

CME Group Exchange ADV Report - Monthly

December 2020

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	ADV DEC 2020	ADV DEC 2019	% CHG	ADV NOV 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
FX Futures								
AD/CD CROSS RATES	1	4.81	-88.7%	0.3	81.8%	1	1	-31.7%
AD/JY CROSS RATES	85	124.19	-31.4%	96.45	-11.7%	119	132	-9.9%
AD/NE CROSS RATES	13	11.76	7.4%	7.05	79.2%	14	10	35.1%
AUSTRALIAN DOLLAR	106,241	111,537.71	-4.7%	98,128.8	8.3%	102,412	100,118	2.3%
BP/JY CROSS RATES	139	202.67	-31.2%	91.95	51.6%	154	150	2.4%
BP/SF CROSS RATES	32	15	110.6%	11.35	178.3%	20	19	6.1%
BRAZIL REAL	9,331	10,388.05	-10.2%	11,784.8	-20.8%	10,408	8,642	20.4%
BRITISH POUND	151,159	154,473.43	-2.1%	94,689.15	59.6%	110,639	121,199	-8.7%
CANADIAN DOLLAR	86,145	92,194.62	-6.6%	68,917.1	25.0%	76,942	79,391	-3.1%
CD/JY CROSS RATES	1	4.29	-88.3%	0.5	0.0%	2	1	163.7%
CHINESE RENMINBI (CNH)	1,633	949.76	72.0%	1,908.45	-14.4%	1,098	1,306	-15.9%
CZECK KORUNA (EC)	0	0.57	-68.2%	0	-	0	0	-28.9%
CZECK KORUNA (US)	0	0	-	0.05	-100.0%	0	0	-
EC/AD CROSS RATES	673	341.38	97.3%	125.35	437.3%	339	244	38.7%
EC/CD CROSS RATES	438	420.95	4.0%	87.85	398.5%	221	168	31.0%
EC/NOK CROSS RATES	25	37	-31.3%	3.55	615.7%	10	31	-67.6%
EC/SEK CROSS RATES	64	106.86	-40.3%	20.75	207.6%	32	42	-23.2%
EFX/BP CROSS RATES	5,474	6,083.95	-10.0%	1,751.5	212.6%	3,263	4,700	-30.6%
EFX/JY CROSS RATES	3,520	5,873.86	-40.1%	1,402.7	150.9%	2,736	3,553	-23.0%
EFX/SF CROSS RATES	1,997	2,006.29	-0.5%	623.65	220.2%	1,701	1,698	0.2%
E-MINI EURO FX	9,937	4,596.76	116.2%	7,120.1	39.6%	7,579	4,372	73.4%
E-MINI JAPANESE YEN	415	589.67	-29.6%	726.15	-42.9%	921	809	13.8%
EURO FX	266,857	272,656.24	-2.1%	167,980.15	58.9%	219,048	208,294	5.2%
HUNGARIAN FORINT (EC)	0	0	-	0.1	-100.0%	0	0	-
HUNGARIAN FORINT (US)	1	1.76	-35.5%	0.45	152.5%	1	0	204.5%
INDIAN RUPEE	956	1,442	-33.7%	1,158.75	-17.5%	1,255	2,964	-57.7%
JAPANESE YEN	118,058	146,083.57	-19.2%	103,409.85	14.2%	114,409	129,261	-11.5%
KOREAN WON	141	86.76	62.7%	56.2	151.1%	54	41	31.9%
MEXICAN PESO	68,131	67,106.86	1.5%	60,365.75	12.9%	58,514	59,778	-2.1%
MICRO AUD/USD	11,892	3,644	226.3%	12,891.8	-7.8%	11,740	4,772	146.0%
MICRO CAD/USD	1,467	786.24	86.5%	1,865.8	-21.4%	1,423	799	78.2%
MICRO CHF/USD	460	329.95	39.5%	530.1	-13.2%	245	170	44.6%
MICRO EUR/USD	27,916	7,400.43	277.2%	26,049.45	7.2%	23,898	10,479	128.1%
MICRO GBP/USD	6,953	3,038.52	128.8%	4,338.15	60.3%	3,689	2,581	42.9%
MICRO INR/USD	101	155.05	-35.2%	95.15	5.7%	103	222	-53.5%
MICRO JPY/USD	1,320	750.24	75.9%	1,402.6	-5.9%	1,378	1,263	9.1%
NEW ZEALND DOLLAR	32,304	33,280.67	-2.9%	26,961.75	19.8%	29,679	27,676	7.2%
NKR/USD CROSS RATE	533	553.33	-3.6%	230.95	131.0%	280	280	0.1%
POLISH ZLOTY (EC)	7	0.1	6966.5%	0.3	2142.4%	3	2	46.2%
POLISH ZLOTY (US)	61	18.71	226.4%	23.1	164.5%	42	8	396.3%
RMB USD	0	0.05	-100.0%	0	-	0	0	-50.1%
RUSSIAN RUBLE	7,595	7,981.05	-4.8%	5,150.4	47.5%	5,588	4,189	33.4%
S.AFRICAN RAND	3,982	4,921.05	-19.1%	2,691.15	48.0%	3,687	2,806	31.4%
SF/JY CROSS RATES	0	1.19	-84.7%	0.85	-78.6%	1	0	389.7%
SHEKEL	0	0.95	-52.3%	0.05	809.0%	1	0	258.7%
SKR/USD CROSS RATES	495	445.24	11.1%	251.8	96.5%	274	192	42.7%
SWISS FRANC	28,148	38,345.9	-26.6%	21,839.75	28.9%	27,297	28,359	-3.7%
TURKISH LIRA	2	144.76	-98.4%	58.8	-96.0%	37	60	-38.3%
USDZAR	0	0	-	0	-	0	0	-100.0%

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FX Options								
AUD/USD MONDAY OPTION WEEK1	43	0	-	2.25	1821.2%	18	0	-
AUD/USD MONDAY OPTION WEEK2	55	0	-	0	-	11	0	-
AUD/USD MONDAY OPTION WEEK3	0	0	-	20	-100.0%	12	0	-
AUD/USD MONDAY OPTION WEEK4	4	0	-	0	-	10	0	-
AUD/USD MONDAY OPTION WEEK5	0	0	-	3.8	-100.0%	3	0	-
AUD/USD MONTHLY OPTIONS	1,941	3,227.05	-39.9%	2,694	-28.0%	3,256	3,281	-0.8%
AUD/USD WKLY FRIDAY OPTIONS -	26	0	-	0	-	24	86	-71.7%
AUD/USD WKLY FRIDAY OPTIONS -	105	477.57	-77.9%	137.4	-23.3%	175	290	-39.8%
AUD/USD WKLY FRIDAY OPTIONS -	120	418.9	-71.3%	158.65	-24.3%	164	310	-47.1%
AUD/USD WKLY FRIDAY OPTIONS -	61	201.95	-69.7%	178.8	-65.8%	177	305	-41.9%
AUD/USD WKLY FRIDAY OPTIONS -	12	2.9	324.1%	0	-	71	79	-10.5%
AUD/USD WKLY WED OPTIONS - WK	24	55.67	-57.5%	43.8	-45.9%	58	79	-26.3%
AUD/USD WKLY WED OPTIONS - WK	41	99.38	-58.5%	166	-75.1%	69	82	-16.4%
AUD/USD WKLY WED OPTIONS - WK	38	23.05	66.1%	24.6	55.6%	38	37	2.7%
AUD/USD WKLY WED OPTIONS - WK	57	24.1	137.9%	89.25	-35.8%	66	63	4.3%
AUD/USD WKLY WED OPTIONS - WK	41	0	-	0	-	27	21	32.6%
BRL/USD MONTHLY OPTIONS	1	0	-	0.4	150.0%	3	7	-61.3%
CAD/USD MONDAY OPTIONS WEEK1	95	0	-	0.5	18827.3%	21	0	-
CAD/USD MONDAY OPTIONS WEEK2	5	0	-	18.5	-75.4%	10	0	-
CAD/USD MONDAY OPTIONS WEEK3	6	0	-	30.75	-80.8%	35	0	-
CAD/USD MONDAY OPTIONS WEEK4	39	0	-	0	-	24	0	-
CAD/USD MONDAY OPTIONS WEEK5	0	0	-	17.5	-100.0%	14	0	-
CAD/USD MONTHLY OPTIONS	1,750	2,326.29	-24.8%	1,729.5	1.2%	2,168	2,498	-13.2%
CAD/USD WKLY FRIDAY OPTIONS -	135	0	-	0	-	61	144	-57.7%
CAD/USD WKLY FRIDAY OPTIONS -	171	607.67	-71.9%	140.15	22.0%	281	332	-15.4%
CAD/USD WKLY FRIDAY OPTIONS -	374	610.57	-38.8%	267.9	39.5%	312	454	-31.4%
CAD/USD WKLY FRIDAY OPTIONS -	198	542.95	-63.6%	228.2	-13.4%	324	498	-34.9%
CAD/USD WKLY FRIDAY OPTIONS -	15	32.57	-55.1%	0	-	126	146	-14.0%
CAD/USD WKLY WED OPTIONS - WK	70	4.86	1332.8%	72.3	-3.7%	101	135	-25.1%
CAD/USD WKLY WED OPTIONS - WK	21	189.14	-88.8%	18.05	16.8%	73	163	-55.4%
CAD/USD WKLY WED OPTIONS - WK	37	187.57	-80.2%	74.7	-50.4%	83	154	-45.8%
CAD/USD WKLY WED OPTIONS - WK	42	172.71	-75.8%	42.65	-2.0%	106	140	-24.7%
CAD/USD WKLY WED OPTIONS - WK	59	0	-	0	-	38	42	-9.6%
CHF/USD MONTHLY OPTIONS	111	292.24	-62.1%	215.3	-48.6%	169	156	8.4%
CHF/USD WKLY FRIDAY OPTIONS -	1	0	-	0	-	1	1	-13.8%
CHF/USD WKLY FRIDAY OPTIONS -	0	8.24	-95.0%	24.25	-98.3%	9	12	-23.6%
CHF/USD WKLY FRIDAY OPTIONS -	3	17.9	-85.0%	12.65	-78.8%	5	9	-39.0%
CHF/USD WKLY FRIDAY OPTIONS -	0	13.57	-97.7%	0.2	59.1%	6	7	-20.5%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	7	2	196.4%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	0	0	-100.0%
EUR/GBP WKLY FRIDAY OPTIONS -	11	0	-	0	-	1	0	-
EUR/USD MONDAY OPTION WEEK1	180	0	-	62.75	187.1%	89	0	-
EUR/USD MONDAY OPTION WEEK2	195	0	-	125.75	55.1%	80	0	-
EUR/USD MONDAY OPTION WEEK3	236	0	-	29.95	687.7%	99	0	-
EUR/USD MONDAY OPTION WEEK4	34	0	-	17.5	95.1%	86	0	-
EUR/USD MONDAY OPTION WEEK5	0	0	-	129.95	-100.0%	39	0	-
EUR/USD MONTHLY OPTIONS	9,033	10,657.57	-15.2%	10,854.85	-16.8%	12,687	16,209	-21.7%

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FX Options								
EUR/USD WKLY FRIDAY OPTIONS -	288	0	-	7.65	3666.5%	141	458	-69.2%
EUR/USD WKLY FRIDAY OPTIONS -	682	1,826.05	-62.7%	1,060.45	-35.7%	867	1,239	-30.0%
EUR/USD WKLY FRIDAY OPTIONS -	924	1,244.33	-25.7%	575.15	60.7%	945	1,386	-31.8%
EUR/USD WKLY FRIDAY OPTIONS -	458	746.81	-38.7%	817.85	-44.0%	981	1,524	-35.6%
EUR/USD WKLY FRIDAY OPTIONS -	24	5.86	304.3%	0	-	319	402	-20.8%
EUR/USD WKLY WED OPTIONS - WK	254	584.48	-56.5%	364.65	-30.3%	451	608	-25.8%
EUR/USD WKLY WED OPTIONS - WK	363	615.95	-41.0%	343.6	5.7%	378	596	-36.5%
EUR/USD WKLY WED OPTIONS - WK	502	583.38	-14.0%	256.05	95.9%	383	599	-36.2%
EUR/USD WKLY WED OPTIONS - WK	431	463.38	-7.0%	301.5	42.9%	374	650	-42.4%
EUR/USD WKLY WED OPTIONS - WK	449	0	-	0	-	174	163	6.7%
GBP/USD MONDAY OPTION WEEK1	258	0	-	1.95	13114.5%	51	0	-
GBP/USD MONDAY OPTION WEEK2	21	0	-	93.2	-77.4%	26	0	-
GBP/USD MONDAY OPTION WEEK3	20	0	-	166.4	-88.2%	38	0	-
GBP/USD MONDAY OPTION WEEK4	21	0	-	142.5	-85.5%	49	0	-
GBP/USD MONDAY OPTION WEEK5	0	0	-	18.95	-100.0%	7	0	-
GBP/USD MONTHLY OPTIONS	6,559	7,425.57	-11.7%	4,865.8	34.8%	4,573	6,060	-24.5%
GBP/USD WKLY FRIDAY OPTIONS -	90	0	-	0	-	49	131	-62.2%
GBP/USD WKLY FRIDAY OPTIONS -	147	738.24	-80.0%	146.25	0.8%	165	343	-51.9%
GBP/USD WKLY FRIDAY OPTIONS -	408	593.76	-31.2%	189.65	115.3%	209	443	-53.0%
GBP/USD WKLY FRIDAY OPTIONS -	167	214.57	-22.1%	116.8	43.2%	163	391	-58.3%
GBP/USD WKLY FRIDAY OPTIONS -	0	1.19	-84.7%	0	-	66	126	-47.8%
GBP/USD WKLY WED OPTIONS - WK	1	49.95	-98.6%	122.85	-99.4%	76	107	-29.0%
GBP/USD WKLY WED OPTIONS - WK	110	199.43	-44.6%	144	-23.3%	59	142	-58.3%
GBP/USD WKLY WED OPTIONS - WK	29	82.1	-64.9%	136.5	-78.9%	76	118	-35.5%
GBP/USD WKLY WED OPTIONS - WK	109	120.05	-9.1%	29.35	271.8%	67	108	-37.9%
GBP/USD WKLY WED OPTIONS - WK	22	0	-	0	-	30	37	-18.8%
JPY/USD MONDAY OPTION WEEK1	43	0	-	0	-	39	0	-
JPY/USD MONDAY OPTION WEEK2	33	0	-	95.25	-65.0%	60	0	-
JPY/USD MONDAY OPTION WEEK3	21	0	-	59.1	-64.2%	36	0	-
JPY/USD MONDAY OPTION WEEK4	27	0	-	6	357.6%	36	0	-
JPY/USD MONDAY OPTION WEEK5	0	0	-	14.3	-100.0%	12	0	-
JPY/USD MONTHLY OPTIONS	2,687	4,554	-41.0%	3,894.75	-31.0%	5,334	6,488	-17.8%
JPY/USD WKLY FRIDAY OPTIONS -	138	0	-	0	-	81	227	-64.2%
JPY/USD WKLY FRIDAY OPTIONS -	304	907.14	-66.5%	562.9	-46.1%	504	498	1.2%
JPY/USD WKLY FRIDAY OPTIONS -	587	573.95	2.2%	364.5	60.9%	565	665	-15.0%
JPY/USD WKLY FRIDAY OPTIONS -	272	389.14	-30.1%	316.55	-14.1%	518	621	-16.6%
JPY/USD WKLY FRIDAY OPTIONS -	17	4.24	301.1%	0	-	194	235	-17.6%
JPY/USD WKLY WED OPTIONS - WK	29	233.86	-87.6%	109.55	-73.5%	215	223	-3.5%
JPY/USD WKLY WED OPTIONS - WK	101	319.19	-68.5%	185.65	-45.8%	181	213	-15.0%
JPY/USD WKLY WED OPTIONS - WK	70	140.19	-50.3%	187.25	-62.8%	205	206	-0.3%
JPY/USD WKLY WED OPTIONS - WK	148	120.81	22.1%	169.7	-13.1%	219	205	6.9%
JPY/USD WKLY WED OPTIONS - WK	38	0	-	0	-	58	45	27.4%
MXN/USD MONTHLY OPTIONS	18	34.29	-47.4%	102.55	-82.4%	77	68	14.0%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	17	5	266.3%
MXN/USD WKLY FRIDAY OPTIONS -	22	0	-	52	-57.5%	13	2	517.6%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	9	5	60.4%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	24.15	-100.0%	12	2	493.7%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	1	0	440.8%

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NZD/USD MONTHLY OPTIONS	1	68.52	-98.7%	6.7	-87.1%	20	36	-45.9%
NZD/USD WKLY FRIDAY OPTIONS -	0	0.1	-100.0%	0	-	0	1	-71.0%
NZD/USD WKLY FRIDAY OPTIONS -	0	9.52	-100.0%	0	-	0	2	-100.0%
NZD/USD WKLY FRIDAY OPTIONS -	0	9.52	-100.0%	0	-	1	4	-60.7%
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-100.0%
RUB/USD MONTHLY OPTIONS	3	0	-	18.9	-83.9%	3	0	-

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Equity Index Futures								
BITCOIN FUTURES	11,179	5,230.81	113.7%	11,433.35	-2.2%	8,782	6,365	38.0%
DJ US REAL ESTATE	4,103	4,841.62	-15.3%	2,150.7	90.8%	3,446	2,521	36.7%
E-mini (\$5) Dow	155,482	171,097.24	-9.1%	184,077.35	-15.5%	234,671	199,912	17.4%
E-MINI COM SERVICES SELECT SEC	306	671.19	-54.5%	93.85	225.7%	235	342	-31.3%
E-mini FTSE 100 (USD)	0	0	-	0	-	0	1	-100.0%
E-mini FTSE China 50	0	0	-	0	-	0	3	-99.7%
E-MINI MIDCAP	22,223	24,090.38	-7.8%	12,607.45	76.3%	17,915	16,302	9.9%
E-MINI NASDAQ 100	453,963	390,676.19	16.2%	517,455	-12.3%	579,909	456,669	27.0%
E-MINI RUSSELL 1000	823	965.05	-14.7%	128.05	542.8%	423	449	-5.9%
E-MINI RUSSELL 1000 GROWTH	439	555.57	-21.1%	169.75	158.3%	255	279	-8.8%
E-MINI RUSSELL 1000 VALUE	1,977	1,039.29	90.2%	421.7	368.8%	623	703	-11.4%
E-MINI RUSSELL 2000	213,652	168,127.95	27.1%	173,312.15	23.3%	205,213	146,026	40.5%
E-MINI S&P500	1,556,005	1,672,929.52	-7.0%	1,557,493.9	-0.1%	1,985,628	1,568,043	26.6%
E-MINI S&P REAL ESTATE SELECT S	496	823.05	-39.7%	147.15	237.2%	415	358	15.8%
FT-SE 100	0	0	-	0.4	-88.6%	0	1	-97.6%
FTSE Emerging	1	95.71	-98.8%	1.5	-24.2%	19	100	-81.1%
IBOVESPA INDEX	9	28.62	-70.3%	7.15	18.9%	18	33	-43.9%
MICRO E-MINI NASDAQ 100	739,804	150,865.62	390.4%	1,004,897.8	-26.4%	705,657	125,996	460.1%
MICRO E-MINI RUSSELL 2000	90,121	26,411.71	241.2%	85,957.35	4.8%	93,567	19,861	371.1%
MICRO E-MINI S&P500	741,728	206,095.24	259.9%	1,027,468.15	-27.8%	896,476	170,938	424.4%
MICRO MINI \$5 DOW	126,314	33,457.33	277.5%	146,101.25	-13.5%	129,024	31,015	316.0%
NASDAQ BIOTECH	13	15.33	-15.5%	16.25	-20.3%	25	18	38.0%
Nearby BTIC+	0	0	-	0	-	5	0	3348.6%
NIKKEI 225 (\$) STOCK	6,137	11,366.71	-46.0%	7,632.45	-19.6%	8,934	10,385	-14.0%
NIKKEI 225 (YEN) STOCK	29,180	38,883.48	-25.0%	40,777.55	-28.4%	44,476	38,658	15.1%
S&P 500	6,467	5,566.38	16.2%	2,910.35	122.2%	6,270	4,804	30.5%
S&P 500 ANNUAL DIVIDEND INDEX F	1,340	1,284.71	4.3%	2,039.05	-34.3%	2,701	1,296	108.5%
S&P 500/GI	0	0.57	-100.0%	0	-	0	0	-100.0%
S&P 500 QUARLY DIVIDEND INDEX F	86	2.38	3508.1%	191.7	-55.2%	60	10	492.9%
S&P 600 SMALLCAP EMINI	0	45.76	-100.0%	0	-	14	18	-21.5%
S&P CONSUMER DSCRTNRY SECTC	950	657.81	44.4%	538.9	76.3%	496	424	16.8%
S&P CONSUMER STAPLES SECTOR	1,721	1,199.38	43.4%	754.55	128.0%	1,182	937	26.1%
S&P ENERGY SECTOR	3,006	1,768.76	69.9%	2,722.6	10.4%	1,686	915	84.3%
S&P FINANCIAL SECTOR	3,785	3,195.24	18.4%	2,251.65	68.1%	1,545	1,670	-7.4%
S&P HEALTH CARE SECTOR	1,425	2,069.81	-31.2%	782	82.2%	880	1,016	-13.4%
S&P INDUSTRIAL SECTOR	2,368	1,249.71	89.5%	1,364.7	73.5%	974	658	48.0%
S&P MATERIALS SECTOR	1,158	621.1	86.5%	572.95	102.2%	500	494	1.2%
S&P TECHNOLOGY SECTOR	1,233	1,401.95	-12.1%	538.2	129.1%	782	757	3.3%
S&P UTILITIES SECTOR	2,233	2,366.24	-5.6%	850.6	162.5%	1,301	1,530	-15.0%
S&P VALUE INDEX FUTURES	0	0.76	-100.0%	0	-	0	0	-100.0%
WATER INDEX FUTURES	4	0	-	0	-	0	0	-
YEN DENOMINATED TOPIX	76	580.38	-86.9%	289.15	-73.7%	308	873	-64.7%

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	ADV DEC 2020	ADV DEC 2019	% CHG	ADV NOV 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
Equity Index Options								
BITCOIN FUTURES	158	0	-	133.4	18.4%	148	0	-
E-mini (\$5) Dow	67	448.38	-85.1%	95.15	-29.8%	131	214	-38.6%
E-MINI NASDAQ 100	11,924	8,394.14	42.1%	15,509.4	-23.1%	15,925	9,504	67.6%
E-MINI RUSSELL 2000	762	773.71	-1.6%	1,882.55	-59.5%	911	774	17.7%
E-MINI S&P500	268,977	302,431.19	-11.1%	265,749.1	1.2%	334,891	263,173	27.3%
EOM E-MINI RUSSELL 2000 END OF	880	195.9	349.0%	390.35	125.4%	460	395	16.3%
EOM EMINI S&P	57,212	79,336.43	-27.9%	62,136.15	-7.9%	91,450	90,220	1.4%
EOM S&P 500	2,271	5,039.14	-54.9%	1,104.95	105.5%	2,702	5,527	-51.1%
EOW1 E-MINI RUSSELL 2000 WEEKL	109	162.33	-32.6%	171.1	-36.1%	199	165	20.8%
EOW1 EMINI S&P 500	17,849	58,199.29	-69.3%	51,554.7	-65.4%	47,523	47,217	0.6%
EOW1 S&P 500	1,033	5,694.38	-81.9%	3,007.4	-65.7%	2,075	3,682	-43.6%
EOW2 E-MINI RUSSELL 2000 WEEKL	359	176.48	103.2%	285.3	25.7%	317	230	38.0%
EOW2 EMINI S&P 500	42,773	58,991.1	-27.5%	50,306.55	-15.0%	50,885	48,460	5.0%
EOW2 S&P 500	3,044	8,703.86	-65.0%	2,974.4	2.3%	3,670	6,391	-42.6%
EOW3 E-MINI RUSSELL 2000 WEEKL	667	732.52	-8.9%	773.55	-13.7%	811	719	12.8%
EOW3 EMINI S&P 500	56,196	76,942.81	-27.0%	87,760.8	-36.0%	108,249	109,072	-0.8%
EOW3 S&P 500	1,072	1,906.9	-43.8%	2,947.65	-63.6%	3,160	5,587	-43.4%
EOW4 E-MINI RUSSELL 2000 WEEKL	283	165.14	71.2%	200.45	41.0%	185	155	18.8%
EOW4 EMINI S&P 500	26,766	40,283.05	-33.6%	25,812.55	3.7%	40,595	41,042	-1.1%
EOW4 S&P 500	706	0	-	729.75	-3.2%	365	0	-
MICRO E-MINI NASDAQ 100	112	0	-	47.8	133.9%	27	0	-
MICRO E-MINI S&P500	1,011	0	-	934	8.2%	342	0	-
S&P 500	7,381	16,684.95	-55.8%	4,908.25	50.4%	6,500	11,441	-43.2%

Interest Rate Futures

10-YR NOTE	1,094,560	1,353,675.52	-19.1%	2,072,348.9	-47.2%	1,604,704	1,785,039	-10.1%
10-YR SWAP RATE	10,949	8,522.52	28.5%	1,778.1	515.8%	4,818	3,827	25.9%
15-YR SWAP RATE	0	0	-	0	-	0	22	-100.0%
1-MONTH EURODOLLAR	0	0.05	-100.0%	0	-	3	2	82.4%
20-YR SWAP RATE	0	0	-	0	-	0	0	-100.0%
2-YR NOTE	206,554	454,473.24	-54.6%	588,851.65	-64.9%	509,289	724,698	-29.7%
2-YR SWAP RATE	3,064	2,295.57	33.5%	3,283.1	-6.7%	1,324	2,241	-40.9%
30-YR BOND	312,631	273,835.9	14.2%	573,493.15	-45.5%	378,200	348,395	8.6%
30-YR SWAP RATE	1	0.24	472.7%	0	-	5	26	-79.8%
3-YR NOTE	4,630	0	-	6,882.5	-32.7%	2,444	0	-
3-YR SWAP RATE	389	731.48	-46.9%	44.65	770.7%	202	762	-73.4%
4-YR SWAP RATE	35	33.76	3.4%	26.5	31.7%	69	371	-81.4%
5-YR NOTE	631,858	739,069.14	-14.5%	1,313,277.9	-51.9%	967,758	1,168,253	-17.2%
5-YR SWAP RATE	3,027	3,998.33	-24.3%	2,048.55	47.7%	2,703	3,835	-29.5%
7-YR SWAP RATE	231	102.19	125.9%	251.35	-8.2%	116	186	-37.9%
EURODOLLARS	1,404,225	1,737,756.86	-19.2%	1,972,609.6	-28.8%	2,015,464	2,726,479	-26.1%
FED FUND	70,578	170,946.52	-58.7%	65,729.65	7.4%	207,276	356,010	-41.8%
SOFR	66,431	34,752.43	91.2%	86,710.2	-23.4%	50,766	36,122	40.5%
SONIA	6,026	9,361.29	-35.6%	10,096.6	-40.3%	7,937	8,781	-9.6%
Ultra 10-Year Note	188,484	167,381.1	12.6%	392,496.75	-52.0%	255,257	229,793	11.1%
ULTRA T-BOND	128,399	120,209.52	6.8%	314,951.7	-59.2%	207,122	190,368	8.8%

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Interest Rate Options								
10-YR NOTE	345,744	717,467.62	-51.8%	507,610.55	-31.9%	502,710	679,032	-26.0%
2-YR NOTE	381	14,951.29	-97.5%	964.45	-60.5%	8,100	23,991	-66.2%
30-YR BOND	121,847	135,991.76	-10.4%	162,720.35	-25.1%	125,963	147,255	-14.5%
5-YR NOTE	52,898	151,336.76	-65.0%	74,121.7	-28.6%	121,869	226,370	-46.2%
EURODOLLARS	172,086	727,899.9	-76.4%	243,357.05	-29.3%	730,642	1,106,209	-34.0%
EURO MIDCURVE	219,645	263,420.05	-16.6%	356,310.1	-38.4%	326,980	579,080	-43.5%
FED FUND	0	52.24	-99.9%	0.05	-9.0%	43	314	-86.2%
SOFR	273	0	-	100.1	172.5%	36	0	-
Ultra 10-Year Note	0	33.86	-100.0%	0	-	63	137	-54.0%
ULTRA T-BOND	27	588.67	-95.5%	31.05	-13.8%	60	1,060	-94.4%

Energy Futures

3.5% FUEL OIL CID MED SWA	0	0	-	0	-	0	0	-79.4%
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	92	196.43	-53.0%	689.5	-86.6%	288	363	-20.7%
ARGUS PROPAN FAR EST INDE	227	187.48	21.0%	246.8	-8.1%	246	283	-13.0%
ARGUS PROPAN(SAUDI ARAMCO	85	153.76	-44.9%	111.3	-23.9%	107	143	-24.9%
AUSTRIALIAN COKE COAL	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	9	0	-	5	81.8%	7	8	-13.3%
BRENT CALENDAR SWAP	283	180.95	56.3%	108.05	161.8%	326	340	-4.0%
BRENT FINANCIAL FUTURES	0	0	-	0	-	10	34	-69.1%
BRENT OIL LAST DAY	68,471	84,813.19	-19.3%	91,058.3	-24.8%	102,684	101,654	1.0%
CENTERPOINT BASIS SWAP	0	0	-	0	-	0	0	-
CHICAGO ETHANOL SWAP	2,681	2,895.9	-7.4%	3,251.7	-17.6%	3,457	4,636	-25.4%
CHICAGO ULSD PL VS HO SPR	7	31.67	-77.0%	5	45.5%	29	27	8.9%
CHICAGO UNL GAS PL VS RBO	28	0	-	41.25	-31.1%	11	5	99.2%
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	20.95	-100.0%	0	-	5	21	-74.8%
CIN HUB 5MW REAL TIME O P	0	0	-	0	-	0	16	-100.0%
CIN HUB 5MW REAL TIME PK	0	0	-	0	-	0	1	-100.0%
COAL SWAP	0	0	-	0	-	0	0	-
COLUMB GULF MAINLINE NG B	0	0	-	0	-	0	1	-100.0%
CONWAY NATURAL GASOLINE (OPI	11	31.62	-66.6%	1	954.6%	12	13	-10.1%
CONWAY NORMAL BUTANE (OPIS) S	17	7.48	128.0%	17.3	-1.5%	19	22	-14.7%
CONWAY PROPANE 5 DECIMALS S	416	493.95	-15.8%	399.05	4.2%	723	680	6.4%
CRUDE OIL	0	11.9	-100.0%	500	-100.0%	141	199	-28.9%
CRUDE OIL LAST DAY	2	0	-	12.05	-83.8%	4	0	-
CRUDE OIL OUTRIGHTS	3,204	3,692.52	-13.2%	2,376.1	34.9%	3,705	3,092	19.9%
CRUDE OIL PHY	701,745	920,708.86	-23.8%	884,115.4	-20.6%	1,083,894	1,157,335	-6.3%
CRUDE OIL SPRDS	1,276	756.76	68.6%	1,028.4	24.1%	1,223	974	25.5%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-

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Energy Futures								
DAILY PJM	0	0	-	0	-	0	0	-
DATED BRENT (PLATTS) DAILY SWA	0	0	-	0	-	3	0	-
DATED TO FRONTLINE BRENT	0	0	-	0	-	1	4	-75.7%
DOMINION TRAN INC - APP I	0	0	-	0	-	0	0	-
DOMINION TRANSMISSION INC	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL BALMO	0	0	-	0	-	1	0	-
DUBAI CRUDE OIL CALENDAR	0	25.57	-100.0%	0	-	42	74	-42.9%
DUTCH TTF NATURAL GAS CAL MO	611	1,004.1	-39.1%	1,381.55	-55.8%	1,509	587	157.1%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-	0	0	-100.0%
EIA FLAT TAX ONHWAY DIESE	11	10.33	10.9%	9	27.3%	38	14	164.9%
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	11	127.9	-91.3%	12.45	-10.9%	52	316	-83.7%
ETHANOL SWAP	5	23.57	-78.8%	36.5	-86.3%	9	6	55.9%
ETHANOL T2 FOB ROTT INCL DUTY	121	159.67	-24.4%	251.9	-52.1%	194	176	10.0%
EURO 1% FUEL OIL NEW BALM	0	0	-	0	-	0	0	-100.0%
EURO 3.5% FUEL OIL RDAM B	0	0	-	0	-	0	2	-88.6%
EURO 3.5% FUEL OIL SPREAD	0	0.76	-100.0%	0	-	0	1	-88.9%
EURO GASOIL 10PPM VS ICE	0	0.95	-100.0%	0	-	0	0	273.3%
EUROPE 1% FUEL OIL NWE CA	0	0.19	-100.0%	0	-	0	3	-100.0%
EUROPE 1% FUEL OIL RDAM C	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL MED	0	1.33	-100.0%	0	-	0	2	-91.4%
EUROPE 3.5% FUEL OIL RDAM	1	21.1	-97.4%	0	-	9	44	-78.5%
EUROPEAN GASOIL (ICE)	2	1.9	-9.3%	1.6	8.0%	1	5	-70.4%
EUROPEAN NAPHTHA BALMO	0	0.71	-100.0%	0.15	-100.0%	0	6	-94.1%
EUROPEAN NAPHTHA CRACK SPR	5	51.9	-89.8%	35.6	-85.2%	56	165	-66.4%
EUROPE DATED BRENT SWAP	0	0	-	0	-	0	6	-95.7%
EUROPE JET KERO NWE CALSW	0	0	-	0	-	0	0	-100.0%
EUROPE NAPHTHA CALSWAP	16	39	-59.4%	20.1	-21.3%	23	71	-68.0%
EURO PROPANE CIF ARA SWA	47	34.57	36.3%	57	-17.3%	74	86	-14.1%
FREIGHT MARKETS	18	14.38	28.3%	16.5	11.8%	32	44	-28.2%
FUEL OIL CRACK VS ICE	0	93.19	-100.0%	3.2	-100.0%	10	84	-87.5%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	0	0	-100.0%
FUEL OIL (PLATS) CAR CM	0	0	-	0	-	0	0	-100.0%
FUEL OIL (PLATS) CAR CN	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	0	2.38	-100.0%	0	-	0	6	-96.9%
GAS EURO-BOB OXY NWE BARGES	7	60.76	-88.2%	15	-52.1%	58	204	-71.6%
GAS EURO-BOB OXY NWE BARGES	54	159.29	-66.3%	89.95	-40.3%	238	356	-33.1%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-	0	0	-100.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0.85	-100.0%	0	0	-19.3%
GASOIL 0.1 ROTTERDAM BARG	1	0.48	110.0%	0.25	300.0%	1	1	-15.1%
GASOIL 10PPM VS ICE SWAP	0	0	-	0	-	0	0	-100.0%
GASOIL CALENDAR SWAP	1	1.43	-61.8%	1.15	-52.6%	1	1	5.8%
GASOIL CRACK SPREAD CALEN	0	9.71	-100.0%	0	-	49	43	15.4%
GASOIL MINI CALENDAR SWAP	14	42.48	-68.1%	9.25	46.4%	24	25	-1.4%
GERMAN POWER BASELOAD CAL M	0	130.62	-100.0%	5.7	-100.0%	40	106	-62.4%

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Energy Futures								
GROUP THREE ULSD (PLATTS)	0	0	-	0	-	0	0	-
GROUP THREE UNLEAD GAS (P	0	0	-	0	-	0	1	-100.0%
GRP THREE ULSD(PLT)VS HEA	101	101.33	-0.6%	103.75	-3.0%	157	153	2.4%
GRP THREE UNL GS (PLT) VS	82	102.62	-20.0%	70.25	16.8%	116	117	-0.7%
GULF COAST 3% FUEL OIL BA	2	17.29	-88.2%	0	-	12	36	-67.6%
GULF COAST JET FUEL CLNDR	0	7.71	-100.0%	0	-	12	2	632.1%
GULF COAST JET VS NYM 2 H	514	348.48	47.4%	566.65	-9.3%	791	865	-8.6%
GULF COAST NO.6 FUEL OIL	174	841.24	-79.3%	257.4	-32.5%	482	1,039	-53.6%
GULF COAST ULSD CALENDAR	8	11.29	-27.5%	3.8	115.3%	39	16	145.4%
GULF COAST ULSD CRACK SPR	0	0	-	0	-	6	1	290.1%
HEATING OIL BALMO CLNDR S	0	1.9	-100.0%	5	-100.0%	6	2	149.8%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	0	-100.0%
HEATING OIL PHY	135,270	176,985.76	-23.6%	171,019.8	-20.9%	173,926	172,225	1.0%
HENRY HUB BASIS SWAP	0	0	-	0	-	26	84	-68.6%
HENRY HUB FINANCIAL LAST	0	0	-	0	-	0	0	-
HENRY HUB INDEX SWAP FUTU	0	0	-	0	-	33	84	-60.5%
HENRY HUB SWAP	950	9,297.62	-89.8%	795.8	19.4%	2,933	4,981	-41.1%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-	0	3	-100.0%
HTG OIL	0	0	-	0	-	0	0	12.0%
ICE BRENT DUBAI SWAP	15	91.19	-83.1%	41.5	-62.8%	134	258	-47.9%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	2	9.81	-83.8%	1	59.1%	8	15	-47.0%
JAPAN C&F NAPHTHA CRACK S	0	0	-	0	-	1	1	-23.8%
JAPAN C&F NAPHTHA SWAP	1	12.48	-95.3%	0.45	31.3%	7	41	-83.7%
JAPAN NAPHTHA BALMO SWAP	0	1.33	-100.0%	0	-	0	1	-90.9%
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	1	-100.0%
JET FUEL UP-DOWN BALMO CL	66	106.95	-38.2%	47	40.7%	79	181	-56.6%
JKM LNG Futures	0	29.76	-100.0%	1.75	-100.0%	76	85	-10.2%
LA CARB DIESEL (OPIS) SWA	1	0	-	0	-	10	2	533.0%
LA CARBOB GASOLINE(OPIS)S	0	4.76	-100.0%	2.5	-100.0%	3	12	-77.4%
LA JET (OPIS) SWAP	23	42.86	-45.9%	22.5	3.0%	26	55	-52.1%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	0	0	-	27	-99.2%	31	79	-60.6%
LOS ANGELES CARB GASOLINE	0	0	-	0	-	0	0	49.4%
LTD NAT GAS	14,815	11,854.71	25.0%	14,808.15	0.0%	13,043	14,133	-7.7%
MARS (ARGUS) VS WTI SWAP	0	60.71	-100.0%	0	-	10	64	-83.8%
MARS (ARGUS) VS WTI TRD M	906	802.14	12.9%	591.5	53.2%	745	857	-13.0%
MARS BLEND CRUDE OIL	0	0	-	0	-	0	0	-
MCCLOSKEY ARA ARGS COAL	564	975.43	-42.1%	1,248.7	-54.8%	965	1,419	-32.0%
MCCLOSKEY RCH BAY COAL	19	43	-55.9%	42.5	-55.4%	43	103	-58.1%
MGF FUT	0	0	-	0	-	0	0	-100.0%
MGN1 SWAP FUT	0	1.43	-100.0%	0	-	1	2	-50.2%
MICHIGAN BASIS	0	0	-	0	-	0	0	-
MICHIGAN MISO	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	0	4.29	-100.0%	1.95	-100.0%	3	9	-64.3%
MINI RBOB V. EBOBARG NWE BRGS	2	0	-	0	-	7	16	-55.6%

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Energy Futures								
MINI RBOB V. EBOB(ARGUS) NWE B	15	31.76	-54.2%	15.25	-4.6%	31	84	-63.2%
MINY HTG OIL	0	0.1	186.4%	0.15	81.8%	0	0	59.9%
MINY NATURAL GAS	8,989	2,549.71	252.5%	7,581.05	18.6%	6,372	1,742	265.7%
MINY RBOB GAS	0	0.19	67.0%	0.4	-20.5%	0	0	16.0%
MINY WTI CRUDE OIL	12,703	14,737.86	-13.8%	15,014.4	-15.4%	27,016	21,710	24.4%
MJC FUT	0	0	-	0	-	0	1	-100.0%
MNC FUT	8	68.14	-87.9%	13.85	-40.3%	45	148	-69.6%
MONT BELVIEU ETHANE 5 DECIMAL	1,525	687.33	121.8%	977.35	56.0%	1,258	745	68.7%
MONT BELVIEU ETHANE OPIS BALM	52	16.52	213.6%	3.35	1446.8%	18	7	151.3%
MONT BELVIEU LDH PROPANE 5 DE	8,874	6,184.57	43.5%	6,480.8	36.9%	8,082	6,816	18.6%
MONT BELVIEU LDH PROPANE OPIS	100	44.95	121.6%	41.35	141.0%	104	125	-17.1%
MONT BELVIEU NATURAL GASOLIN	935	316.71	195.1%	817.85	14.3%	1,323	418	216.4%
MONT BELVIEU NATURAL GASOLIN	38	29.76	26.0%	31.75	18.1%	42	31	37.2%
MONT BELVIEU NORMAL BUTANE 5	2,487	2,483.62	0.1%	3,412.25	-27.1%	3,162	2,308	37.0%
MONT BELVIEU NORMAL BUTANE B	42	67	-37.2%	64.75	-35.0%	63	61	3.1%
NAT GAS BASIS SWAP	0	0	-	0	-	0	0	-
NATURAL GAS	5,864	5,464.81	7.3%	6,581.9	-10.9%	7,316	5,398	35.5%
NATURAL GAS PEN SWP	7,010	779.43	799.3%	2,530.85	177.0%	3,359	1,372	144.9%
NATURAL GAS PHY	429,766	444,634.57	-3.3%	424,233.3	1.3%	477,468	410,296	16.4%
NEPOOL INTR HUB 5MW D AH	0	0	-	0	-	58	285	-79.5%
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	0	33.1	-100.0%	1.25	-100.0%	27	40	-32.1%
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	7	-100.0%
NGPL TEX/OK	0	0	-	0	-	0	11	-100.0%
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	0	0	-	0	-	1	4	-75.8%
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	12	-100.0%
N ROCKIES PIPE SWAP	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	5	21.9	-79.2%	2.5	81.8%	11	22	-50.3%
NY 3.0% FUEL OIL (PLATTS	0	0	-	0	-	0	3	-100.0%
NY HARBOR 1% FUEL OIL BAL	4	0	-	0	-	0	0	278.5%
NY HARBOR HEAT OIL SWP	55	58.05	-4.6%	138.7	-60.1%	142	96	47.8%
NY HARBOR LOW SULPUR GAS 100C	0	0	-	0	-	0	2	-100.0%
NY HARBOR RESIDUAL FUEL 1	26	45.19	-42.8%	5.5	370.2%	32	41	-22.6%
NY HARBOR RESIDUAL FUEL C	0	0	-	0	-	0	0	-
NYH NO 2 CRACK SPREAD CAL	27	67.14	-59.4%	78.75	-65.4%	39	26	50.5%
NYISO CAPACITY	0	0	-	0	-	0	3	-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	0	-	0	-	0	402	-100.0%
NYISO ZONE G 5MW D AH PK	0	0	-	0	-	0	33	-100.0%
NYISO ZONE J 5MW D AH O P	0	0	-	0	-	0	0	-

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Energy Futures								
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	-	3	8	-65.1%
NY ULSD (ARGUS) VS HEATING OIL	4	30.71	-86.1%	14	-69.5%	21	14	54.1%
ONEOK OKLAHOMA NG BASIS	0	0	-	0	-	0	7	-100.0%
ONTARIO POWER SWAPS	0	0	-	0	-	0	0	-100.0%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-	0	0	-
PERMIAN BASIS SWAP	0	0	-	0	-	0	0	-
PETROCHEMICALS	123	101.38	21.1%	99.75	23.1%	149	151	-1.4%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-	1	2	-2.2%
PETRO CRCKS & SPRDS NA	580	1,014.33	-42.8%	856.95	-32.3%	1,319	1,661	-20.6%
PETRO CRK&SPRD EURO	21	46.19	-53.7%	16.4	30.5%	36	138	-73.8%
PETROLEUM PRODUCTS	11	47.86	-76.4%	19.55	-42.1%	55	131	-57.9%
PETROLEUM PRODUCTS ASIA	4	13.81	-68.1%	1	340.9%	28	57	-50.1%
PETRO OUTRIGHT EURO	283	228.71	23.7%	313.1	-9.7%	262	197	32.6%
PETRO OUTRIGHT NA	61	94.29	-35.2%	79.1	-22.7%	122	250	-51.1%
PJM AD HUB 5MW REAL TIME	0	0	-	0	-	0	475	-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	293	-100.0%
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	187	-100.0%
PJM WESTH RT PEAK	0	293.71	-100.0%	0	-	63	237	-73.7%
PLASTICS	47	18.1	159.5%	47.4	-0.9%	51	33	54.8%
PREMIUM UNLD 10P FOB MED	0	0	-	0	-	1	3	-81.7%
PREMIUM UNLEAD 10PPM FOB	0	0	-	0	-	0	1	-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	21	40.71	-49.0%	42.5	-51.1%	74	65	14.8%
PROPANE NON-LDH MT. BEL (OPIS)	1,175	912.81	28.7%	1,087.95	8.0%	1,159	953	21.6%
RBOB CALENDAR SWAP	265	207.81	27.7%	267.15	-0.7%	264	269	-1.9%
RBOB CRACK SPREAD	38	27.14	38.2%	24.75	51.5%	50	56	-11.1%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-	0	0	-100.0%
RBOB GAS	0	0	-	0	-	0	0	-0.4%
RBOB GASOLINE BALMO CLNDR	15	33	-54.4%	12.55	19.9%	24	44	-44.5%

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Energy Futures								
RBOB PHY	156,299	163,705.67	-4.5%	169,299.55	-7.7%	183,765	197,825	-7.1%
RBOB VS HEATING OIL SWAP	0	0	-	0	-	22	1	3662.0%
SAN JUAN BASIS SWAP	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	0	0	-	0	-	0	1	-82.2%
SINGAPORE 380CST BALMO	0	0.24	-100.0%	0	-	0	4	-95.9%
SINGAPORE 380CST FUEL OIL	4	29.33	-85.9%	1.6	158.5%	10	122	-92.1%
SINGAPORE FUEL 180CST CAL	0	3.86	-100.0%	0	-	1	10	-91.5%
SINGAPORE FUEL OIL SPREAD	0	4.29	-100.0%	0	-	0	3	-89.8%
SINGAPORE GASOIL	27	81.52	-66.4%	18.65	47.0%	27	251	-89.2%
SINGAPORE GASOIL CALENDAR	24	63.95	-62.3%	12.8	88.2%	32	15	115.8%
SINGAPORE GASOIL SWAP	189	71.14	166.0%	88.35	114.2%	57	48	19.8%
SINGAPORE GASOIL VS ICE	0	3.57	-100.0%	0	-	1	19	-94.1%
SINGAPORE JET KERO BALMO	0	0	-	0	-	1	0	587.3%
SINGAPORE JET KERO GASOIL	0	0	-	0	-	2	0	472.8%
SINGAPORE JET KEROSENE SW	28	67.33	-58.1%	8.25	241.6%	28	31	-12.2%
SINGAPORE MOGAS 92 UNLEADED	0	0	-	0	-	1	6	-88.4%
SINGAPORE MOGAS 92 UNLEADED	8	325.48	-97.6%	0	-	97	401	-75.9%
SING FUEL	0	0	-	0	-	0	0	-100.0%
Sumas Basis Swap	0	0	-	0	-	0	0	-
TC2 ROTTERDAM TO USAC 37K	0	0.24	-100.0%	0	-	0	10	-98.2%
TC5 RAS TANURA TO YOKOHAM	0	9.29	-100.0%	0	-	1	14	-96.1%
TCO BASIS SWAP	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	14	114.71	-88.0%	48.5	-71.5%	93	243	-61.8%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-	4	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	83	52.67	57.1%	90.75	-8.8%	24	30	-20.1%
ULSD UP-DOWN BALMO SWP	187	455.95	-59.0%	306	-38.9%	245	281	-12.8%
UP DOWN GC ULSD VS NMX HO	1,252	1,379.1	-9.2%	2,023.45	-38.1%	2,101	1,624	29.4%
WAHA BASIS	0	0	-	0	-	0	3	-100.0%
WTI-BRENT BULLET SWAP	0	11.9	-100.0%	0	-	0	9	-100.0%
WTI-BRENT CALENDAR SWAP	1,254	1,509.95	-17.0%	1,544.75	-18.8%	1,707	1,702	0.3%
WTI CALENDAR	1,961	2,394.71	-18.1%	2,847.55	-31.1%	2,760	2,035	35.6%
WTI MIDLAND CRUDE OIL	0	0	-	0	-	1	0	-
WTS (ARGUS) VS WTI SWAP	66	303.48	-78.3%	0	-	224	208	7.4%
WTS (ARGUS) VS WTI TRD MT	31	0	-	3.6	764.9%	52	29	79.1%

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Energy Options								
BRENT CALENDAR SWAP	5	8.86	-49.2%	0	-	30	19	55.2%
BRENT CRUDE OIL 1 M CSO	0	4.76	-100.0%	55	-100.0%	145	142	1.8%
BRENT OIL LAST DAY	2,982	3,326.29	-10.4%	2,631.55	13.3%	3,821	5,798	-34.1%
COAL API2 INDEX	0	0	-	0	-	0	4	-100.0%
CRUDE OIL	0	0	-	2.5	-100.0%	0	1	-66.8%
CRUDE OIL 1MO	5,252	5,050.1	4.0%	9,262.5	-43.3%	8,782	9,765	-10.1%
CRUDE OIL APO	2,940	4,719.67	-37.7%	5,483.5	-46.4%	2,712	2,538	6.9%
CRUDE OIL CALNDR STRIP	0	9.52	-100.0%	6	-100.0%	1	2	-57.7%
CRUDE OIL OUTRIGHTS	0	0	-	0	-	0	4	-100.0%
CRUDE OIL PHY	77,043	101,228.57	-23.9%	122,333.2	-37.0%	120,091	127,709	-6.0%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ETHANOL SWAP	130	261.43	-50.2%	106.75	22.0%	206	487	-57.7%
FREIGHT MARKETS	0	0	-	0	-	0	7	-100.0%
HEATING OIL CRK SPD AVG PRICE	82	0	-	60	36.4%	12	0	-
HEATING OIL PHY	304	584.57	-48.0%	586.4	-48.1%	622	1,265	-50.9%
HENRY HUB FINANCIAL LAST	249	292.29	-14.9%	212.45	17.1%	325	281	15.7%
HO 1 MONTH CLNDR OPTIONS	0	0	-	0	-	0	10	-96.1%
LLS CRUDE OIL	0	0	-	0	-	6	0	-
MCCLOSKEY ARA ARGS COAL	130	3.57	3534.9%	121.25	7.1%	44	2	1892.8%
MCCLOSKEY RCH BAY COAL	0	0	-	0	-	2	4	-57.9%
NATURAL GAS 1 M CSO FIN	1,652	13,504.76	-87.8%	2,179.5	-24.2%	4,450	4,755	-6.4%
NATURAL GAS 2 M CSO FIN	377	480.95	-21.6%	272.5	38.4%	110	124	-10.6%
NATURAL GAS 3 M CSO FIN	282	1,119.05	-74.8%	637.5	-55.8%	1,977	1,000	97.8%
NATURAL GAS 5 M CSO FIN	45	14.29	218.2%	0	-	49	25	93.8%
NATURAL GAS 6 M CSO FIN	27	1,397.62	-98.0%	155	-82.4%	601	540	11.3%
NATURAL GAS OPT	41	0	-	122.5	-66.6%	861	0	-
NATURAL GAS OPTION ON CALEND	250	114.29	118.8%	313	-20.1%	152	125	22.2%
NATURAL GAS PHY	103,134	92,774.95	11.2%	113,192.7	-8.9%	118,390	82,779	43.0%
NATURAL GAS SUMMER STRIP	0	0	-	0	-	2	0	-
NATURAL GAS WINTER STRIP	0	0	-	0	-	2	6	-60.2%
N ROCKIES PIPE SWAP	0	0	-	0	-	0	17	-100.0%
NY HARBOR HEAT OIL SWP	63	60.48	4.9%	35.7	77.7%	76	111	-31.1%
PETROCHEMICALS	0	0	-	25.5	-99.3%	10	23	-56.8%
PETRO OUTRIGHT EURO	0	0	-	0	-	0	0	-83.4%
PETRO OUTRIGHT NA	10	5.71	79.0%	1.5	581.8%	7	3	162.6%
PJM WES HUB PEAK CAL MTH	0	9.52	-100.0%	0	-	3	5	-36.1%
PJM WES HUB PEAK LMP 50MW	0	0	-	0	-	0	3	-100.0%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-	0	1	-100.0%
RBOB CALENDAR SWAP	0	2.86	-100.0%	0	-	9	3	238.4%
RBOB CRACK	0	0	-	0	-	0	0	-
RBOB PHY	195	220.43	-11.5%	423.45	-53.9%	382	616	-37.9%
SAN JUAN PIPE SWAP	0	0	-	0	-	0	15	-100.0%
SHORT TERM	14	26.19	-47.9%	0	-	11	21	-48.6%
SHORT TERM NATURAL GAS	9	55.95	-83.8%	45	-79.8%	44	58	-24.3%
WTI-BRENT BULLET SWAP	1,052	896.43	17.4%	1,165	-9.7%	2,100	2,319	-9.4%
WTI CRUDE OIL 1 M CSO FI	855	1,416.19	-39.7%	5,518.5	-84.5%	4,026	2,366	70.2%

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Metals Futures								
ALUMINUM	439	703.52	-37.6%	663.55	-33.8%	967	673	43.8%
COBALT METAL FUTURES	0	0	-	0	-	0	0	-
COMEX COPPER	70,532	79,319.9	-11.1%	110,723.5	-36.3%	96,118	95,273	0.9%
COMEX E-Mini GOLD	1,112	746.57	48.9%	1,317.25	-15.6%	1,529	958	59.6%
COMEX E-Mini SILVER	291	96.24	201.9%	264.65	9.8%	420	197	113.7%
COMEX GOLD	183,428	256,866.62	-28.6%	308,854	-40.6%	308,804	343,289	-10.0%
COMEX MINY COPPER	89	15.24	483.5%	107.1	-17.0%	55	30	85.4%
COMEX SILVER	76,455	73,463.14	4.1%	106,984.4	-28.5%	103,268	95,830	7.8%
COPPER	107	59.24	81.2%	64.6	66.2%	140	44	215.4%
FERROUS PRODUCTS	138	16.95	713.0%	192.65	-28.5%	105	49	111.5%
GOLD	118	350.86	-66.5%	218.75	-46.3%	316	170	86.2%
HOT ROLLED COIL STEEL FUTURES	34	0	-	80	-58.1%	26	0	-
IRON ORE 62 CHINA PLATTS FUTUR	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI FUTURES	0	74.57	-100.0%	0	-	57	215	-73.3%
IRON ORE CHINA	78	0	-	70.9	10.1%	34	0	-
LNDN ZINC	0	0	-	0	-	0	5	-100.0%
METALS	7	0	-	0	-	1	0	-
MICRO GOLD	72,720	24,425.29	197.7%	79,434.35	-8.5%	86,101	22,650	280.1%
NYMEX HOT ROLLED STEEL	768	433	77.4%	959.7	-20.0%	871	690	26.3%
NYMEX PLATINUM	21,185	28,009.38	-24.4%	13,879.8	52.6%	18,093	23,263	-22.2%
PALLADIUM	1,452	3,954.71	-63.3%	2,969.45	-51.1%	2,719	5,027	-45.9%
SILVER	13,755	1,321.81	940.6%	11,930.9	15.3%	9,684	1,406	588.5%
URANIUM	0	0.95	-100.0%	0	-	7	42	-82.6%
Metals Options								
ALUMINUM	0	0	-	0	-	1	0	-
COMEX COPPER	1,051	2,554.76	-58.9%	1,311.55	-19.9%	1,692	2,797	-39.5%
COMEX GOLD	26,917	40,822.1	-34.1%	49,877	-46.0%	52,227	59,698	-12.5%
COMEX SILVER	5,329	7,613.19	-30.0%	7,633.35	-30.2%	8,751	8,763	-0.1%
COPPER	0	17.14	-100.0%	0.2	-100.0%	14	16	-9.2%
GOLD	6,239	7,147.95	-12.7%	6,758.05	-7.7%	6,888	6,628	3.9%
HOT ROLLED COIL STEEL CALL OPT	0	0	-	0	-	0	4	-92.9%
HOT ROLLED COIL STEEL PUT OPTI	0	0	-	0	-	0	1	-100.0%
IRON ORE 62 CHINA TSI CALL OPTIC	0	0	-	0	-	15	27	-45.5%
IRON ORE 62 CHINA TSI PUT OPTIO	0	1.43	-100.0%	0	-	25	14	74.2%
IRON ORE CHINA	5	0	-	0	-	2	0	-
NYMEX HOT ROLLED STEEL	14	0	-	7.5	81.8%	5	0	-
NYMEX PLATINUM	71	197.71	-64.0%	16.95	320.5%	112	164	-31.8%
PALLADIUM	4	30.43	-87.0%	11.7	-66.2%	28	57	-51.5%
SILVER	290	701	-58.6%	265.6	9.1%	410	349	17.5%
Foreign Exchange Futures								
CHILEAN PESO	0	0	-	0	-	0	2	-100.0%

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	ADV DEC 2020	ADV DEC 2019	% CHG	ADV NOV 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS - WK	17	44.57	-62.0%	12.4	36.7%	35	39	-10.7%
Ags Futures								
FERTILIZER PRODUCTS	74	100.48	-26.3%	174.25	-57.5%	141	98	43.5%

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Ag Products Futures								
BUTTER CS	285	252.43	13.0%	269.75	5.7%	278	211	31.6%
CASH-SETTLED CHEESE	771	607.1	27.0%	646.15	19.4%	657	531	23.7%
CAT ASIA WEATHER	0	0	-	0	-	31	0	-
CATTLE	41,178	45,979.29	-10.4%	60,570.15	-32.0%	63,790	66,345	-3.9%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	13	-100.0%
CDD SEASONAL STRIP	0	0	-	0	-	3	2	66.0%
CDD WEATHER	0	0	-	0	-	38	36	7.1%
CHI WHEAT	93,619	84,016.57	11.4%	159,974.45	-41.5%	131,879	120,663	9.3%
CLASS IV MILK	35	101.48	-65.6%	29	20.2%	105	113	-7.2%
COCOA TAS	0	0	-	0	-	0	0	-100.0%
COFFEE	0	0	-	0	-	0	0	0.0%
CORN	238,441	179,732.57	32.7%	439,641.8	-45.8%	354,755	409,480	-13.4%
COTTON	0	0.05	91.0%	0	-	0	0	50.6%
DJ_UBS ROLL SELECT INDEX FUTU	218	128.29	69.8%	0	-	66	53	24.3%
DOW-UBS COMMOD INDEX	2,561	2,549.67	0.4%	366.9	598.0%	1,466	2,093	-30.0%
DRY WHEY	126	63.05	99.1%	92.15	36.2%	74	60	24.0%
FEEDER CATTLE	11,159	11,609.62	-3.9%	10,589.5	5.4%	12,749	14,320	-11.0%
FERTILIZER PRODUCS	0	1.43	-100.0%	0	-	6	60	-90.7%
GOLDMAN SACHS	582	971.05	-40.1%	608.6	-4.4%	691	1,301	-46.9%
GSCI EXCESS RETURN FUT	4,296	3,122.86	37.6%	93.5	4494.7%	1,498	1,505	-0.5%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	1	-100.0%
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	211	145.24	45.5%	142.5	48.3%	160	60	166.1%
HDD WEATHER EUROPEAN	73	0	-	22.5	223.2%	16	39	-58.6%
HOGS	31,037	42,207.24	-26.5%	42,700.8	-27.3%	48,998	61,991	-21.0%
HOUSING INDEX	0	0.29	-4.6%	0.1	172.7%	1	1	81.7%
Intercommodity Spread	0	0	-	0	-	0	0	-
KC WHEAT	30,675	44,135.86	-30.5%	58,964.25	-48.0%	54,394	61,332	-11.3%
LUMBER	643	565.38	13.6%	384.55	67.1%	617	646	-4.5%
MALAYSIAN PALM SWAP	213	120	77.3%	558.95	-61.9%	199	200	-0.3%
MILK	1,781	1,603.62	11.1%	1,668.15	6.8%	1,694	1,333	27.1%
MINI CORN	1,578	471.1	234.9%	2,351.75	-32.9%	1,318	684	92.6%
MINI SOYBEAN	3,100	1,118.9	177.1%	3,111.5	-0.4%	1,992	904	120.4%
MINI WHEAT	847	230.19	268.1%	953.9	-11.2%	692	350	97.4%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	232	304.19	-23.7%	228	1.8%	365	300	21.9%
OATS	407	454.67	-10.4%	791.45	-48.5%	556	645	-13.8%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	5	0	-
PORK CUTOUT	93	0	-	118.35	-21.0%	17	0	-
ROUGH RICE	1,353	1,485.29	-8.9%	318.35	324.8%	1,017	1,027	-1.0%
SOYBEAN	277,380	237,826.76	16.6%	245,525.6	13.0%	241,593	211,640	14.2%
SOYBEAN MEAL	113,991	142,780.38	-20.2%	122,740.6	-7.1%	118,240	116,680	1.3%
SOYBEAN OIL	131,758	153,007.38	-13.9%	146,348.35	-10.0%	130,284	125,773	3.6%
S&P GSCI ENHANCED ER SWAP	217	358.29	-39.6%	0	-	108	149	-27.3%
SUGAR 11	0	0	-	0	-	0	0	-0.5%
USD CRUDE PALM OIL	187	162.33	15.1%	142.05	31.5%	152	69	121.2%
WHEAT	1,108	510.86	116.9%	1,310.05	-15.4%	1,212	719	68.7%

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Ag Products Options								
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
BUTTER CS	103	86.14	20.1%	66.75	55.0%	131	143	-8.3%
CASH-SETTLED CHEESE	620	509.57	21.7%	415.4	49.3%	590	452	30.5%
CATTLE	7,990	6,702.81	19.2%	9,600.85	-16.8%	10,565	9,577	10.3%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	8	-100.0%
CDD SEASONAL STRIP	0	0	-	0	-	8	20	-60.2%
CHI WHEAT	21,251	23,968.52	-11.3%	22,197.95	-4.3%	30,404	29,153	4.3%
CLASS IV MILK	68	113.86	-40.3%	48.35	40.6%	190	159	18.9%
CORN	110,345	50,667.52	117.8%	115,733.65	-4.7%	96,423	124,284	-22.4%
CORN NEARBY+2 CAL SPRD	12	88.1	-86.3%	145.05	-91.7%	267	330	-19.0%
DEC-DEC CORN CAL SPRD	0	0	-	0	-	12	75	-83.4%
DEC-JULY CORN CAL SPRD	0	0	-	9	-100.0%	16	114	-86.3%
DEC-JULY WHEAT CAL SPRD	0	0	-	2.5	-100.0%	6	0	1457.8%
DRY WHEY	24	7.71	205.8%	52.05	-54.7%	23	32	-27.1%
FEEDER CATTLE	841	824.33	2.1%	982.25	-14.4%	1,177	1,357	-13.2%
HDD EURO SEASONAL STRIP	45	0	-	0	-	28	0	-
HDD SEASONAL STRIP	114	0	-	125	-9.1%	24	0	-
HDD WEATHER	34	0	-	25	36.4%	25	0	-
HDD WEATHER EUROPEAN	23	0	-	0	-	2	0	-
HOGS	5,187	11,771.48	-55.9%	5,183.95	0.1%	11,576	16,628	-30.4%
HOUSING INDEX	0	0	-	0	-	0	0	-100.0%
Intercommodity Spread	0	347.43	-100.0%	0	-	45	54	-17.5%
JAN-MAR SOYBEAN CSO	0	0	-	0	-	0	0	-
JULY-DEC CORN CAL SPRD	40	120	-66.7%	57.5	-30.4%	100	124	-19.2%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-	0	0	-
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	0	0	-
JULY-DEC WHEAT CAL SPRD	0	33.33	-100.0%	0	-	16	9	88.2%
JULY-JULY WHEAT CAL SPRD	1	0	-	0	-	1	0	-
JULY-NOV SOYBEAN CAL SPRD	41	151.76	-73.0%	2.65	1443.7%	59	60	-0.7%
KC WHEAT	1,920	5,538	-65.3%	1,833.35	4.7%	4,384	4,454	-1.6%
LUMBER	46	50.38	-8.8%	32.45	41.6%	41	80	-47.9%
LV CATL CSO	0	1.9	-100.0%	0	-	0	2	-100.0%
MAR-DEC CORN CAL SPRD	1	17.86	-92.4%	0	-	2	2	38.8%
MAR-JULY CORN CAL SPRD	0	0	-	25	-100.0%	12	16	-26.0%
MAR-JULY SOYBEAN CAL SPRD	0	0	-	1	-100.0%	0	0	-
MAR-JULY WHEAT CAL SPRD	5	0	-	0	-	2	0	1693.6%
MILK	1,488	1,749.38	-14.9%	1,542.5	-3.5%	2,103	1,808	16.3%
MLK MID OPTIONS	1	0.71	-23.6%	0	-	1	1	-44.5%
NFD MILK	174	140.1	24.5%	193.75	-10.0%	341	273	24.9%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	11	14	-25.1%
NOV-MAR SOYBEAN CSO	0	0	-	0	-	6	0	7043.6%
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-	1	11	-93.7%
OATS	5	1.1	381.4%	11.7	-54.9%	13	19	-29.2%
PORK CUTOFF	8	0	-	0.15	5293.9%	1	0	-
ROUGH RICE	44	47.33	-6.5%	25.3	75.0%	121	134	-10.0%
SOYBEAN	101,884	52,613.95	93.6%	106,729.9	-4.5%	67,013	53,602	25.0%
SOYBEAN CRUSH	8	1.33	513.7%	31.75	-74.2%	16	1	1139.7%
SOYBEAN MEAL	12,357	9,068.29	36.3%	12,268.75	0.7%	11,769	7,888	49.2%

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Ag Products Options								
SOYBEAN OIL	20,759	10,772.14	92.7%	19,548.5	6.2%	11,084	6,349	74.6%
SOYBN NEARBY+2 CAL SPRD	9	42.86	-78.8%	98.5	-90.8%	56	25	118.0%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-	1	2	-59.3%
WHEAT	82	489.14	-83.2%	3.2	2472.4%	87	267	-67.4%
WHEAT-CORN ICSD	1	0	-	4.05	-67.5%	25	11	120.1%
WHEAT NEARBY+2 CAL SPRD	0	17.86	-100.0%	73.75	-100.0%	32	12	159.9%
TOTAL FUTURES GROUP								
Interest Rate Futures	4,132,069	5,077,145.67	-18.6%	7,404,880.85	-44.2%	6,215,457	7,585,210	-18.1%
Equity Index Futures	4,179,804	2,930,278.57	42.6%	4,788,156.65	-12.7%	4,934,414	2,810,382	75.6%
Metals Futures	442,708	469,858	-5.8%	638,715.55	-30.7%	629,313	589,810	6.7%
Energy Futures	1,575,593	1,869,979.19	-15.7%	1,822,776.1	-13.6%	2,123,997	2,131,631	-0.4%
FX Futures	954,703	979,138.19	-2.5%	724,850.75	31.7%	821,256	810,783	1.3%
Foreign Exchange Futures	0	0	-	0	-	0	2	-100.0%
Ags Futures	74	100.48	-26.3%	174.25	-57.5%	141	98	43.5%
Ag Products Futures	990,152	956,623.38	3.5%	1,301,263.7	-23.9%	1,171,715	1,201,327	-2.5%
TOTAL FUTURES	12,275,104	12,283,123.48	-0.1%	16,680,817.85	-26.4%	15,896,293.25	15,129,243.15	5.1%
TOTAL OPTIONS GROUP								
Interest Rate Options	912,901	2,011,742.14	-54.6%	1,345,215.4	-32.1%	1,816,467	2,763,449	-34.3%
Equity Index Options	501,610	665,261.71	-24.6%	579,415.3	-13.4%	711,519	643,968	10.5%
Metals Options	39,921	59,085.71	-32.4%	65,881.9	-39.4%	70,169	78,518	-10.6%
Energy Options	197,123	227,589.29	-13.4%	264,948.45	-25.6%	270,061	242,952	11.2%
FX Options	32,286	43,054	-25.0%	33,703.7	-4.2%	40,362	51,126	-21.1%
Ag Products Options	285,534	175,944.9	62.3%	297,071.5	-3.9%	248,810	257,552	-3.4%
Foreign Exchange Options	17	44.57	-62.0%	12.4	36.7%	35	39	-10.7%
TOTAL OPTIONS	1,969,390	3,182,722.33	-38.1%	2,586,248.65	-23.9%	3,157,421.6	4,037,603.56	-21.8%
TOTAL COMBINED								
FX	986,989	1,022,192.19	-3.4%	758,554.45	30.1%	861,617	861,909	0.0%
Equity Index	4,681,413	3,595,540.29	30.2%	5,367,571.95	-12.8%	5,645,933	3,454,350	63.4%
Interest Rate	5,044,970	7,088,887.81	-28.8%	8,750,096.25	-42.3%	8,031,924	10,348,659	-22.4%
Energy	1,772,716	2,097,568.48	-15.5%	2,087,724.55	-15.1%	2,394,058	2,374,583	0.8%
Metals	482,629	528,943.71	-8.8%	704,597.45	-31.5%	699,482	668,327	4.7%
Foreign Exchange	17	44.57	-62.0%	12.4	36.7%	35	41	-14.3%
Ags	74	100.48	-26.3%	174.25	-57.5%	141	98	43.5%
Ag Products	1,275,686	1,132,568.29	12.6%	1,598,335.2	-20.2%	1,420,525	1,458,879	-2.6%
GRAND TOTAL	14,244,494	15,465,845.81	-7.9%	19,267,066.5	-26.1%	19,053,714.85	19,166,846.7	-0.6%

*** Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

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