

## CME Group Exchange ADV Report - Monthly

April 2020

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	ADV APR 2020	ADV APR 2019	% CHG	ADV MAR 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
<b>FX Futures</b>								
AD/CD CROSS RATES	1	0.9	-36.8%	0.59	-3.3%	1	1	-37.4%
AD/JY CROSS RATES	79	135.95	-41.8%	252.41	-68.7%	140	144	-2.3%
AD/NE CROSS RATES	11	5.19	118.3%	39.82	-71.5%	24	3	730.5%
AUSTRALIAN DOLLAR	68,065	93,625.9	-27.3%	149,830.27	-54.6%	110,385	103,085	7.1%
BP/JY CROSS RATES	110	94.43	16.3%	320.45	-65.7%	177	100	77.3%
BP/SF CROSS RATES	6	13.48	-55.8%	56.86	-89.5%	25	18	45.0%
BRAZIL REAL	8,279	7,116.57	16.3%	11,953.18	-30.7%	10,836	6,265	73.0%
BRITISH POUND	63,284	91,029.19	-30.5%	162,785.5	-61.1%	110,339	119,760	-7.9%
CANADIAN DOLLAR	58,590	73,253.57	-20.0%	123,829.23	-52.7%	87,246	75,455	15.6%
CD/JY CROSS RATES	0	2.24	-83.0%	6.32	-94.0%	4	1	362.1%
CHINESE RENMINBI (CNH)	568	794.71	-28.6%	1,330.05	-57.3%	937	1,161	-19.3%
CZECK KORUNA (EC)	0	0	-	0.41	-100.0%	0	0	38.3%
EC/AD CROSS RATES	170	119.86	42.2%	621.41	-72.6%	377	220	71.1%
EC/CD CROSS RATES	74	81.9	-10.2%	618.05	-88.1%	223	128	73.7%
EC/NOK CROSS RATES	39	18.19	116.0%	11.45	243.0%	17	20	-18.3%
EC/SEK CROSS RATES	14	8.33	62.3%	87.68	-84.6%	37	34	8.2%
EFX/BP CROSS RATES	1,943	2,632.19	-26.2%	7,834.86	-75.2%	3,963	4,467	-11.3%
EFX/JY CROSS RATES	1,665	1,472.48	13.1%	6,995.82	-76.2%	3,679	3,132	17.4%
EFX/SF CROSS RATES	1,618	1,419.48	14.0%	4,828.95	-66.5%	2,334	1,511	54.5%
E-MINI EURO FX	6,095	4,147.57	47.0%	13,994.27	-56.4%	6,983	4,480	55.9%
E-MINI JAPANESE YEN	1,124	349.1	222.1%	3,334.59	-66.3%	1,591	544	192.3%
EURO FX	138,570	186,448.95	-25.7%	361,061.45	-61.6%	227,784	206,119	10.5%
HUNGARIAN FORINT (US)	1	0.1	1400.6%	2.64	-45.8%	1	0	1513.0%
INDIAN RUPEE	906	2,778	-67.4%	1,529.91	-40.8%	1,462	3,684	-60.3%
JAPANESE YEN	72,248	101,264.38	-28.7%	222,131.09	-67.5%	155,669	118,454	31.4%
KOREAN WON	37	9.95	273.7%	55.32	-32.8%	48	27	82.3%
MEXICAN PESO	41,094	47,082.38	-12.7%	103,015.91	-60.1%	66,082	62,138	6.3%
MICRO AUD/USD	12,489	5,852.67	113.4%	17,238.14	-27.5%	9,979	6,120	63.1%
MICRO CAD/USD	1,396	718.14	94.4%	1,662.05	-16.0%	1,206	761	58.5%
MICRO CHF/USD	58	52.33	11.3%	206.55	-71.8%	182	88	108.3%
MICRO EUR/USD	20,120	12,535.19	60.5%	34,108.41	-41.0%	18,490	12,533	47.5%
MICRO GBP/USD	2,171	1,762.71	23.2%	2,509.86	-13.5%	2,321	2,372	-2.1%
MICRO INR/USD	93	219.71	-57.6%	92	1.2%	138	248	-44.6%
MICRO JPY/USD	1,290	928.52	38.9%	3,177.64	-59.4%	1,701	1,319	29.0%
NEW ZEALND DOLLAR	20,757	25,034.1	-17.1%	47,967	-56.7%	32,031	28,209	13.5%
NKR/USD CROSS RATE	91	174.48	-48.1%	527.86	-82.8%	345	190	82.2%
POLISH ZLOTY (EC)	1	7.57	-87.4%	6.68	-85.7%	2	5	-61.8%
POLISH ZLOTY (US)	15	3.38	349.3%	77.32	-80.4%	34	6	464.6%
RMB USD	0	0.05	0.0%	0.05	4.6%	0	0	97.1%
RUSSIAN RUBLE	4,667	1,639.33	184.7%	10,385.77	-55.1%	6,065	3,372	79.9%
S.AFRICAN RAND	3,511	958.43	266.3%	5,008.73	-29.9%	3,668	1,978	85.4%
SF/JY CROSS RATES	1	0	-	0.86	54.4%	2	0	2397.2%
SHEKEL	0	0	-	1.14	-100.0%	1	0	-
SKR/USD CROSS RATES	118	105.86	11.8%	415.23	-71.5%	238	151	57.6%
SWISS FRANC	18,054	24,490.62	-26.3%	54,115.55	-66.6%	33,604	24,561	36.8%
TURKISH LIRA	8	16.71	-51.3%	112.91	-92.8%	36	50	-28.7%
USDZAR	0	0	-	0	-	0	0	-100.0%

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<b>FX Options</b>								
AUD/USD MONDAY OPTION WEEK1	27	0	-	0	-	13	0	-
AUD/USD MONDAY OPTION WEEK2	17	0	-	3.14	449.6%	5	0	-
AUD/USD MONDAY OPTION WEEK3	1	0	-	17.82	-95.5%	5	0	-
AUD/USD MONDAY OPTION WEEK4	9	0	-	0	-	2	0	-
AUD/USD MONDAY OPTION WEEK5	0	0	-	4.68	-100.0%	1	0	-
AUD/USD MONTHLY OPTIONS	3,301	3,452.24	-4.4%	5,899.41	-44.0%	4,696	3,420	37.3%
AUD/USD WKLY FRIDAY OPTIONS -	139	0	-	4.09	3304.8%	36	99	-63.2%
AUD/USD WKLY FRIDAY OPTIONS -	80	360.95	-77.8%	365.73	-78.1%	306	187	63.9%
AUD/USD WKLY FRIDAY OPTIONS -	180	359.86	-50.0%	155.86	15.4%	229	325	-29.5%
AUD/USD WKLY FRIDAY OPTIONS -	143	352.43	-59.5%	143.41	-0.4%	236	385	-38.8%
AUD/USD WKLY FRIDAY OPTIONS -	46	0.1	47869.1%	0	-	69	95	-27.1%
AUD/USD WKLY WED OPTIONS - WK	54	95.95	-43.5%	70.23	-22.8%	76	101	-24.8%
AUD/USD WKLY WED OPTIONS - WK	53	178.81	-70.2%	51.91	2.7%	70	110	-37.0%
AUD/USD WKLY WED OPTIONS - WK	15	91.52	-83.3%	36.64	-58.3%	63	47	33.5%
AUD/USD WKLY WED OPTIONS - WK	75	124.67	-39.9%	6.36	1077.1%	95	72	33.0%
AUD/USD WKLY WED OPTIONS - WK	49	0	-	0	-	44	8	432.8%
BRL/USD MONTHLY OPTIONS	1	0	-	0.36	122.6%	1	0	-
CAD/USD MONDAY OPTIONS WEEK1	5	0	-	18.23	-72.6%	6	0	-
CAD/USD MONDAY OPTIONS WEEK2	0	0	-	4.55	-100.0%	1	0	-
CAD/USD MONDAY OPTIONS WEEK3	12	0	-	1.73	614.0%	5	0	-
CAD/USD MONDAY OPTIONS WEEK4	1	0	-	10.64	-94.6%	3	0	-
CAD/USD MONDAY OPTIONS WEEK5	0	0	-	4.64	-100.0%	1	0	-
CAD/USD MONTHLY OPTIONS	2,266	2,753.67	-17.7%	3,048.23	-25.7%	2,689	2,893	-7.0%
CAD/USD WKLY FRIDAY OPTIONS -	278	0	-	5.5	4959.7%	72	224	-67.8%
CAD/USD WKLY FRIDAY OPTIONS -	135	456.81	-70.5%	259.36	-48.0%	348	280	24.3%
CAD/USD WKLY FRIDAY OPTIONS -	196	594.62	-67.0%	201.55	-2.6%	313	504	-37.8%
CAD/USD WKLY FRIDAY OPTIONS -	359	985.19	-63.6%	110.18	225.4%	350	601	-41.8%
CAD/USD WKLY FRIDAY OPTIONS -	39	12.43	214.9%	0	-	138	125	10.1%
CAD/USD WKLY WED OPTIONS - WK	19	195.52	-90.2%	107.14	-82.1%	86	155	-44.7%
CAD/USD WKLY WED OPTIONS - WK	35	227.19	-84.5%	239.55	-85.3%	104	162	-35.9%
CAD/USD WKLY WED OPTIONS - WK	105	200.71	-47.7%	30.82	240.6%	102	140	-26.7%
CAD/USD WKLY WED OPTIONS - WK	112	217.67	-48.6%	97.18	15.1%	116	134	-13.1%
CAD/USD WKLY WED OPTIONS - WK	186	0	-	0	-	65	21	204.1%
CHF/USD MONTHLY OPTIONS	90	158.33	-43.3%	76.14	17.8%	191	99	92.0%
CHF/USD WKLY FRIDAY OPTIONS -	2	0	-	0.09	1731.5%	0	1	-66.2%
CHF/USD WKLY FRIDAY OPTIONS -	2	8.43	-80.8%	7.64	-78.8%	8	14	-43.6%
CHF/USD WKLY FRIDAY OPTIONS -	4	7.76	-48.5%	12.36	-67.6%	8	8	10.1%
CHF/USD WKLY FRIDAY OPTIONS -	2	10.81	-84.1%	10.55	-83.7%	6	6	-3.6%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	10	7	38.4%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	0	1	-100.0%
EUR/USD MONDAY OPTION WEEK1	43	0	-	0.5	8481.0%	24	0	-
EUR/USD MONDAY OPTION WEEK2	14	0	-	47.18	-71.3%	17	0	-
EUR/USD MONDAY OPTION WEEK3	14	0	-	65.68	-78.5%	25	0	-
EUR/USD MONDAY OPTION WEEK4	31	0	-	48.55	-36.6%	21	0	-
EUR/USD MONDAY OPTION WEEK5	0	0	-	73.14	-100.0%	19	0	-
EUR/USD MONTHLY OPTIONS	9,529	18,006.67	-47.1%	23,405.23	-59.3%	17,464	17,896	-2.4%
EUR/USD WKLY FRIDAY OPTIONS -	481	0	-	22	2085.7%	127	708	-82.0%
EUR/USD WKLY FRIDAY OPTIONS -	162	2,818.86	-94.3%	1,501.91	-89.2%	1,189	1,223	-2.8%
EUR/USD WKLY FRIDAY OPTIONS -	536	1,753.57	-69.4%	1,016.68	-47.3%	1,154	1,599	-27.8%

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<b>FX Options</b>								
EUR/USD WKLY FRIDAY OPTIONS -	486	2,225.43	-78.2%	664.64	-26.9%	1,205	2,193	-45.1%
EUR/USD WKLY FRIDAY OPTIONS -	40	71.86	-43.9%	0	-	280	426	-34.2%
EUR/USD WKLY WED OPTIONS - WK	72	559.52	-87.1%	664.82	-89.2%	457	498	-8.2%
EUR/USD WKLY WED OPTIONS - WK	171	769.9	-77.8%	571.82	-70.1%	460	625	-26.3%
EUR/USD WKLY WED OPTIONS - WK	149	552.05	-73.0%	449.68	-66.9%	409	536	-23.6%
EUR/USD WKLY WED OPTIONS - WK	98	815.33	-88.0%	461.18	-78.8%	409	632	-35.3%
EUR/USD WKLY WED OPTIONS - WK	226	0	-	0	-	172	150	14.9%
GBP/USD MONDAY OPTION WEEK1	8	0	-	0	-	10	0	-
GBP/USD MONDAY OPTION WEEK2	22	0	-	0.09	24232.9%	6	0	-
GBP/USD MONDAY OPTION WEEK3	11	0	-	13.14	-13.0%	6	0	-
GBP/USD MONDAY OPTION WEEK4	44	0	-	0	-	11	0	-
GBP/USD MONDAY OPTION WEEK5	0	0	-	18.23	-100.0%	5	0	-
GBP/USD MONTHLY OPTIONS	2,966	6,534.67	-54.6%	5,709.41	-48.1%	4,743	7,325	-35.2%
GBP/USD WKLY FRIDAY OPTIONS -	138	0	-	16.23	750.4%	39	276	-85.8%
GBP/USD WKLY FRIDAY OPTIONS -	46	674.29	-93.2%	171.59	-73.2%	195	294	-33.6%
GBP/USD WKLY FRIDAY OPTIONS -	75	461.29	-83.8%	85.14	-12.2%	149	501	-70.2%
GBP/USD WKLY FRIDAY OPTIONS -	108	305.43	-64.6%	94.95	14.0%	213	518	-58.8%
GBP/USD WKLY FRIDAY OPTIONS -	27	0.05	56622.7%	0	-	81	211	-61.8%
GBP/USD WKLY WED OPTIONS - WK	81	104.19	-21.8%	71	14.8%	112	188	-40.3%
GBP/USD WKLY WED OPTIONS - WK	52	137.48	-62.0%	27.73	88.2%	44	178	-75.0%
GBP/USD WKLY WED OPTIONS - WK	49	218.86	-77.8%	14.64	232.5%	86	227	-62.3%
GBP/USD WKLY WED OPTIONS - WK	2	34.14	-94.4%	16.45	-88.4%	73	190	-61.5%
GBP/USD WKLY WED OPTIONS - WK	37	0	-	0	-	63	74	-15.4%
JPY/USD MONDAY OPTION WEEK1	3	0	-	7.95	-58.7%	27	0	-
JPY/USD MONDAY OPTION WEEK2	24	0	-	6.18	294.4%	15	0	-
JPY/USD MONDAY OPTION WEEK3	5	0	-	42.41	-88.0%	13	0	-
JPY/USD MONDAY OPTION WEEK4	36	0	-	17.5	105.2%	15	0	-
JPY/USD MONDAY OPTION WEEK5	0	0	-	6.91	-100.0%	2	0	-
JPY/USD MONTHLY OPTIONS	5,855	8,093.95	-27.7%	9,817.59	-40.4%	8,471	6,443	31.5%
JPY/USD WKLY FRIDAY OPTIONS -	284	0	-	5.18	5386.2%	73	349	-79.0%
JPY/USD WKLY FRIDAY OPTIONS -	197	837.67	-76.5%	863.41	-77.2%	759	421	80.5%
JPY/USD WKLY FRIDAY OPTIONS -	286	493.33	-42.0%	1,053.59	-72.9%	790	730	8.2%
JPY/USD WKLY FRIDAY OPTIONS -	470	1,029.38	-54.3%	329.86	42.5%	644	846	-23.9%
JPY/USD WKLY FRIDAY OPTIONS -	40	9	340.2%	0	-	198	182	8.4%
JPY/USD WKLY WED OPTIONS - WK	83	234.67	-64.7%	188.41	-56.0%	342	162	110.4%
JPY/USD WKLY WED OPTIONS - WK	86	245	-64.9%	470.73	-81.7%	262	201	30.4%
JPY/USD WKLY WED OPTIONS - WK	182	63.9	184.6%	612.95	-70.3%	327	129	153.8%
JPY/USD WKLY WED OPTIONS - WK	116	298.71	-61.2%	623.18	-81.4%	358	194	84.2%
JPY/USD WKLY WED OPTIONS - WK	99	0	-	0	-	91	22	319.8%
MXN/USD MONTHLY OPTIONS	12	48.43	-74.5%	28.09	-56.1%	97	73	32.6%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-
MXN/USD WKLY FRIDAY OPTIONS -	0	0.1	-100.0%	0	-	0	2	-100.0%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	7	0	-
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	1	0	-
NZD/USD MONTHLY OPTIONS	0	3.19	-100.0%	30	-100.0%	52	24	114.2%
NZD/USD WKLY FRIDAY OPTIONS -	0	5.71	-100.0%	2.27	-100.0%	1	1	-58.8%
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	3	-100.0%
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	17.05	-100.0%	5	0	-

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<b>FX Options</b>								
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-
<b>Equity Index Futures</b>								
BITCOIN FUTURES	5,907	9,907.43	-40.4%	7,525.77	-21.5%	8,536	5,787	47.5%
DJ US REAL ESTATE	3,080	1,395.43	120.7%	8,736.45	-64.7%	3,934	1,970	99.7%
E-mini (\$5) Dow	207,126	159,686.95	29.7%	383,279.32	-46.0%	290,749	205,294	41.6%
E-MINI COM SERVICES SELECT SEC	69	83.76	-17.5%	630.91	-89.0%	263	261	0.8%
E-mini FTSE 100 (USD)	0	0	-	0	-	0	4	-100.0%
E-mini FTSE China 50	0	0.14	-100.0%	0	-	0	8	-100.0%
E-MINI MIDCAP	11,211	10,798.24	3.8%	35,297.18	-68.2%	20,658	16,060	28.6%
E-MINI NASDAQ 100	440,379	388,432.76	13.4%	793,085.23	-44.5%	653,895	457,448	42.9%
E-MINI RUSSELL 1000	100	159.95	-37.3%	1,240.77	-91.9%	473	365	29.4%
E-MINI RUSSELL 1000 GROWTH	69	113.19	-39.0%	586.23	-88.2%	320	248	29.1%
E-MINI RUSSELL 1000 VALUE	272	475.95	-42.8%	772.27	-64.8%	451	866	-47.9%
E-MINI RUSSELL 2000	183,395	106,771.76	71.8%	325,425.05	-43.6%	216,632	137,414	57.6%
E-MINI S&P500	1,819,386	1,137,815.05	59.9%	3,585,887.59	-49.3%	2,411,852	1,487,603	62.1%
E-MINI S&P REAL ESTATE SELECT S	151	192.57	-21.4%	1,199.23	-87.4%	753	193	289.6%
FT-SE 100	0	0	-	0	-	0	5	-100.0%
FTSE Emerging	4	117.95	-96.8%	37.64	-90.0%	53	113	-53.4%
IBOVESPA INDEX	29	30.81	-6.8%	20.5	40.1%	33	36	-10.2%
MICRO E-MINI NASDAQ 100	566,299	0	-	849,207.91	-33.3%	551,500	0	-
MICRO E-MINI RUSSELL 2000	90,145	0	-	123,780.91	-27.2%	81,408	0	-
MICRO E-MINI S&P500	944,071	0	-	1,141,164.23	-17.3%	752,258	0	-
MICRO MINI \$5 DOW	143,981	0	-	222,011	-35.1%	136,540	0	-
NASDAQ BIOTECH	1	19.67	-94.4%	53.41	-97.9%	35	9	292.4%
Nearby BTIC+	0	0	-	44.41	-100.0%	14	0	-
NIKKEI 225 (\$) STOCK	5,887	7,106.57	-17.2%	19,917.95	-70.4%	13,364	9,988	33.8%
NIKKEI 225 (YEN) STOCK	38,074	26,789.76	42.1%	107,136.27	-64.5%	65,691	33,365	96.9%
S&P 500	6,181	3,776.71	63.7%	15,865.86	-61.0%	8,622	5,389	60.0%
S&P 500 ANNUAL DIVIDEND INDEX F	3,440	1,159.52	196.6%	5,029.27	-31.6%	3,761	1,173	220.7%
S&P 500/GI	0	0	-	0	-	0	0	-100.0%
S&P 500 QUARLY DIVIDEND INDEX F	46	7.62	507.5%	65.05	-28.8%	38	6	515.8%
S&P 600 SMALLCAP EMINI	27	0	-	0	-	7	0	-
S&P CONSUMER DSCRTNRY SECTC	205	186.76	10.0%	1,074.36	-80.9%	547	491	11.4%
S&P CONSUMER STAPLES SECTOR	653	365.71	78.4%	1,934.91	-66.3%	1,215	1,002	21.3%
S&P ENERGY SECTOR	883	449.71	96.4%	2,734.68	-67.7%	1,471	1,022	43.9%
S&P FINANCIAL SECTOR	546	1,317.43	-58.5%	3,227.68	-83.1%	1,609	1,570	2.5%
S&P HEALTH CARE SECTOR	339	605.1	-44.0%	1,815.23	-81.3%	982	981	0.1%
S&P INDUSTRIAL SECTOR	322	456.81	-29.5%	1,355.32	-76.2%	694	783	-11.4%
S&P MATERIALS SECTOR	206	711.71	-71.0%	658.32	-68.7%	456	602	-24.2%
S&P TECHNOLOGY SECTOR	204	295	-30.8%	1,869.59	-89.1%	856	817	4.8%
S&P UTILITIES SECTOR	362	1,129.71	-68.0%	2,670.82	-86.5%	1,401	1,560	-10.2%
S&P VALUE INDEX FUTURES	0	0	-	0	-	0	0	-100.0%
YEN DENOMINATED TOPIX	335	894.86	-62.6%	468.68	-28.5%	437	624	-29.9%

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	ADV APR 2020	ADV APR 2019	% CHG	ADV MAR 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
<b>Equity Index Options</b>								
BITCOIN FUTURES	8	0	-	9.14	-7.2%	12	0	-
E-mini (\$5) Dow	99	124.57	-20.6%	262.18	-62.3%	174	242	-28.4%
E-MINI NASDAQ 100	9,378	8,090.95	15.9%	15,279.5	-38.6%	17,274	9,559	80.7%
E-MINI RUSSELL 2000	306	448.71	-31.7%	978.91	-68.7%	852	506	68.3%
E-MINI S&P500	260,117	157,635.14	65.0%	685,727.91	-62.1%	436,171	204,729	113.0%
EOM E-MINI RUSSELL 2000 END OF	278	301.62	-7.9%	353.36	-21.4%	363	325	11.7%
EOM EMINI S&P	69,176	58,271.14	18.7%	103,102.41	-32.9%	122,917	79,271	55.1%
EOM S&P 500	2,596	5,833.1	-55.5%	1,762.14	47.3%	4,698	6,116	-23.2%
EOW1 E-MINI RUSSELL 2000 WEEKL	74	203.95	-63.7%	436.27	-83.0%	294	130	125.7%
EOW1 EMINI S&P 500	43,282	38,747.14	11.7%	72,007.68	-39.9%	60,801	38,148	59.4%
EOW1 S&P 500	1,896	3,323.38	-42.9%	3,129	-39.4%	2,656	3,176	-16.4%
EOW2 E-MINI RUSSELL 2000 WEEKL	64	154.95	-58.7%	68.91	-7.1%	164	125	31.0%
EOW2 EMINI S&P 500	38,242	29,172.52	31.1%	66,978.59	-42.9%	56,588	41,498	36.4%
EOW2 S&P 500	3,996	4,852.05	-17.6%	4,779.09	-16.4%	4,552	6,517	-30.1%
EOW3 E-MINI RUSSELL 2000 WEEKL	798	718.9	11.0%	1,207.77	-34.0%	1,107	469	136.2%
EOW3 EMINI S&P 500	121,437	100,593.67	20.7%	178,502.41	-32.0%	143,388	113,041	26.8%
EOW3 S&P 500	5,172	6,385.9	-19.0%	2,532.09	104.2%	4,866	6,912	-29.6%
EOW4 E-MINI RUSSELL 2000 WEEKL	112	157.95	-29.3%	80.68	38.3%	121	146	-17.0%
EOW4 EMINI S&P 500	42,974	32,027.38	34.2%	49,982	-14.0%	36,985	45,031	-17.9%
S&P 500	3,197	8,186.43	-60.9%	9,946.82	-67.9%	9,772	11,359	-14.0%
<b>Interest Rate Futures</b>								
10-YR NOTE	1,090,599	1,298,185.24	-16.0%	2,254,022.55	-51.6%	2,110,997	1,648,071	28.1%
10-YR SWAP RATE	1,844	1,291.05	42.8%	12,813.27	-85.6%	4,743	2,757	72.0%
15-YR SWAP RATE	0	0	-	0	-	0	67	-100.0%
1-MONTH EUROSOLLAR	12	0.24	4759.9%	4.05	186.0%	4	1	191.5%
20-YR SWAP RATE	0	0	-	0	-	0	1	-100.0%
2-YR NOTE	360,973	445,595.71	-19.0%	901,135.91	-59.9%	782,478	614,633	27.3%
2-YR SWAP RATE	33	1,441.24	-97.7%	3,126.45	-98.9%	1,327	1,941	-31.6%
30-YR BOND	204,067	227,804.62	-10.4%	458,420.36	-55.5%	417,350	321,821	29.7%
30-YR SWAP RATE	1	48.1	-97.4%	10.05	-87.7%	13	35	-64.1%
3-YR SWAP RATE	187	354.19	-47.2%	360.09	-48.0%	266	473	-43.7%
4-YR SWAP RATE	23	915.24	-97.5%	167.27	-86.1%	78	392	-80.1%
5-YR NOTE	633,723	762,802.1	-16.9%	1,520,429.09	-58.3%	1,257,450	1,088,443	15.5%
5-YR SWAP RATE	2,656	2,057.57	29.1%	7,477.64	-64.5%	3,723	3,374	10.4%
7-YR SWAP RATE	33	76.43	-57.1%	244.91	-86.6%	135	179	-24.6%
EUROSOLLARS	1,909,577	2,392,626.52	-20.2%	4,958,048.82	-61.5%	3,174,412	2,767,892	14.7%
FED FUND	206,894	287,444.29	-28.0%	652,212.77	-68.3%	426,241	277,690	53.5%
SOFR	28,267	22,658.38	24.8%	62,216.82	-54.6%	49,291	27,611	78.5%
SONIA	5,497	9,055.76	-39.3%	142.55	3756.1%	6,307	7,939	-20.6%
Ultra 10-Year Note	172,561	155,002.62	11.3%	358,680.55	-51.9%	287,726	191,046	50.6%
ULTRA T-BOND	130,000	117,312.71	10.8%	247,213.86	-47.4%	229,011	172,132	33.0%

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<b>Interest Rate Options</b>								
10-YR NOTE	328,375	557,002	-41.0%	751,827.77	-56.3%	739,502	613,319	20.6%
2-YR NOTE	15,951	20,559.57	-22.4%	25,452.59	-37.3%	18,590	20,998	-11.5%
30-YR BOND	64,665	113,118.19	-42.8%	146,082.18	-55.7%	147,277	126,387	16.5%
5-YR NOTE	142,972	212,458.05	-32.7%	354,581.05	-59.7%	220,775	202,155	9.2%
EURODOLLARS	1,229,063	821,394.43	49.6%	2,478,587.95	-50.4%	1,729,293	962,472	79.7%
EURO MIDCURVE	280,079	604,711.43	-53.7%	504,405.18	-44.5%	433,185	682,310	-36.5%
FED FUND	29	0	-	77.41	-62.8%	131	6	2276.1%
SOFR	11	0	-	10.68	1.2%	6	0	-
Ultra 10-Year Note	0	81.9	-100.0%	5.41	-100.0%	193	138	40.0%
ULTRA T-BOND	20	215.43	-90.9%	40.82	-51.9%	148	587	-74.8%

### Energy Futures

3.5% FUEL OIL CID MED SWA	0	0.24	-100.0%	0	-	0	0	97.5%
3.5% FUEL OIL CIF BALMO S	0	0	-	0	-	0	0	-100.0%
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
ANR OKLAHOMA	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	361	583.38	-38.2%	433.09	-16.7%	349	729	-52.1%
ARGUS PROPAN FAR EST INDE	258	320.86	-19.4%	321.68	-19.6%	283	320	-11.4%
ARGUS PROPAN(SAUDI ARAMCO	143	167.43	-14.6%	124.32	15.0%	134	153	-12.0%
AUSTRIALIAN COKE COAL	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	0	17.38	-100.0%	33.64	-100.0%	13	9	49.6%
BRENT CALENDAR SWAP	559	101.81	449.5%	831.55	-32.7%	566	151	274.5%
BRENT FINANCIAL FUTURES	0	166.67	-100.0%	2.27	-100.0%	2	86	-97.4%
BRENT OIL LAST DAY	147,925	114,065.43	29.7%	171,857.68	-13.9%	153,972	90,874	69.4%
CENTERPOINT BASIS SWAP	0	0	-	0	-	0	0	-
CHICAGO ETHANOL SWAP	3,464	5,245.19	-34.0%	6,056.73	-42.8%	4,406	5,303	-16.9%
CHICAGO ULSD PL VS HO SPR	53	11.9	346.0%	99.41	-46.6%	62	25	143.2%
CHICAGO UNL GAS PL VS RBO	0	7.62	-100.0%	6.59	-100.0%	4	8	-54.6%
CIG BASIS	0	0	-	0	-	0	0	-
CINERGY HUB OFF-PEAK MONT	0	0	-	0	-	0	0	-
CINERGY HUB PEAK MONTH	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH PK	0	0	-	0	-	14	27	-49.7%
CIN HUB 5MW REAL TIME O P	0	0	-	0	-	0	48	-100.0%
CIN HUB 5MW REAL TIME PK	0	0	-	0	-	0	4	-100.0%
COAL SWAP	0	0	-	0	-	0	0	-
COLUMB GULF MAINLINE NG B	0	17.33	-100.0%	0	-	0	4	-100.0%
CONWAY NATURAL GASOLINE (OPI	3	6.67	-50.7%	26.14	-87.4%	19	12	62.3%
CONWAY NORMAL BUTANE (OPIS) S	9	14.76	-41.9%	2.27	277.1%	9	10	-8.4%
CONWAY PROPANE 5 DECIMALS S	1,097	686.71	59.8%	1,052.09	4.3%	933	693	34.7%
CRUDE OIL	194	205.43	-5.7%	0	-	73	354	-79.5%
CRUDE OIL OUTRIGHTS	5,302	3,552.19	49.3%	8,735.77	-39.3%	5,370	3,307	62.4%
CRUDE OIL PHY	1,873,909	1,316,723.19	42.3%	1,859,899.77	0.8%	1,620,523	1,222,054	32.6%
CRUDE OIL SPRDS	1,532	1,292.24	18.5%	2,378.91	-35.6%	1,692	1,023	65.5%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
DAILY PJM	0	0	-	0	-	0	0	-
DATED BRENT (PLATTS) DAILY SWA	0	0	-	29.09	-100.0%	8	0	-

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<b>Energy Futures</b>								
DATED TO FRONTLINE BRENT	12	14.29	-18.7%	0	-	3	11	-73.2%
DOMINION TRAN INC - APP I	0	0	-	0	-	0	0	-
DOMINION TRANSMISSION INC	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL BALMO	0	0	-	13.64	-100.0%	4	0	-
DUBAI CRUDE OIL CALENDAR	189	22.38	744.7%	303.64	-37.7%	128	192	-33.3%
DUTCH TTF NATURAL GAS CAL MO	1,800	185.14	872.1%	2,368.14	-24.0%	1,766	381	363.9%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	38	1.86	1961.6%	35.27	8.5%	51	13	291.2%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ELEC MISO PEAK	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-	0	0	-
ETHANOL	106	395.19	-73.1%	128.45	-17.3%	121	486	-75.1%
ETHANOL SWAP	8	7.38	3.2%	1.82	319.0%	6	4	36.1%
ETHANOL T2 FOB ROTT INCL DUTY	142	149	-4.8%	477.64	-70.3%	276	202	36.4%
EURO 1% FUEL OIL NEW BALM	0	0	-	0	-	0	0	-
EURO 3.5% FUEL OIL RDAM B	0	1.33	-100.0%	0	-	0	2	-80.0%
EURO 3.5% FUEL OIL SPREAD	0	1.9	-100.0%	0.23	-100.0%	0	1	-74.4%
EURO GASOIL 10PPM VS ICE	0	0	-	0	-	1	0	-
EUROPE 1% FUEL OIL NWE CA	0	0.43	-100.0%	0	-	0	1	-100.0%
EUROPE 1% FUEL OIL RDAM C	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL MED	0	0.62	-100.0%	0	-	0	3	-87.2%
EUROPE 3.5% FUEL OIL RDAM	9	57.05	-84.5%	27.14	-67.4%	19	67	-71.8%
EUROPEAN GASOIL (ICE)	2	0	-	2.86	-25.2%	4	5	-30.1%
EUROPEAN NAPHTHA BALMO	0	6.1	-94.5%	0	-	0	11	-98.1%
EUROPEAN NAPHTHA CRACK SPR	50	228.9	-78.0%	160.41	-68.6%	99	267	-62.8%
EUROPE DATED BRENT SWAP	0	2.38	-100.0%	0	-	0	10	-100.0%
EUROPE JET KERO NWE CALSW	0	0.24	-100.0%	0	-	0	0	-100.0%
EUROPE NAPHTHA CALSWAP	26	121.33	-78.8%	32.45	-20.9%	33	120	-72.7%
EURO PROPANE CIF ARA SWA	79	105.1	-24.6%	117.32	-32.4%	106	104	2.2%
FREIGHT MARKETS	48	22.38	115.5%	50.73	-4.9%	34	40	-15.2%
FUEL OIL CRACK VS ICE	16	92.86	-83.1%	20.55	-23.5%	22	72	-69.7%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	0	0	-100.0%
FUEL OIL (PLATS) CAR CM	0	0	-	0	-	0	0	-
FUEL OIL (PLATS) CAR CN	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	0	4.05	-91.8%	0.27	22.2%	1	10	-93.8%
GAS EURO-BOB OXY NWE BARGES	72	334.19	-78.4%	158.23	-54.4%	113	375	-69.8%
GAS EURO-BOB OXY NWE BARGES	477	504.86	-5.6%	304.09	56.7%	394	508	-22.4%
GASOIL 0.1 CIF NWE VS ISE	0	0.24	-100.0%	0	-	0	0	-100.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0	-	0	0	-100.0%
GASOIL 0.1 ROTTERDAM BARG	1	2.33	-49.0%	0.23	423.8%	1	1	-25.6%
GASOIL 10PPM VS ICE SWAP	0	0	-	0	-	0	0	-100.0%
GASOIL CALENDAR SWAP	2	0	-	5.59	-69.3%	2	1	267.8%
GASOIL CRACK SPREAD CALEN	2	0	-	0	-	135	6	2296.6%
GASOIL MINI CALENDAR SWAP	25	11.81	111.7%	53.09	-52.9%	36	10	250.6%
GERMAN POWER BASELOAD CAL M	24	119.14	-80.1%	13.59	74.5%	107	103	4.1%
GROUP THREE ULSD (PLATTS)	0	0	-	0	-	0	0	-
GROUP THREE UNLEAD GAS (P	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	287	81.67	251.4%	210.64	36.2%	222	126	75.6%

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<b>Energy Futures</b>								
GRP THREE UNL GS (PLT) VS	145	181.38	-19.8%	203.86	-28.6%	173	176	-2.0%
GULF COAST 3% FUEL OIL BA	13	32.62	-60.3%	8.18	58.3%	25	41	-38.0%
GULF COAST JET FUEL CLNDR	21	0	-	10.23	109.5%	11	3	235.2%
GULF COAST JET VS NYM 2 H	918	949.76	-3.3%	1,403.36	-34.6%	1,100	924	19.0%
GULF COAST NO.6 FUEL OIL	531	1,163.1	-54.3%	1,311.59	-59.5%	925	1,285	-28.0%
GULF COAST ULSD CALENDAR	99	7.81	1162.2%	38	159.4%	55	16	255.8%
GULF COAST ULSD CRACK SPR	0	0	-	10.91	-100.0%	13	0	-
HEATING OIL BALMO CLNDR S	26	1.67	1434.3%	22.73	12.5%	13	1	2341.3%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	0	-
HEATING OIL PHY	184,791	142,807.57	29.4%	231,885.73	-20.3%	227,032	156,739	44.8%
HENRY HUB BASIS SWAP	0	218.48	-100.0%	194.55	-100.0%	52	56	-7.8%
HENRY HUB INDEX SWAP FUTU	0	218.48	-100.0%	194.55	-100.0%	72	56	29.0%
HENRY HUB SWAP	3,713	5,567.81	-33.3%	3,391.95	9.5%	3,926	6,052	-35.1%
HOUSTON SHIP CHANNEL BASI	0	35.05	-100.0%	0	-	0	9	-100.0%
HTG OIL	2	2.29	0.0%	0	-	1	1	-1.2%
ICE BRENT DUBAI SWAP	235	205.95	14.2%	490.82	-52.1%	303	237	27.7%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	12	8.19	48.3%	15.5	-21.7%	9	20	-51.6%
JAPAN C&F NAPHTHA CRACK S	0	8.05	-100.0%	6.82	-100.0%	2	2	-12.3%
JAPAN C&F NAPHTHA SWAP	7	77.19	-90.5%	8.68	-15.5%	10	73	-86.9%
JAPAN NAPHTHA BALMO SWAP	0	0.24	-100.0%	0	-	0	3	-90.0%
JET AV FUEL (P) CAR FM ICE GAS S	0	0	-	0	-	0	0	-
JET CIF NWE VS ICE	0	0	-	0	-	0	1	-100.0%
JET FUEL CRG CIF NEW VS I	0	0	-	0	-	0	0	-
JET FUEL UP-DOWN BALMO CL	98	230	-57.5%	97.82	-0.1%	114	177	-35.6%
JKM LNG Futures	0	37.71	-100.0%	0.23	-100.0%	29	74	-61.4%
LA CARB DIESEL (OPIS) SWA	35	0	-	37.5	-5.4%	26	3	654.0%
LA CARBOB GASOLINE(OPIS)S	8	4.76	75.0%	3.41	144.4%	7	20	-67.6%
LA JET (OPIS) SWAP	25	81.9	-69.8%	29.55	-16.2%	44	67	-35.0%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	231	222.9	3.5%	7.5	2976.2%	77	169	-54.4%
LOS ANGELES CARB GASOLINE	0	0	-	0	-	0	0	-
LTD NAT GAS	12,830	13,835.19	-7.3%	10,897.5	17.7%	12,085	15,899	-24.0%
MARS (ARGUS) VS WTI SWAP	0	26.67	-100.0%	0	-	30	97	-69.2%
MARS (ARGUS) VS WTI TRD M	574	1,037.71	-44.7%	1,204.95	-52.4%	787	1,050	-25.1%
MCCLOSKEY ARA ARGS COAL	1,149	1,240.24	-7.4%	1,100.82	4.4%	1,262	1,356	-6.9%
MCCLOSKEY RCH BAY COAL	58	110.81	-47.3%	61.64	-5.3%	71	131	-46.3%
MGF FUT	0	0	-	0	-	0	0	-
MGN1 SWAP FUT	1	0	-	3.18	-55.1%	3	2	39.5%
MICHIGAN BASIS	0	0	-	0	-	0	0	-
MICHIGAN MISO	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	0	3.19	-86.6%	2.05	-79.0%	1	9	-87.9%
MINI RBOB V. EBOBARG NWE BRGS	8	55.9	-85.5%	15.91	-49.1%	10	34	-70.0%
MINI RBOB V. EBOB(ARGUS) NWE B	24	128.71	-81.5%	27.95	-14.7%	38	102	-63.3%
MINY HTG OIL	0	0.19	-25.0%	0.23	-37.1%	0	0	41.2%
MINY NATURAL GAS	6,175	988.62	524.6%	3,124.59	97.6%	3,464	1,294	167.7%
MINY RBOB GAS	0	0.14	99.9%	0.45	-37.1%	0	0	15.2%
MINY WTI CRUDE OIL	81,169	14,263.57	469.1%	63,336.41	28.2%	50,539	18,965	166.5%
MJC FUT	0	0	-	0	-	0	1	-100.0%

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<b>Energy Futures</b>								
MNC FUT	69	195.67	-64.6%	118.5	-41.5%	90	212	-57.4%
MONT BELVIEU ETHANE 5 DECIMAL	808	712.57	13.4%	884.5	-8.6%	840	680	23.4%
MONT BELVIEU ETHANE OPIS BALM	7	7.1	2.7%	4.09	78.1%	4	9	-52.5%
MONT BELVIEU LDH PROPANE 5 DE	10,257	8,225.67	24.7%	10,198.82	0.6%	9,651	6,835	41.2%
MONT BELVIEU LDH PROPANE OPIS	165	53.62	208.2%	122.32	35.1%	158	157	0.2%
MONT BELVIEU NATURAL GASOLIN	2,373	391.76	505.8%	2,973.64	-20.2%	1,994	398	401.2%
MONT BELVIEU NATURAL GASOLIN	54	14.76	262.6%	46.91	14.1%	42	31	37.2%
MONT BELVIEU NORMAL BUTANE 5	3,848	2,123	81.3%	4,094.68	-6.0%	3,725	1,827	104.0%
MONT BELVIEU NORMAL BUTANE B	120	59.38	101.9%	69.18	73.3%	77	71	8.7%
NAT GAS BASIS SWAP	0	0	-	0	-	0	0	-
NATURAL GAS	9,012	5,052.9	78.4%	8,488.14	6.2%	8,001	5,397	48.2%
NATURAL GAS PEN SWP	3,967	1,477.38	168.5%	3,256.59	21.8%	2,721	1,352	101.3%
NATURAL GAS PHY	527,468	330,666.71	59.5%	550,825.05	-4.2%	561,748	359,973	56.1%
NEPOOL INTR HUB 5MW D AH	0	0	-	0	-	178	202	-11.9%
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	26	14.52	82.0%	36.82	-28.2%	38	32	21.1%
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	15	-100.0%
NGPL TEX/OK	0	122.67	-100.0%	0	-	0	31	-100.0%
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	0	0	-	0	-	3	7	-61.3%
NORTHERN NATURAL GAS DEMAR	0	0	-	0	-	0	0	-
NORTHERN NATURAL GAS VENTU	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	0	0	-	0	-	0	38	-100.0%
N ROCKIES PIPE SWAP	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	32	7.14	346.7%	31.23	2.2%	25	22	14.1%
NY 3.0% FUEL OIL (PLATTS	0	3.57	-100.0%	0	-	0	6	-100.0%
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	135	23.33	476.5%	381.36	-64.7%	240	75	218.6%
NY HARBOR LOW SULPUR GAS 100C	0	3.57	-100.0%	0	-	0	5	-100.0%
NY HARBOR RESIDUAL FUEL 1	51	51.57	-1.0%	81.09	-37.0%	69	48	42.2%
NY HARBOR RESIDUAL FUEL C	0	0	-	0	-	0	0	-
NYH NO 2 CRACK SPREAD CAL	54	22.86	136.5%	109.09	-50.5%	72	16	341.5%
NYISO CAPACITY	0	0	-	0	-	0	4	-100.0%
NYISO ZONE A 5MW D AH O P	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH PK	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	0	388.57	-100.0%	0	-	0	167	-100.0%
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	10	0	-	0	-	6	18	-65.9%
NY ULSD (ARGUS) VS HEATING OIL	36	35.71	0.0%	67.5	-47.1%	33	14	130.4%
ONEOK OKLAHOMA NG BASIS	0	0	-	0	-	0	0	-
ONTARIO POWER SWAPS	0	0	-	0	-	0	0	-
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>								
PERMIAN BASIS SWAP	0	0	-	0	-	0	0	-
PETROCHEMICALS	165	161.48	2.2%	129.05	27.9%	150	161	-6.9%
PETRO CRCKS & SPRDS ASIA	0	4.86	-100.0%	0	-	2	2	14.0%
PETRO CRCKS & SPRDS NA	1,703	2,273.81	-25.1%	2,384.68	-28.6%	1,936	2,126	-9.0%
PETRO CRK&SPRD EURO	36	194.29	-81.2%	62.41	-41.6%	74	210	-64.6%
PETROLEUM PRODUCTS	64	162.62	-60.7%	142.5	-55.1%	117	165	-29.2%
PETROLEUM PRODUCTS ASIA	22	66.29	-66.4%	22.95	-2.9%	26	81	-67.9%
PETRO OUTRIGHT EURO	245	179.43	36.3%	234.59	4.3%	245	190	28.8%
PETRO OUTRIGHT NA	129	275.38	-53.2%	191.91	-32.9%	159	291	-45.5%
PJM AD HUB 5MW REAL TIME	0	0	-	0	-	0	871	-100.0%
PJM BGE DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM BGE DA PEAK	0	0	-	0	-	0	0	-
PJM COMED 5MW D AH O PK	0	0	-	0	-	0	0	-
PJM COMED 5MW D AH PK	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 NILL DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM NILL DA PEAK	0	0	-	0	-	0	0	-
PJM OFF-PEAK LMP SWAP FUT	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	-
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	285	-100.0%
PJM WESTH RT PEAK	0	204.57	-100.0%	0	-	107	244	-56.0%
PLASTICS	43	21.9	97.4%	69.45	-37.7%	47	41	15.2%
PREMIUM UNLND 10P FOB MED	0	5.62	-100.0%	3.82	-100.0%	2	8	-76.3%
PREMIUM UNLEAD 10PPM FOB	0	0	-	0	-	0	0	-100.0%
PREM UNL GAS 10PPM RDAM FOB B	0	0	-	0	-	0	0	-100.0%
PREM UNL GAS 10PPM RDAM FOB S	0	0	-	0	-	0	0	-100.0%
PROPANE NON-LDH MB (OPIS) BAL	84	53.52	56.6%	72.18	16.1%	101	100	1.5%
PROPANE NON-LDH MT. BEL (OPIS)	1,089	857.19	27.1%	803	35.7%	1,119	884	26.6%
RBOB CALENDAR SWAP	367	428.29	-14.3%	247.82	48.1%	284	299	-5.0%
RBOB CRACK SPREAD	46	95.95	-51.6%	106.36	-56.3%	81	55	46.0%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-	0	0	-
RBOB GAS	3	2.86	0.0%	0	-	1	1	-1.2%
RBOB GASOLINE BALMO CLNDR	59	76.1	-22.3%	32.27	83.1%	30	52	-42.1%
RBOB PHY	187,430	249,707.81	-24.9%	255,716.5	-26.7%	228,674	218,066	4.9%
RBOB VS HEATING OIL SWAP	42	0	-	54.55	-22.3%	29	1	3048.4%
SAN JUAN BASIS SWAP	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	0	1.24	-100.0%	0	-	0	1	-35.7%
SINGAPORE 380CST BALMO	0	3.95	-97.6%	0	-	0	2	-80.5%
SINGAPORE 380CST FUEL OIL	11	122.95	-90.7%	18.59	-38.3%	18	151	-88.3%
SINGAPORE FUEL 180CST CAL	0	23.14	-97.9%	0.23	109.5%	2	16	-90.0%

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<b>Energy Futures</b>								
SINGAPORE FUEL OIL SPREAD	0	0.71	-100.0%	0	-	1	3	-67.7%
SINGAPORE GASOIL	33	230.76	-85.9%	43.55	-25.1%	43	266	-83.9%
SINGAPORE GASOIL CALENDAR	34	0.9	3663.0%	41.64	-18.2%	48	8	474.7%
SINGAPORE GASOIL SWAP	89	65.9	35.0%	37.82	135.2%	70	60	16.0%
SINGAPORE GASOIL VS ICE	6	0	-	5.32	20.9%	3	53	-94.3%
SINGAPORE JET KERO BALMO	0	0	-	4.18	-100.0%	4	0	-
SINGAPORE JET KERO GASOIL	0	0	-	0	-	0	1	-100.0%
SINGAPORE JET KEROSENE SW	9	44.76	-79.8%	70.68	-87.2%	55	32	73.8%
SINGAPORE MOGAS 92 UNLEADED	0	21.43	-100.0%	0	-	0	17	-98.2%
SINGAPORE MOGAS 92 UNLEADED	65	662.95	-90.2%	294.77	-77.9%	214	810	-73.5%
SING FUEL	0	0	-	0	-	0	0	-
Sumas Basis Swap	0	0	-	0	-	0	0	-
TC2 ROTTERDAM TO USAC 37K	0	11.9	-100.0%	0	-	0	12	-100.0%
TC5 RAS TANURA TO YOKOHAM	0	13.33	-100.0%	1.14	-100.0%	2	19	-90.9%
TCO BASIS SWAP	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	35	143.57	-75.7%	334.5	-89.6%	175	183	-4.4%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-	0	0	-
TRANSCO ZONE4 BASIS SWAP	0	0	-	0	-	0	0	-
TRANSCO ZONE 6 BASIS SWAP	0	0	-	0	-	0	0	-
UCM FUT	0	0	-	0	-	0	0	-100.0%
UK NBP NAT GAS CAL MTH FUT	9	16.9	-49.6%	22.32	-61.8%	21	38	-45.1%
ULSD UP-DOWN BALMO SWP	213	161.9	31.8%	316.36	-32.6%	374	286	30.7%
UP DOWN GC ULSD VS NMX HO	2,987	967.14	208.9%	3,080.27	-3.0%	2,683	1,262	112.5%
WAHA BASIS	0	3.57	-100.0%	0	-	0	6	-100.0%
WTI-BRENT BULLET SWAP	0	12.57	-100.0%	0	-	0	11	-100.0%
WTI-BRENT CALENDAR SWAP	1,823	2,920.86	-37.6%	3,084.05	-40.9%	2,538	1,710	48.4%
WTI CALENDAR	6,952	3,280.95	111.9%	4,121.27	68.7%	3,879	2,341	65.7%
WTI MIDLAND CRUDE OIL	0	0	-	0	-	4	0	-
WTS (ARGUS) VS WTI SWAP	427	87.86	386.4%	329.32	29.8%	409	159	157.1%
WTS (ARGUS) VS WTI TRD MT	140	46	203.3%	70.91	96.8%	95	49	96.4%

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<b>Energy Options</b>								
BRENT CALENDAR SWAP	0	11.43	-100.0%	0	-	0	3	-100.0%
BRENT CRUDE OIL 1 M CSO	1	428.57	-99.7%	163.64	-99.3%	263	367	-28.4%
BRENT OIL LAST DAY	5,821	7,316.1	-20.4%	5,342.23	9.0%	5,200	6,662	-21.9%
COAL API2 INDEX	0	1.67	-100.0%	0	-	0	7	-100.0%
CRUDE OIL	0	0	-	0	-	0	2	-100.0%
CRUDE OIL 1MO	11,803	15,150.33	-22.1%	14,670.14	-19.5%	12,657	12,274	3.1%
CRUDE OIL APO	2,481	3,865.71	-35.8%	6,919.95	-64.1%	3,632	2,849	27.5%
CRUDE OIL CALNDR STRIP	0	0	-	0	-	0	2	-100.0%
CRUDE OIL OUTRIGHTS	0	0	-	0	-	0	12	-100.0%
CRUDE OIL PHY	161,436	137,936.29	17.0%	210,164.68	-23.2%	178,322	117,967	51.2%
ETHANOL SWAP	78	521.76	-85.0%	190	-58.8%	152	390	-61.0%
FREIGHT MARKETS	0	0	-	0	-	0	0	-
HEATING OIL PHY	581	967.86	-39.9%	860.77	-32.5%	1,014	1,222	-17.0%
HENRY HUB FINANCIAL LAST	446	568.14	-21.5%	161.55	176.1%	328	365	-10.4%
HO 1 MONTH CLNDR OPTIONS	0	54.76	-100.0%	0	-	1	26	-95.4%
LLS CRUDE OIL	0	0	-	0	-	0	0	-
MCCLOSKEY ARA ARGS COAL	26	0	-	0	-	24	2	1393.3%
MCCLOSKEY RCH BAY COAL	2	2.38	0.0%	0	-	2	3	-26.8%
NATURAL GAS 1 M CSO FIN	2,624	571.43	359.2%	1,413.64	85.6%	4,390	2,128	106.3%
NATURAL GAS 2 M CSO FIN	0	59.52	-100.0%	22.73	-100.0%	45	21	111.7%
NATURAL GAS 3 M CSO FIN	1,597	1,214.29	31.5%	1,877.27	-14.9%	1,746	373	367.8%
NATURAL GAS 5 M CSO FIN	190	0	-	136.36	39.7%	126	0	-
NATURAL GAS 6 M CSO FIN	0	538.1	-100.0%	2,059.09	-100.0%	1,595	346	361.0%
NATURAL GAS OPT	0	0	-	136.36	-100.0%	36	0	-
NATURAL GAS OPTION ON CALEND	182	19.05	855.0%	136.36	33.4%	174	94	85.5%
NATURAL GAS PHY	139,082	64,469.52	115.7%	143,287.18	-2.9%	131,389	75,715	73.5%
NATURAL GAS WINTER STRIP	0	0	-	0	-	7	0	-
N ROCKIES PIPE SWAP	0	48.86	-100.0%	0	-	0	13	-100.0%
NY HARBOR HEAT OIL SWP	50	18.86	163.1%	110.77	-55.2%	153	59	157.3%
PETROCHEMICALS	3	25.57	-88.5%	9.27	-68.2%	4	24	-82.2%
PETRO OUTRIGHT EURO	0	0	-	0	-	0	0	-75.3%
PETRO OUTRIGHT NA	10	0	-	12.27	-22.4%	12	0	-
PJM WES HUB PEAK CAL MTH	0	1.9	-100.0%	12.73	-100.0%	7	2	282.8%
PJM WES HUB PEAK LMP 50MW	0	0	-	0	-	0	10	-100.0%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-	0	2	-100.0%
RBOB CALENDAR SWAP	0	0	-	0	-	2	3	-37.5%
RBOB CRACK	0	0	-	0	-	0	0	-
RBOB PHY	583	1,585.1	-63.2%	595.45	-2.2%	533	824	-35.3%
SAN JUAN PIPE SWAP	0	0	-	0	-	0	0	-
SHORT TERM	10	1.24	669.2%	9.09	4.8%	16	22	-27.0%
SHORT TERM NATURAL GAS	86	1.19	7099.8%	27.27	214.3%	71	49	44.8%
WTI-BRENT BULLET SWAP	3,569	2,203.57	62.0%	4,623.86	-22.8%	4,532	2,827	60.3%
WTI CRUDE OIL 1 M CSO FI	6,842	5,283.33	29.5%	2,715.91	151.9%	4,919	3,187	54.4%

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	ADV APR 2020	ADV APR 2019	% CHG	ADV MAR 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
<b>Metals Futures</b>								
ALUMINUM	1,314	507.33	159.1%	1,556.55	-15.6%	1,341	549	144.4%
COMEX COPPER	83,861	106,833.24	-21.5%	105,674.5	-20.6%	108,214	103,038	5.0%
COMEX E-Mini GOLD	1,434	438.76	226.8%	3,370.36	-57.5%	2,013	351	474.3%
COMEX E-Mini SILVER	216	189.05	14.1%	330.64	-34.8%	223	130	71.3%
COMEX GOLD	204,119	242,683.14	-15.9%	470,747.45	-56.6%	390,440	269,076	45.1%
COMEX MINY COPPER	23	37.1	-37.9%	23.86	-3.4%	27	30	-8.6%
COMEX SILVER	64,655	91,443.1	-29.3%	103,414.32	-37.5%	98,324	81,081	21.3%
COPPER	274	56.95	380.9%	84.68	223.4%	146	44	227.8%
FERROUS PRODUCTS	242	118.1	104.8%	179.09	35.0%	135	66	104.0%
GOLD	131	0	-	606.68	-78.3%	526	0	-
HOT ROLLED COIL STEEL FUTURES	25	0	-	2.27	1000.0%	7	0	-
IRON ORE 62 CHINA PLATTS FUTUR	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI FUTURES	75	211	-64.3%	233.36	-67.7%	139	358	-61.2%
LNDN ZINC	0	5.57	-100.0%	0	-	0	13	-100.0%
MICRO GOLD	75,958	8,804.29	762.7%	80,161.45	-5.2%	61,271	9,800	525.2%
NYMEX HOT ROLLED STEEL	708	906.24	-21.9%	1,395.86	-49.3%	878	844	4.1%
NYMEX PLATINUM	10,414	18,967.24	-45.1%	33,550.05	-69.0%	22,875	21,688	5.5%
PALLADIUM	1,121	4,603.67	-75.6%	3,484.09	-67.8%	4,538	5,663	-19.9%
SILVER	1,603	753.86	112.6%	3,379.32	-52.6%	2,226	763	191.6%
URANIUM	0	47.62	-99.5%	28.23	-99.2%	22	81	-72.8%

### Metals Options

ALUMINUM	0	0	-	0	-	2	0	-
COMEX COPPER	1,822	3,322.9	-45.2%	2,827.86	-35.6%	3,343	3,123	7.0%
COMEX GOLD	45,570	38,430.14	18.6%	87,389	-47.9%	75,519	45,672	65.4%
COMEX SILVER	6,230	4,932.14	26.3%	12,451.05	-50.0%	10,329	6,048	70.8%
COPPER	11	4.71	135.4%	5.64	96.9%	43	3	1529.5%
GOLD	5,245	4,245.43	23.5%	8,160.77	-35.7%	8,575	3,753	128.5%
HOT ROLLED COIL STEEL CALL OPT	0	0	-	0	-	1	7	-87.7%
HOT ROLLED COIL STEEL PUT OPTI	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI CALL OPTIC	1	150	-99.0%	47.73	-97.0%	17	81	-79.1%
IRON ORE 62 CHINA TSI PUT OPTIO	30	85.71	-65.3%	65.45	-54.5%	72	44	64.8%
NYMEX PLATINUM	107	201.62	-47.0%	206.5	-48.2%	250	178	40.6%
PALLADIUM	11	72.76	-85.2%	74.77	-85.6%	66	67	-0.3%
SILVER	144	210	-31.5%	656.73	-78.1%	605	174	247.6%

### Foreign Exchange Futures

CHILEAN PESO	0	19.05	-100.0%	0	-	0	5	-100.0%
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### Foreign Exchange Options

AUD/USD WKLY WED OPTIONS - WK	22	57.9	-62.7%	30.23	-28.5%	45	49	-8.8%
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	ADV APR 2020	ADV APR 2019	% CHG	ADV MAR 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
<b>Ags Futures</b>								
FERTILIZER PRODUCTS	138	71.43	92.7%	172.73	-20.3%	140	68	105.1%

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	ADV APR 2020	ADV APR 2019	% CHG	ADV MAR 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
<b>Ag Products Futures</b>								
BUTTER CS	320	179.62	78.1%	365.91	-12.6%	379	184	106.2%
CASH-SETTLED CHEESE	863	471	83.2%	1,017.09	-15.2%	760	597	27.3%
CAT ASIA WEATHER	186	0	-	0	-	47	0	-
CATTLE	57,365	68,598.24	-16.4%	99,767.91	-42.5%	77,829	73,374	6.1%
CAT WEATHER EUROPEAN	0	95.24	-100.0%	0	-	0	24	-100.0%
CDD SEASONAL STRIP	0	16.67	-100.0%	6.82	-100.0%	9	5	64.7%
CDD WEATHER	5	4.76	0.0%	140.91	-96.6%	51	26	97.6%
CHI WHEAT	128,551	145,839.95	-11.9%	151,942.95	-15.4%	144,220	134,263	7.4%
CLASS IV MILK	110	169.71	-35.1%	245.41	-55.1%	204	142	43.0%
COCOA TAS	0	0	-	0	-	0	0	-
COFFEE	0	0	-	0	-	0	0	-
CORN	386,440	492,763	-21.6%	353,582.45	9.3%	367,527	421,618	-12.8%
COTTON	0	0	-	0.27	-65.1%	0	0	393.7%
DJ_UBS ROLL SELECT INDEX FUTU	0	0	-	142.91	-100.0%	38	46	-17.7%
DOW-UBS COMMOD INDEX	770	916.38	-15.9%	3,570.59	-78.4%	1,671	1,908	-12.4%
DRY WHEY	44	59.43	-26.0%	119.95	-63.3%	85	69	23.1%
FEEDER CATTLE	10,855	17,480.43	-37.9%	17,373.64	-37.5%	15,214	15,389	-1.1%
FERTILIZER PRODUCTS	6	109.52	-94.8%	17.73	-67.8%	10	97	-89.7%
GOLDMAN SACHS	857	1,307.9	-34.5%	885.32	-3.2%	903	1,432	-37.0%
GSCI EXCESS RETURN FUT	59	187.81	-68.7%	3,760.36	-98.4%	1,109	1,494	-25.8%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	0	0	-	11.36	-100.0%	82	26	221.1%
HDD WEATHER EUROPEAN	0	0	-	0	-	12	37	-67.1%
HOGS	57,011	64,443.05	-11.5%	62,798.09	-9.2%	59,125	62,982	-6.1%
HOUSING INDEX	2	0.9	163.2%	3.59	-33.7%	2	1	173.9%
Intercommodity Spread	0	0	-	0	-	0	0	-
KC WHEAT	59,847	73,809	-18.9%	64,834.27	-7.7%	61,708	64,989	-5.0%
LUMBER	435	831.29	-47.6%	661.32	-34.2%	665	703	-5.4%
MALAYSIAN PALM SWAP	212	164.76	28.9%	122.73	73.1%	157	115	36.9%
MILK	1,977	1,245.19	58.8%	1,614.68	22.4%	1,642	1,243	32.1%
MINI CORN	1,522	445.1	242.0%	1,168.86	30.2%	955	374	155.0%
MINI SOYBEAN	1,523	659.52	130.9%	1,499.95	1.5%	1,277	767	66.5%
MINI WHEAT	904	215.76	319.1%	868.14	4.2%	612	216	183.6%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	428	323.62	32.3%	610.64	-29.9%	573	344	66.3%
OATS	459	924.29	-50.3%	599.68	-23.4%	611	694	-12.0%
ROUGH RICE	1,638	1,259.48	30.1%	1,181.95	38.6%	1,404	966	45.3%
SOYBEAN	224,248	228,643.14	-1.9%	250,007.55	-10.3%	234,244	196,230	19.4%
SOYBEAN MEAL	106,685	133,160.67	-19.9%	135,567.5	-21.3%	129,983	112,124	15.9%
SOYBEAN OIL	140,303	143,455.29	-2.2%	148,121	-5.3%	148,411	120,747	22.9%
S&P GSCI ENHANCED ER SWAP	0	0	-	342	-100.0%	91	181	-50.0%
SUGAR 11	0	0	-	0	-	0	0	-
USD CRUDE PALM OIL	135	31.24	330.9%	96.09	40.1%	158	71	123.2%
WHEAT	1,476	512.48	188.0%	1,204.32	22.5%	1,174	672	74.7%

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	ADV APR 2020	ADV APR 2019	% CHG	ADV MAR 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
<b>Ag Products Options</b>								
BUTTER CS	146	212.9	-31.6%	296.23	-50.9%	209	204	2.1%
CASH-SETTLED CHEESE	704	455.57	54.4%	873.09	-19.4%	668	535	24.9%
CATTLE	11,218	11,315.86	-0.9%	17,170.68	-34.7%	13,512	9,977	35.4%
CAT WEATHER EUROPEAN	0	95.24	-100.0%	0	-	0	24	-100.0%
CDD SEASONAL STRIP	0	142.86	-100.0%	0	-	24	61	-60.5%
CHI WHEAT	30,083	23,350.71	28.8%	40,954.68	-26.5%	33,461	33,937	-1.4%
CLASS IV MILK	323	236	36.8%	548.77	-41.2%	375	229	63.7%
CORN	84,005	100,412.67	-16.3%	97,333.95	-13.7%	81,478	96,379	-15.5%
CORN NEARBY+2 CAL SPRD	113	5.95	1796.0%	284.32	-60.3%	233	105	122.1%
DEC-DEC CORN CAL SPRD	58	103.52	-43.5%	11.36	414.6%	18	34	-46.8%
DEC-JULY CORN CAL SPRD	0	152.86	-100.0%	0	-	2	84	-97.5%
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-	0	0	-
DRY WHEY	29	61.43	-53.2%	64.64	-55.5%	32	46	-29.9%
FEEDER CATTLE	1,177	1,653.76	-28.8%	2,094.59	-43.8%	1,616	1,362	18.6%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	0	0	-	0	-	0	0	-
HOGS	15,137	20,408.48	-25.8%	17,032.09	-11.1%	16,554	17,829	-7.2%
HOUSING INDEX	0	0	-	0	-	0	0	-
Intercommodity Spread	12	4.76	143.0%	96.36	-88.0%	99	8	1099.3%
JULY-DEC CORN CAL SPRD	0	126.67	-100.0%	255	-100.0%	197	93	110.9%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-	0	0	-
JULY-DEC WHEAT CAL SPRD	58	2.38	2340.0%	12.27	373.4%	35	16	111.1%
JULY-JULY WHEAT CAL SPRD	3	0	-	0	-	1	0	-
JULY-NOV SOYBEAN CAL SPRD	24	19.76	20.5%	142.23	-83.3%	79	51	55.8%
KC WHEAT	5,065	2,873.57	76.2%	5,830	-13.1%	5,121	4,067	25.9%
LUMBER	31	117.67	-74.1%	64.68	-52.8%	57	100	-42.8%
LV CATL CSO	0	0.48	-100.0%	0	-	0	5	-100.0%
MAR-DEC CORN CAL SPRD	0	0	-	0	-	6	0	-
MAR-JULY CORN CAL SPRD	0	0	-	0	-	30	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-	0	0	-100.0%
MILK	3,151	2,037.52	54.6%	2,192.14	43.7%	2,323	1,825	27.2%
MLK MID OPTIONS	0	2.57	-96.3%	1.09	-91.3%	1	2	-72.8%
NFD MILK	434	301.57	43.8%	728.59	-40.5%	607	433	40.1%
NOV-JULY SOYBEAN CAL SPRD	0	35.71	-100.0%	0	-	0	10	-100.0%
NOV-MAR SOYBEAN CSO	6	0	-	33.18	-82.8%	10	0	-
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	1	-100.0%
OATS	3	27.9	-88.7%	2.5	25.7%	17	37	-54.1%
ROUGH RICE	156	70.76	120.0%	134.41	15.8%	158	106	49.7%
SOYBEAN	40,139	51,139.57	-21.5%	60,758.77	-33.9%	49,883	49,075	1.6%
SOYBEAN CRUSH	17	0.19	8573.9%	0.91	1717.6%	14	0	28958.8%
SOYBEAN MEAL	10,230	7,113.62	43.8%	15,607.86	-34.5%	11,017	6,930	59.0%
SOYBEAN OIL	6,840	4,950.9	38.2%	9,682.73	-29.4%	10,141	5,281	92.0%
SOYBN NEARBY+2 CAL SPRD	12	0	-	27.27	-57.2%	11	0	-
SOYMEAL NEARBY+2 CAL SPRD	0	0.71	-100.0%	9.09	-100.0%	2	6	-57.5%
WHEAT	110	343.76	-68.1%	33.45	227.9%	74	215	-65.7%
WHEAT-CORN IC50	53	30.48	73.4%	0.45	11529.7%	14	30	-53.2%
WHEAT NEARBY+2 CAL SPRD	19	45.71	-58.7%	22.95	-17.9%	26	27	-4.0%

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<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	4,746,947	5,724,672	-17.1%	11,436,727	-58.5%	8,751,552	7,126,498	22.8%
Equity Index Futures	4,473,385	1,861,254.62	140.3%	7,645,810	-41.5%	5,231,505	2,373,058	120.5%
Metals Futures	446,174	476,606.24	-6.4%	808,222.77	-44.8%	693,347	493,575	40.5%
Energy Futures	3,093,978	2,242,685.71	38.0%	3,229,466.59	-4.2%	2,927,962	2,142,743	36.6%
FX Futures	549,435	688,404.81	-20.2%	1,354,142.23	-59.4%	900,408	792,913	13.6%
Foreign Exchange Futures	0	19.05	-100.0%	0	-	0	5	-100.0%
Ags Futures	138	71.43	92.7%	172.73	-20.3%	140	68	105.1%
Ag Products Futures	1,185,236	1,378,324.43	-14.0%	1,304,253.95	-9.1%	1,252,941	1,214,150	3.2%
<b>TOTAL FUTURES</b>	<b>14,495,293</b>	<b>12,372,038.29</b>	<b>17.2%</b>	<b>25,778,795.27</b>	<b>-43.8%</b>	<b>19,757,854.13</b>	<b>14,143,010.89</b>	<b>39.7%</b>
<b>TOTAL OPTIONS GROUP</b>								
Interest Rate Options	2,061,164	2,329,541	-11.5%	4,261,071.05	-51.6%	3,289,101	2,608,370	26.1%
Equity Index Options	603,201	455,229.48	32.5%	1,197,126.86	-49.6%	903,754	567,300	59.3%
Metals Options	59,171	51,655.43	14.6%	111,885.5	-47.1%	98,823	59,150	67.1%
Energy Options	337,501	242,866.52	39.0%	395,658.59	-14.7%	351,352	227,852	54.2%
FX Options	31,533	58,252.29	-45.9%	60,360.55	-47.8%	52,390	56,477	-7.2%
Ag Products Options	209,351	227,854.1	-8.1%	272,300.36	-23.1%	228,107	229,129	-0.4%
Foreign Exchange Options	22	57.9	-62.7%	30.23	-28.5%	45	49	-8.8%
<b>TOTAL OPTIONS</b>	<b>3,301,944</b>	<b>3,365,456.71</b>	<b>-1.9%</b>	<b>6,298,433.14</b>	<b>-47.6%</b>	<b>4,923,572.17</b>	<b>3,748,326.05</b>	<b>31.4%</b>
<b>TOTAL COMBINED</b>								
FX	580,968	746,657.1	-22.2%	1,414,502.77	-58.9%	952,798	849,390	12.2%
Equity Index	5,076,585	2,316,484.1	119.2%	8,842,936.86	-42.6%	6,135,259	2,940,358	108.7%
Interest Rate	6,808,112	8,054,213	-15.5%	15,697,798.05	-56.6%	12,040,653	9,734,868	23.7%
Energy	3,431,479	2,485,552.24	38.1%	3,625,125.18	-5.3%	3,279,314	2,370,595	38.3%
Metals	505,346	528,261.67	-4.3%	920,108.27	-45.1%	792,169	552,725	43.3%
Foreign Exchange	22	76.95	-71.9%	30.23	-28.5%	45	54	-17.0%
Ags	138	71.43	92.7%	172.73	-20.3%	140	68	105.1%
Ag Products	1,394,588	1,606,178.52	-13.2%	1,576,554.32	-11.5%	1,481,048	1,443,279	2.6%
<b>GRAND TOTAL</b>	<b>17,797,237</b>	<b>15,737,495</b>	<b>13.1%</b>	<b>32,077,228.41</b>	<b>-44.5%</b>	<b>24,681,426.3</b>	<b>17,891,336.94</b>	<b>38.0%</b>

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