	-
HDD WEATHER	22	0	-	171.05	-87.3%	102	0	-
HDD WEATHER EUROPEAN	0	0	-	26.32	-100.0%	20	0	-
HOGS	8,664	17,032.09	-49.1%	11,228.32	-22.8%	9,222	17,035	-45.9%
HOUSING INDEX	0	0	-	0	-	0	0	-
Intercommodity Spread	0	96.36	-100.0%	0	-	4	129	-96.6%
JAN-MAR SOYBEAN CSO	0	0	-	0	-	0	0	-
JULY-DEC CORN CAL SPRD	58	255	-77.2%	331.58	-82.4%	229	263	-13.0%
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	0	0	-
JULY-DEC WHEAT CAL SPRD	0	12.27	-100.0%	2.63	-100.0%	1	27	-96.9%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-	0	1	-100.0%
JULY-NOV SOYBEAN CAL SPRD	21	142.23	-85.5%	0	-	9	98	-90.4%
KC WHEAT	2,187	5,830	-62.5%	2,538.95	-13.9%	2,556	5,140	-50.3%
LUMBER	41	64.68	-36.9%	42.63	-4.3%	37	66	-43.9%
LV CATL CSO	0	0	-	0	-	0	0	-
MAR-DEC CORN CAL SPRD	0	0	-	0	-	0	8	-100.0%
MAR-JULY CORN CAL SPRD	0	0	-	0	-	0	40	-100.0%
MAR-JULY SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-	0	0	-
MILK	1,340	2,192.14	-38.9%	1,478.79	-9.4%	1,527	2,042	-25.2%
MLK MID OPTIONS	0	1.09	-88.0%	0	-	0	1	-92.7%
NFD MILK	140	728.59	-80.8%	290.63	-51.9%	219	666	-67.0%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
NOV-MAR SOYBEAN CSO	0	33.18	-100.0%	0	-	0	12	-100.0%
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
OATS	7	2.5	160.9%	2.42	169.4%	6	22	-73.1%
PORK CUTOFF	3	0	-	17.68	-84.0%	9	0	-
ROUGH RICE	65	134.41	-51.4%	56.58	15.5%	51	159	-68.2%
SOYBEAN	59,172	60,758.77	-2.6%	76,969.63	-23.1%	88,189	53,184	65.8%
SOYBEAN CRUSH	10	0.91	976.1%	6.84	43.0%	9	13	-34.5%
SOYBEAN MEAL	8,749	15,607.86	-43.9%	10,942.79	-20.1%	11,401	11,284	1.0%
SOYBEAN OIL	19,121	9,682.73	97.5%	13,340.32	43.3%	16,417	11,259	45.8%
SOYBN NEARBY+2 CAL SPRD	96	27.27	253.6%	14.21	578.6%	94	10	816.8%

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Ag Products Options								
SOYMEAL NEARBY+2 CAL SPRD	0	9.09	-100.0%	0	-	0	3	-100.0%
WHEAT	22	33.45	-33.3%	60.42	-63.1%	44	62	-29.1%
WHEAT-CORN ICISO	15	0.45	3248.2%	5.26	189.1%	8	1	644.9%
WHEAT NEARBY+2 CAL SPRD	5	22.95	-78.6%	8.84	-44.4%	23	29	-19.1%
TOTAL FUTURES GROUP								
Interest Rate Futures	7,615,094	11,436,727	-33.4%	10,747,698.58	-29.1%	8,174,604	10,107,950	-19.1%
Equity Index Futures	6,388,529	7,645,810	-16.4%	4,848,956.47	31.8%	5,447,669	5,488,288	-0.7%
Metals Futures	542,043	808,222.77	-32.9%	655,984.1	-17.4%	610,824	777,066	-21.4%
Energy Futures	2,006,023	3,229,466.59	-37.9%	2,361,373.53	-15.0%	2,102,682	2,871,731	-26.8%
FX Futures	914,635	1,354,142.23	-32.5%	770,548.47	18.7%	817,387	1,019,286	-19.8%
Ags Futures	102	172.73	-40.7%	143.95	-28.9%	180	141	27.5%
Ag Products Futures	954,153	1,304,253.95	-26.8%	1,316,178.79	-27.5%	1,178,002	1,275,873	-7.7%
TOTAL FUTURES	18,420,579	25,778,795.27	-28.5%	20,700,883.89	-11.0%	18,331,348.82	21,540,334.55	-14.9%
TOTAL OPTIONS GROUP								
Interest Rate Options	2,138,529	4,261,071.05	-49.8%	2,498,786.05	-14.4%	2,174,071	3,705,015	-41.3%
Equity Index Options	648,383	1,197,134.77	-45.8%	668,957.63	-3.1%	663,798	1,005,563	-34.0%
Metals Options	53,853	111,885.5	-51.9%	72,063.21	-25.3%	64,585	112,253	-42.5%
Energy Options	223,992	395,658.59	-43.4%	321,573.42	-30.3%	260,014	356,044	-27.0%
FX Options	31,873	60,360.55	-47.2%	37,488.32	-15.0%	34,320	59,454	-42.3%
Ag Products Options	220,152	272,300.36	-19.2%	266,915.05	-17.5%	298,908	234,460	27.5%
Foreign Exchange Options	26	30.23	-14.0%	53	-50.9%	43	53	-17.5%
TOTAL OPTIONS	3,316,808	6,298,441.05	-47.3%	3,865,836.68	-14.2%	3,495,739.8	5,472,842.36	-36.1%
TOTAL COMBINED								
FX	946,508	1,414,502.77	-33.1%	808,036.79	17.1%	851,707	1,078,741	-21.0%
Equity Index	7,036,912	8,842,944.77	-20.4%	5,517,914.11	27.5%	6,111,467	6,493,851	-5.9%
Interest Rate	9,753,623	15,697,798.05	-37.9%	13,246,484.63	-26.4%	10,348,675	13,812,965	-25.1%
Energy	2,230,015	3,625,125.18	-38.5%	2,682,946.95	-16.9%	2,362,696	3,227,775	-26.8%
Metals	595,895	920,108.27	-35.2%	728,047.32	-18.2%	675,410	889,319	-24.1%
Foreign Exchange	26	30.23	-14.0%	53	-50.9%	43	53	-17.5%
Ags	102	172.73	-40.7%	143.95	-28.9%	180	141	27.5%
Ag Products	1,174,305	1,576,554.32	-25.5%	1,583,093.84	-25.8%	1,476,910	1,510,333	-2.2%
GRAND TOTAL	21,737,387	32,077,236.32	-32.2%	24,566,720.58	-11.5%	21,827,088.62	27,013,176.9	-19.2%

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