

CME Group Exchange ADV Report - Monthly

November 2019

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	ADV NOV 2019	ADV NOV 2018	% CHG	ADV OCT 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
FX Futures								
AD/CD CROSS RATES	4	0.1	4154.2%	0.39	935.0%	1	0	279.6%
AD/JY CROSS RATES	49	147.14	-66.7%	98.87	-50.4%	132	200	-33.8%
AD/NE CROSS RATES	10	2.95	238.7%	21.13	-52.7%	10	3	195.1%
AUSTRALIAN DOLLAR	88,002	106,145.62	-17.1%	90,218.7	-2.5%	99,079	111,684	-11.3%
BP/JY CROSS RATES	63	100.62	-37.6%	135.43	-53.7%	146	149	-2.2%
BP/SF CROSS RATES	14	8.19	67.3%	15.17	-9.7%	19	17	15.1%
BRAZIL REAL	13,756	4,263.43	222.7%	11,225.09	22.6%	8,484	6,660	27.4%
BRITISH POUND	86,552	136,807.43	-36.7%	148,118.52	-41.6%	118,175	128,810	-8.3%
CANADIAN DOLLAR	67,374	73,561.33	-8.4%	82,004.26	-17.8%	78,227	82,038	-4.6%
CD/JY CROSS RATES	0	0	-	0.17	158.8%	1	6	-89.9%
CHINESE RENMINBI (CNH)	1,305	990.14	31.8%	1,225.65	6.5%	1,339	424	215.4%
CZECK KORUNA (EC)	0	0.1	-100.0%	0	-	0	0	276.5%
CZECK KORUNA (US)	0	0	-	0	-	0	0	-100.0%
EC/AD CROSS RATES	182	68.05	167.4%	142.96	27.3%	235	110	113.4%
EC/CD CROSS RATES	46	37.33	23.3%	91.04	-49.4%	146	159	-8.5%
EC/NOK CROSS RATES	18	8.24	117.9%	34.83	-48.5%	30	18	69.5%
EC/SEK CROSS RATES	16	5.24	209.3%	13.26	22.2%	36	35	2.3%
EFX/BP CROSS RATES	2,595	2,974.81	-12.8%	5,231.74	-50.4%	4,574	4,011	14.0%
EFX/JY CROSS RATES	2,132	2,057.71	3.6%	2,927.74	-27.2%	3,342	3,970	-15.8%
EFX/SF CROSS RATES	1,113	999.76	11.3%	1,267.83	-12.2%	1,670	1,427	17.0%
E-MICRO AUD/USD	3,743	5,859.38	-36.1%	3,914.17	-4.4%	4,875	5,180	-5.9%
E-MICRO CAD/USD	627	745.19	-15.8%	777.65	-19.4%	800	817	-2.1%
E-MICRO CHF/USD	246	70.52	249.2%	219.7	12.1%	155	70	121.3%
E-MICRO EUR/USD	6,901	15,459.33	-55.4%	8,170.17	-15.5%	10,758	17,402	-38.2%
E-MICRO GBP/USD	2,885	2,542.9	13.4%	5,738.3	-49.7%	2,539	2,195	15.7%
E-MICRO INR/USD	162	285.43	-43.4%	189.61	-14.8%	228	236	-3.4%
E-MICRO JPY/USD	787	1,151.14	-31.6%	1,067.22	-26.3%	1,310	1,427	-8.2%
E-MINI EURO FX	2,525	4,040.14	-37.5%	3,188.17	-20.8%	4,351	4,837	-10.1%
E-MINI JAPANESE YEN	904	446.52	102.3%	955.52	-5.4%	829	609	36.0%
EURO FX	148,804	220,319	-32.5%	169,185.57	-12.0%	202,443	273,411	-26.0%
HUNGARIAN FORINT (EC)	0	1.9	-100.0%	0	-	0	0	-100.0%
HUNGARIAN FORINT (US)	0	7.24	-97.2%	0.87	-77.0%	0	3	-95.5%
INDIAN RUPEE	1,359	4,729.9	-71.3%	1,555.3	-12.6%	3,103	4,357	-28.8%
JAPANESE YEN	115,167	128,929.1	-10.7%	111,408.74	3.4%	127,732	145,146	-12.0%
KOREAN WON	10	44.1	-76.5%	17.39	-40.5%	37	26	43.6%
MEXICAN PESO	47,112	62,032.19	-24.1%	50,575.13	-6.8%	59,112	67,675	-12.7%
NEW ZEALND DOLLAR	25,590	29,753.67	-14.0%	22,324.91	14.6%	27,166	29,933	-9.2%
NKR/USD CROSS RATE	211	139.67	51.1%	200.39	5.3%	255	251	1.5%
POLISH ZLOTY (EC)	0	1.05	-100.0%	0.52	-100.0%	2	1	142.4%
POLISH ZLOTY (US)	14	2.57	430.8%	7.17	90.3%	7	5	60.5%
RMB USD	0	1.9	-97.4%	0.04	14.9%	0	0	-86.1%
RUSSIAN RUBLE	1,292	2,345.48	-44.9%	2,190.96	-41.1%	3,844	2,808	36.9%
S.AFRICAN RAND	2,080	1,936.29	7.4%	3,024.43	-31.2%	2,613	2,240	16.7%
SF/JY CROSS RATES	1	0	-	0.61	-17.9%	0	1	-82.3%
SHEKEL	0	0	-	0.57	-38.1%	0	11	-99.2%
SKR/USD CROSS RATES	158	140.33	12.7%	148.26	6.7%	169	239	-29.3%
SWISS FRANC	26,643	23,029.43	15.7%	28,068.48	-5.1%	27,451	28,488	-3.6%
TURKISH LIRA	11	14.76	-25.8%	3.13	249.8%	52	158	-67.1%
USDZAR	0	0	-	0	-	0	0	33.8%

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FX Options								
AUD/USD MONTHLY OPTIONS	2,664	4,884.48	-45.5%	3,912.78	-31.9%	3,286	4,185	-21.5%
AUD/USD WKLY FRIDAY OPTIONS -	15	102.95	-85.8%	293.3	-95.0%	94	197	-52.3%
AUD/USD WKLY FRIDAY OPTIONS -	168	279.24	-39.8%	226.96	-25.9%	273	320	-14.7%
AUD/USD WKLY FRIDAY OPTIONS -	172	506.95	-66.1%	433.96	-60.3%	301	476	-36.9%
AUD/USD WKLY FRIDAY OPTIONS -	242	364.52	-33.5%	287.09	-15.6%	315	495	-36.4%
AUD/USD WKLY FRIDAY OPTIONS -	165	372.43	-55.6%	21.96	653.3%	86	158	-45.8%
AUD/USD WKLY WED OPTIONS - WK	73	375.33	-80.5%	58.17	26.0%	81	156	-48.0%
AUD/USD WKLY WED OPTIONS - WK	71	123.33	-42.5%	47.91	48.1%	81	117	-31.0%
AUD/USD WKLY WED OPTIONS - WK	35	36.86	-3.8%	44.61	-20.5%	38	62	-38.0%
AUD/USD WKLY WED OPTIONS - WK	103	58.43	77.0%	64.26	60.9%	66	101	-34.5%
AUD/USD WKLY WED OPTIONS - WK	0	0	-	59.26	-100.0%	22	39	-41.9%
BRITISH POUND (EU)	0	0.1	-100.0%	0	-	0	1	-100.0%
BRL/USD MONTHLY OPTIONS	55	0	-	14.43	278.6%	8	0	-
CAD/USD MONTHLY OPTIONS	2,604	2,918.76	-10.8%	2,497.87	4.3%	2,513	4,051	-38.0%
CAD/USD WKLY FRIDAY OPTIONS -	35	114.38	-69.3%	372.13	-90.6%	157	281	-44.1%
CAD/USD WKLY FRIDAY OPTIONS -	233	170.29	36.9%	170.48	36.7%	306	558	-45.0%
CAD/USD WKLY FRIDAY OPTIONS -	321	511.76	-37.3%	448.43	-28.5%	440	828	-46.9%
CAD/USD WKLY FRIDAY OPTIONS -	550	771.14	-28.6%	447.74	22.9%	494	793	-37.7%
CAD/USD WKLY FRIDAY OPTIONS -	593	548.86	8.0%	34.74	1607.0%	157	284	-44.8%
CAD/USD WKLY WED OPTIONS - WK	228	76.62	197.8%	158.7	43.8%	147	160	-8.0%
CAD/USD WKLY WED OPTIONS - WK	191	107.05	78.7%	121	58.1%	161	166	-3.2%
CAD/USD WKLY WED OPTIONS - WK	193	326.71	-40.8%	123.35	56.8%	151	205	-26.6%
CAD/USD WKLY WED OPTIONS - WK	224	187.62	19.6%	119.35	88.0%	137	189	-27.2%
CAD/USD WKLY WED OPTIONS - WK	0	0	-	144.83	-100.0%	45	90	-49.8%
CANADIAN DOLLAR (EU)	0	0	-	0	-	0	0	-100.0%
CHF/USD MONTHLY OPTIONS	334	40.52	723.0%	209.52	59.2%	143	109	31.4%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0.83	-100.0%	1	1	-15.9%
CHF/USD WKLY FRIDAY OPTIONS -	20	0	-	13.09	54.7%	12	3	266.9%
CHF/USD WKLY FRIDAY OPTIONS -	3	0.05	7147.9%	5.09	-32.2%	8	4	100.2%
CHF/USD WKLY FRIDAY OPTIONS -	3	0	-	21.04	-85.3%	7	8	-14.2%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	3	3	-13.5%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	0	0	-
EUR/JPY MONTHLY OPTIONS	0	0	-	0	-	0	12	-100.0%
EURO FX (EU)	0	0	-	0	-	0	0	-100.0%
EUR/USD MONTHLY OPTIONS	10,325	19,984.14	-48.3%	11,566.17	-10.7%	16,713	24,339	-31.3%
EUR/USD WKLY FRIDAY OPTIONS -	90	641.38	-85.9%	1,001.7	-91.0%	500	1,236	-59.6%
EUR/USD WKLY FRIDAY OPTIONS -	356	852.9	-58.3%	612.61	-41.9%	1,186	1,501	-21.0%
EUR/USD WKLY FRIDAY OPTIONS -	720	2,298.9	-68.7%	1,292.43	-44.3%	1,399	2,389	-41.4%
EUR/USD WKLY FRIDAY OPTIONS -	900	1,612.43	-44.2%	974.61	-7.7%	1,595	2,391	-33.3%
EUR/USD WKLY FRIDAY OPTIONS -	920	1,385.67	-33.6%	58.35	1477.4%	438	665	-34.2%
EUR/USD WKLY WED OPTIONS - WK	593	692.14	-14.3%	306.52	93.5%	610	613	-0.5%
EUR/USD WKLY WED OPTIONS - WK	441	879.52	-49.9%	342.61	28.7%	594	598	-0.7%
EUR/USD WKLY WED OPTIONS - WK	405	466.05	-13.1%	487.96	-17.0%	601	555	8.2%
EUR/USD WKLY WED OPTIONS - WK	474	362.62	30.7%	771.48	-38.6%	667	635	5.0%
EUR/USD WKLY WED OPTIONS - WK	0	0	-	401.3	-100.0%	178	285	-37.6%
GBP/USD MONTHLY OPTIONS	3,755	12,484.33	-69.9%	7,607.65	-50.6%	5,936	8,980	-33.9%
GBP/USD WKLY FRIDAY OPTIONS -	0	194.67	-99.8%	262.96	-99.9%	142	312	-54.4%
GBP/USD WKLY FRIDAY OPTIONS -	123	583.29	-78.9%	373.52	-67.0%	307	618	-50.4%

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FX Options								
GBP/USD WKLY FRIDAY OPTIONS -	80	1,230.86	-93.5%	1,219.3	-93.5%	430	955	-55.0%
GBP/USD WKLY FRIDAY OPTIONS -	169	901.19	-81.2%	1,105.96	-84.7%	408	968	-57.9%
GBP/USD WKLY FRIDAY OPTIONS -	178	559.29	-68.3%	19	834.5%	137	259	-47.0%
GBP/USD WKLY WED OPTIONS - WK	38	345	-89.0%	98.35	-61.5%	112	177	-37.0%
GBP/USD WKLY WED OPTIONS - WK	178	674.57	-73.6%	195.39	-8.8%	137	238	-42.4%
GBP/USD WKLY WED OPTIONS - WK	29	666	-95.7%	95.17	-69.7%	122	267	-54.3%
GBP/USD WKLY WED OPTIONS - WK	10	184.95	-94.4%	108.78	-90.4%	107	217	-50.6%
GBP/USD WKLY WED OPTIONS - WK	0	0	-	53.83	-100.0%	41	143	-71.5%
JAPANESE YEN (EU)	0	0	-	0	-	0	0	-
JPY/USD MONTHLY OPTIONS	5,835	7,398.29	-21.1%	5,884.39	-0.8%	6,664	7,991	-16.6%
JPY/USD WKLY FRIDAY OPTIONS -	23	175.43	-86.7%	532.61	-95.6%	248	403	-38.5%
JPY/USD WKLY FRIDAY OPTIONS -	416	294.52	41.2%	248.74	67.1%	461	696	-33.8%
JPY/USD WKLY FRIDAY OPTIONS -	499	1,441.05	-65.4%	582.74	-14.4%	673	1,047	-35.7%
JPY/USD WKLY FRIDAY OPTIONS -	410	594.95	-31.0%	381.78	7.5%	642	1,058	-39.3%
JPY/USD WKLY FRIDAY OPTIONS -	553	675.76	-18.2%	80.78	584.1%	256	277	-7.3%
JPY/USD WKLY WED OPTIONS - WK	207	259.19	-20.1%	215.83	-4.0%	222	223	-0.7%
JPY/USD WKLY WED OPTIONS - WK	181	251.71	-28.2%	211.7	-14.6%	204	225	-9.4%
JPY/USD WKLY WED OPTIONS - WK	241	373.33	-35.4%	297.04	-18.9%	211	200	5.9%
JPY/USD WKLY WED OPTIONS - WK	179	123.76	44.5%	189.48	-5.6%	213	226	-5.7%
JPY/USD WKLY WED OPTIONS - WK	0	0	-	159.3	-100.0%	49	103	-52.1%
MXN/USD MONTHLY OPTIONS	69	77.1	-10.4%	59.87	15.4%	71	93	-23.9%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	52.17	-100.0%	5	0	-
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	4.3	-100.0%	2	1	158.7%
MXN/USD WKLY FRIDAY OPTIONS -	12	0	-	0	-	6	1	374.1%
MXN/USD WKLY FRIDAY OPTIONS -	10	0	-	0	-	2	3	-15.8%
MXN/USD WKLY FRIDAY OPTIONS -	1	0	-	0	-	0	0	-
NZD/USD MONTHLY OPTIONS	64	48.43	32.7%	64.09	0.3%	33	4	652.7%
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-100.0%
NZD/USD WKLY FRIDAY OPTIONS -	3	0	-	0	-	1	0	-
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	4.35	-100.0%	1	0	-
NZD/USD WKLY FRIDAY OPTIONS -	30	0	-	6.52	360.0%	3	0	-
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	4.35	-100.0%	0	0	-

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Equity Index Futures								
BITCOIN FUTURES	5,252	5,988.14	-12.3%	4,070.13	29.0%	6,468	3,635	77.9%
DJ US REAL ESTATE	1,672	1,223.52	36.7%	1,740.78	-4.0%	2,310	2,067	11.7%
E-mini (\$5) Dow	135,659	232,667.76	-41.7%	170,630.96	-20.5%	202,531	230,148	-12.0%
E-MINI COM SERVICES SELECT SEC	382	214	78.6%	55.48	589.1%	312	41	664.1%
E-mini FTSE 100 (USD)	0	62.19	-100.0%	0	-	1	67	-97.8%
E-mini FTSE China 50	0	23.71	-100.0%	0	-	3	48	-93.7%
E-MINI MIDCAP	10,745	17,287.29	-37.8%	12,111.43	-11.3%	15,594	18,692	-16.6%
E-MINI NASDAQ 100	336,716	623,524.43	-46.0%	411,972.43	-18.3%	462,668	472,149	-2.0%
E-MINI RUSSELL 1000	155	500.33	-69.1%	119.39	29.6%	402	672	-40.2%
E-MINI RUSSELL 1000 GROWTH	131	542.43	-75.9%	89.35	46.2%	254	527	-51.8%
E-MINI RUSSELL 1000 VALUE	594	614.81	-3.4%	329.57	80.3%	672	712	-5.5%
E-MINI RUSSELL 2000	110,779	149,070.1	-25.7%	118,380.61	-6.4%	144,017	141,933	1.5%
E-MINI S&P500	1,152,956	1,769,200.57	-34.8%	1,350,202.09	-14.6%	1,558,508	1,690,209	-7.8%
E-MINI S&P REAL ESTATE SELECT S	527	160.62	227.9%	665.43	-20.8%	316	338	-6.5%
FT-SE 100	0	55.57	-100.0%	0	-	2	60	-97.3%
FTSE Emerging	91	141.86	-36.1%	91.83	-1.2%	100	35	190.3%
IBOVESPA INDEX	35	6.48	442.0%	43.22	-18.8%	33	53	-37.1%
MICRO E-MINI NASDAQ 100	155,712	0	-	207,688.09	-25.0%	123,735	0	-
MICRO E-MINI RUSSELL 2000	24,177	0	-	33,282.87	-27.4%	19,265	0	-
MICRO E-MINI S&P500	174,599	0	-	280,990.48	-37.9%	167,742	0	-
MICRO MINI \$5 DOW	31,880	0	-	52,245.74	-39.0%	30,793	0	-
NASDAQ BIOTECH	13	4.76	172.0%	16.13	-19.7%	18	30	-37.8%
Nearby BTIC+	1	0	-	1.04	-52.1%	0	0	-
NIFTY 50	0	0	-	0	-	0	235	-100.0%
NIKKEI 225 (\$) STOCK	7,025	12,946.1	-45.7%	8,565.39	-18.0%	10,296	14,821	-30.5%
NIKKEI 225 (YEN) STOCK	31,303	40,880.67	-23.4%	38,179	-18.0%	38,637	42,457	-9.0%
S&P 500	2,637	4,690.71	-43.8%	3,220.96	-18.1%	4,735	6,512	-27.3%
S&P 500 ANNUAL DIVIDEND INDEX F	1,891	828	128.4%	1,681.3	12.5%	1,297	713	81.9%
S&P 500/GI	0	0	-	0	-	0	0	-17.5%
S&P 500 QUARLY DIVIDEND INDEX F	10	10.48	-6.9%	27	-63.9%	11	4	180.3%
S&P 600 SMALLCAP EMINI	27	0	-	2.7	884.9%	15	0	350751.2%
S&P CONSUMER DSCRTNRY SECTC	248	1,123.52	-78.0%	264.13	-6.3%	403	937	-56.9%
S&P CONSUMER STAPLES SECTOR	565	713.1	-20.8%	520.61	8.4%	913	1,164	-21.6%
S&P ENERGY SECTOR	532	1,855.48	-71.3%	644.57	-17.5%	838	1,653	-49.3%
S&P FINANCIAL SECTOR	1,049	2,246.67	-53.3%	876.39	19.7%	1,531	2,452	-37.6%
S&P HEALTH CARE SECTOR	419	1,369.05	-69.4%	539.61	-22.3%	921	927	-0.7%
S&P INDUSTRIAL SECTOR	383	959.29	-60.1%	452.48	-15.4%	604	858	-29.6%
S&P MATERIALS SECTOR	250	558.67	-55.3%	619.61	-59.7%	483	596	-19.0%
S&P TECHNOLOGY SECTOR	343	2,523.62	-86.4%	516.96	-33.7%	699	1,690	-58.7%
S&P UTILITIES SECTOR	1,021	1,648.14	-38.1%	659.17	54.9%	1,454	1,945	-25.2%
S&P VALUE INDEX FUTURES	0	0	-	0	-	0	0	-9.6%
YEN DENOMINATED TOPIX	800	28.43	2713.5%	955.74	-16.3%	899	25	3538.8%

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	ADV NOV 2019	ADV NOV 2018	% CHG	ADV OCT 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Equity Index Options								
E-mini (\$5) Dow	104	428.19	-75.6%	126.52	-17.4%	192	460	-58.1%
E-MINI NASDAQ 100	5,972	11,873.24	-49.7%	8,912.91	-33.0%	9,605	11,566	-17.0%
E-MINI RUSSELL 2000	1,217	529.19	129.9%	947.87	28.3%	774	617	25.3%
E-MINI S&P500	244,855	314,584.1	-22.2%	262,101.22	-6.6%	259,604	280,497	-7.4%
EOM E-MINI RUSSELL 2000 END OF	396	501.38	-21.1%	280.22	41.1%	414	321	29.0%
EOM EMINI S&P	74,576	111,255.24	-33.0%	82,042.04	-9.1%	91,209	124,983	-27.0%
EOM S&P 500	5,992	7,487.48	-20.0%	3,290.78	82.1%	5,571	8,590	-35.1%
EOW1 E-MINI RUSSELL 2000 WEEKL	57	81.05	-30.1%	67.74	-16.4%	72	98	-26.1%
EOW1 E-MINI RUSSELL 2000 WEEKL	87	92.24	-5.9%	72.04	20.5%	93	121	-23.4%
EOW1 EMINI S&P 500	25,072	55,437.62	-54.8%	54,773.3	-54.2%	46,219	53,394	-13.4%
EOW1 S&P 500	3,484	1,640.38	112.4%	4,530.65	-23.1%	3,499	3,813	-8.2%
EOW2 E-MINI RUSSELL 2000 WEEKL	164	253.29	-35.3%	184	-10.9%	235	238	-1.4%
EOW2 EMINI S&P 500	34,529	62,388.48	-44.7%	54,231.7	-36.3%	47,503	61,760	-23.1%
EOW2 S&P 500	6,650	6,331.05	5.0%	6,831.43	-2.7%	6,181	7,433	-16.9%
EOW3 E-MINI RUSSELL 2000 WEEKL	688	665.57	3.3%	1,509.17	-54.4%	718	894	-19.7%
EOW3 EMINI S&P 500	80,304	152,337.86	-47.3%	145,090.39	-44.7%	111,993	174,289	-35.7%
EOW3 S&P 500	4,282	8,319.52	-48.5%	7,414.26	-42.2%	5,921	12,804	-53.8%
EOW4 E-MINI RUSSELL 2000 WEEKL	137	224.67	-38.8%	125.87	9.2%	155	250	-38.1%
EOW4 EMINI S&P 500	43,605	47,175.38	-7.6%	35,572.57	22.6%	41,111	53,533	-23.2%
S&P 500	10,833	19,477.57	-44.4%	7,401.17	46.4%	10,964	14,931	-26.6%
Interest Rate Futures								
10-YR NOTE	2,144,170	2,348,640.81	-8.7%	1,407,773.04	52.3%	1,824,254	1,834,990	-0.6%
10-YR SWAP RATE	2,165	781.95	176.9%	2,686.09	-19.4%	3,400	1,902	78.8%
15-YR SWAP RATE	0	0	-	0	-	24	0	-
1-MONTH EUROSOLLAR	2	0	-	0	-	2	137	-98.6%
20-YR SWAP RATE	0	0	-	0	-	0	0	-
2-YR NOTE	1,136,406	956,595.1	18.8%	571,179.3	99.0%	749,264	544,183	37.7%
2-YR SWAP RATE	873	0	-	1,384.13	-36.9%	2,236	0	-
30-YR BOND	419,165	490,446.14	-14.5%	293,565.65	42.8%	355,173	369,299	-3.8%
30-YR SWAP RATE	7	0	-	23.78	-71.8%	29	4	577.6%
3-YR SWAP RATE	125	0	-	370.09	-66.1%	765	0	-
4-YR SWAP RATE	26	0	-	154.52	-83.2%	402	0	-
5-YR NOTE	1,570,077	1,761,423.52	-10.9%	824,386	90.5%	1,207,270	1,148,552	5.1%
5-YR SWAP RATE	2,006	752.33	166.6%	3,759.74	-46.7%	3,820	1,139	235.5%
7-YR SWAP RATE	113	0	-	162.43	-30.2%	194	0	-
EUROSOLLARS	1,817,656	2,807,013.1	-35.2%	2,305,462.78	-21.2%	2,816,362	2,988,087	-5.7%
FED FUND	256,871	268,164.57	-4.2%	357,832.91	-28.2%	372,834	247,162	50.8%
SOFR	48,302	11,889.05	306.3%	44,133.74	9.4%	36,247	3,450	950.6%
SONIA	10,460	5,948.81	75.8%	8,205.17	27.5%	8,728	803	986.8%
Ultra 10-Year Note	306,926	256,111.9	19.8%	171,021.17	79.5%	235,467	187,863	25.3%
ULTRA T-BOND	289,927	303,805.19	-4.6%	122,217.57	137.2%	196,746	187,197	5.1%

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Interest Rate Options								
10-YR NOTE	693,288	947,502.95	-26.8%	731,529.13	-5.2%	675,538	668,077	1.1%
2-YR NOTE	27,043	14,328	88.7%	28,469.83	-5.0%	24,813	23,576	5.2%
30-YR BOND	166,920	175,856.29	-5.1%	150,101.48	11.2%	148,279	140,607	5.5%
5-YR NOTE	223,186	247,909.71	-10.0%	263,659.61	-15.4%	233,192	163,930	42.3%
EURODOLLARS	743,799	509,895.71	45.9%	947,288.57	-21.5%	1,140,600	688,289	65.7%
EURO MIDCURVE	396,208	780,559.81	-49.2%	407,902.35	-2.9%	607,777	727,078	-16.4%
FED FUND	48	24.05	100.4%	550.52	-91.2%	337	79	329.6%
Ultra 10-Year Note	340	2.86	11789.7%	0.52	65014.1%	147	1	26526.1%
ULTRA T-BOND	1,913	1,261.71	51.6%	874.04	118.8%	1,103	405	172.1%

Energy Futures

3.5% FUEL OIL CID MED SWA	0	0	-	0	-	0	3	-84.1%
3.5% FUEL OIL CIF BALMO S	0	0	-	0	-	0	0	-78.9%
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
AEP-DAYTON HUB MTHLY	0	0	-	0	-	0	0	-
AEP-DAYTON HUB OFF-PEAK M	0	0	-	0	-	0	0	-
ALGONQUIN CITYGATES BASIS	0	0	-	0	-	0	0	-
ANR OKLAHOMA	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	197	867.67	-77.3%	299.17	-34.2%	378	1,039	-63.6%
ARGUS PROPAN FAR EST INDE	260	266.43	-2.6%	245.48	5.7%	292	282	3.4%
ARGUS PROPAN(SAUDI ARAMCO	137	129.81	5.8%	112.7	21.9%	142	134	5.4%
AUSTRIALIAN COKE COAL	0	0	-	0	-	0	0	-100.0%
BRENT BALMO SWAP	0	0	-	8.57	-100.0%	8	1	590.7%
BRENT CALENDAR SWAP	382	101.19	277.4%	629.26	-39.3%	354	165	114.8%
BRENT CFD SWAP	0	0	-	0	-	0	1	-100.0%
BRENT FINANCIAL FUTURES	3	47.62	-93.9%	4.35	-33.3%	37	91	-59.6%
BRENT OIL LAST DAY	87,079	108,108.05	-19.5%	99,843.04	-12.8%	103,185	86,918	18.7%
CANADIAN LIGHT SWEET OIL	0	0	-	0	-	0	0	-
CENTERPOINT BASIS SWAP	0	0	-	0	-	0	0	-100.0%
CHICAGO ETHANOL SWAP	3,778	4,143.19	-8.8%	3,735.61	1.1%	4,794	4,545	5.5%
CHICAGO ULSD PL VS HO SPR	33	44.38	-26.7%	6.13	431.0%	26	22	20.7%
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-	6	4	44.8%
CIG BASIS	0	0	-	0	-	0	1	-100.0%
CINERGY HUB OFF-PEAK MONT	0	0	-	0	-	0	0	-
CINERGY HUB PEAK MONTH	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH O PK	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH PK	0	25.62	-100.0%	8.7	-100.0%	21	53	-60.5%
CIN HUB 5MW REAL TIME O P	0	0	-	0	-	17	0	-
CIN HUB 5MW REAL TIME PK	0	0	-	0	-	1	6	-78.3%
COAL SWAP	0	2.86	-100.0%	0	-	0	2	-100.0%
COLUMB GULF MAINLINE NG B	0	0	-	0	-	2	0	-
CONWAY NATURAL GASOLINE (OPI	11	43.62	-74.6%	3.04	264.7%	11	11	-2.2%
CONWAY NORMAL BUTANE (OPIS) S	34	3.33	912.5%	19.57	72.5%	23	12	92.2%
CONWAY PROPANE 5 DECIMALS S	645	653.71	-1.3%	549.39	17.4%	697	754	-7.7%
CRUDE OIL	165	171.43	-3.8%	167.39	-1.4%	216	279	-22.6%
CRUDE OIL OUTRIGHTS	3,549	1,926.71	84.2%	2,890.43	22.8%	3,037	2,654	14.4%

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Energy Futures								
CRUDE OIL PHY	953,639	1,313,364.57	-27.4%	1,013,270.7	-5.9%	1,178,847	1,222,907	-3.6%
CRUDE OIL SPRDS	651	510.38	27.5%	882.13	-26.3%	994	1,799	-44.7%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
DAILY PJM	0	0	-	0	-	0	0	-
DATED TO FRONTLINE BRENT	0	0	-	0	-	4	14	-70.1%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-	0	0	-100.0%
DOMINION TRAN INC - APP I	0	0	-	0	-	0	0	-
DOMINION TRANSMISSION INC	0	0	-	0	-	0	1	-100.0%
DUBAI CRUDE OIL BALMO	0	0	-	0	-	0	1	-100.0%
DUBAI CRUDE OIL CALENDAR	12	728.81	-98.4%	0	-	78	430	-81.8%
DUTCH TTF NATURAL GAS CAL MO	1,260	175.48	618.2%	925.74	36.1%	549	78	604.5%
EASTERN RAIL DELIVERY CSX	0	0	-	0	-	0	1	-100.0%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-	0	1	-89.3%
EIA FLAT TAX ONHWAY DIESE	2	14.9	-87.9%	1.26	42.8%	15	14	8.4%
ELEC ERCOT DLY OFF PK	0	0	-	0	-	0	0	-
ELEC ERCOT DLY PEAK	0	0	-	0	-	0	0	-
ELEC ERCOT OFF PEAK	0	0	-	0	-	0	84	-100.0%
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	2,637.14	-100.0%	0	-	0	239	-100.0%
ERCOT HOUSTON Z MCPE 5MW PEA	0	0	-	0	-	0	8	-100.0%
ERCOT NORTH ZMCPE 5MW OFFPE	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPE	0	0	-	0	-	0	84	-100.0%
ERCOT NORTH ZMCPE 5MW PEAK	0	0	-	0	-	0	22	-100.0%
ETHANOL	181	587.76	-69.2%	196.35	-7.9%	333	437	-23.8%
ETHANOL SWAP	4	12.86	-72.8%	5.22	-32.9%	4	3	43.9%
ETHANOL T2 FOB ROTT INCL DUTY	277	307.67	-10.0%	269.7	2.7%	178	163	8.9%
EURO 1% FUEL OIL NEW BALM	0	0	-	0	-	0	0	-90.9%
EURO 3.5% FUEL OIL RDAM B	5	11.19	-57.6%	0.57	740.4%	2	24	-90.0%
EURO 3.5% FUEL OIL SPREAD	1	0	-	1.09	-54.0%	1	4	-78.2%
EURO-DENOMINATED PETRO PROD	0	0	-	0	-	0	3	-100.0%
EURO GASOIL 10PPM VS ICE	0	0	-	0	-	0	2	-100.0%
EUROPE 1% FUEL OIL NWE CA	0	5.71	-100.0%	5.13	-100.0%	3	2	18.5%
EUROPE 1% FUEL OIL RDAM C	0	0	-	0	-	0	0	-100.0%
EUROPE 3.5% FUEL OIL MED	1	0.19	293.7%	0	-	2	4	-59.5%
EUROPE 3.5% FUEL OIL RDAM	58	152.62	-62.3%	26.96	113.7%	46	332	-86.2%
EUROPEAN GASOIL (ICE)	4	59.71	-93.0%	6.09	-31.0%	5	30	-82.2%
EUROPEAN NAPHTHA BALMO	1	8.76	-91.4%	1.52	-50.7%	6	13	-52.1%
EUROPEAN NAPHTHA CRACK SPR	155	405.86	-61.8%	59.7	159.7%	176	446	-60.6%
EUROPE DATED BRENT SWAP	0	120	-100.0%	0	-	7	20	-65.3%
EUROPE JET KERO NWE CALSW	0	0	-	0	-	0	0	-79.4%
EUROPE NAPHTHA CALSWAP	28	124.48	-77.2%	11.65	143.3%	74	164	-55.0%
EURO PROPANE CIF ARA SWA	97	97.67	-0.6%	79.13	22.6%	91	88	3.6%
FREIGHT MARKETS	21	73.9	-71.2%	94.65	-77.5%	47	34	38.2%
FUEL OIL CRACK VS ICE	102	68.67	49.2%	73.91	38.6%	83	162	-48.7%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	0	1	-91.2%
FUEL OIL (PLATS) CAR CM	0	0	-	0	-	0	1	-96.1%
FUEL OIL (PLATS) CAR CN	0	0	-	0	-	0	1	-100.0%

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Energy Futures								
FUELOIL SWAP:CARGOES VS.B	3	0.71	285.0%	3.91	-29.7%	7	9	-25.3%
GAS EURO-BOB OXY NWE BARGES	95	253.24	-62.7%	58.91	60.4%	217	352	-38.4%
GAS EURO-BOB OXY NWE BARGES	430	608.57	-29.3%	229.83	87.2%	374	854	-56.3%
GASOIL 0.1CIF MED VS ICE	0	0	-	0	-	0	0	-100.0%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-	0	0	-
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0	-	0	0	110.9%
GASOIL 0.1 ROTTERDAM BARG	0	1.24	-100.0%	0.04	-100.0%	1	6	-90.7%
GASOIL 10PPM VS ICE SWAP	0	0	-	0	-	0	0	226.5%
GASOIL CALENDAR SWAP	6	0.57	967.6%	0.78	679.5%	1	0	318.5%
GASOIL CRACK SPREAD CALEN	184	28.76	538.3%	51.65	255.5%	46	164	-72.3%
GASOIL MINI CALENDAR SWAP	72	38.24	87.4%	48.96	46.4%	23	12	87.7%
GERMAN POWER BASELOAD CAL M	41	65.57	-38.2%	62.61	-35.2%	104	19	437.1%
GROUP THREE ULSD (PLATTS)	0	2.14	-100.0%	0	-	0	1	-100.0%
GROUP THREE UNLEAD GAS (P	0	0	-	0	-	1	2	-29.1%
GRP THREE ULSD(PLT)VS HEA	51	182.19	-72.1%	123.96	-59.1%	158	169	-6.7%
GRP THREE UNL GS (PLT) VS	59	82.62	-28.3%	123.7	-52.1%	118	101	17.5%
GULF COAST 3% FUEL OIL BA	15	33.48	-54.6%	30.17	-49.6%	38	59	-34.8%
GULF COAST JET FUEL CLNDR	0	9.86	-100.0%	0	-	1	6	-80.9%
GULF COAST JET VS NYM 2 H	358	1,083.71	-67.0%	589.22	-39.2%	912	1,670	-45.4%
GULF COAST NO.6 FUEL OIL	796	1,495.38	-46.7%	759.3	4.9%	1,057	2,565	-58.8%
GULF COAST ULSD CALENDAR	5	12.1	-60.3%	4	20.0%	17	15	7.3%
GULF COAST ULSD CRACK SPR	0	11.43	-100.0%	0	-	2	7	-78.2%
HEATING OIL BALMO CLNDR S	0	0	-	0	-	2	1	133.5%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	0	-
HEATING OIL PHY	198,689	215,084.81	-7.6%	221,605.35	-10.3%	171,793	185,512	-7.4%
HENRY HUB BASIS SWAP	248	0	-	26.09	850.7%	92	138	-33.7%
HENRY HUB FINANCIAL LAST	0	0	-	0	-	0	119	-100.0%
HENRY HUB INDEX SWAP FUTU	248	0	-	26.09	850.7%	92	138	-33.7%
HENRY HUB SWAP	4,443	7,969.76	-44.2%	2,145.26	107.1%	4,589	7,970	-42.4%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-	3	0	-
HTG OIL	0	1.14	-100.0%	0	-	0	1	-19.6%
ICE BRENT DUBAI SWAP	394	185.24	112.6%	251.48	56.6%	273	450	-39.3%
IN DELIVERY MONTH EUA	0	0	-	0	-	0	5	-100.0%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	6	9.76	-36.0%	2.83	121.2%	15	7	104.7%
ISO NEW ENGLAND OFF-PEAK	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	0	0	-	0	-	0	0	-
JAPAN C&F NAPHTHA CRACK S	0	7.67	-100.0%	0	-	1	8	-89.6%
JAPAN C&F NAPHTHA SWAP	10	52.62	-80.4%	10.65	-3.3%	44	96	-54.5%
JAPAN NAPHTHA BALMO SWAP	0	0.95	-100.0%	0	-	1	3	-46.7%
JET AV FUEL (P) CAR FM ICE GAS S	0	0	-	0	-	0	0	-100.0%
JET CIF NWE VS ICE	0	0	-	1.3	-100.0%	1	3	-59.0%
JET FUEL CRG CIF NEW VS I	0	0	-	0	-	1	0	-
JET FUEL UP-DOWN BALMO CL	89	255.71	-65.3%	191.09	-53.6%	188	283	-33.6%
JKM LNG Futures	168	158.81	6.0%	174.35	-3.5%	90	68	32.9%
LA CARB DIESEL (OPIS) SWA	0	5.95	-100.0%	1.09	-100.0%	2	13	-87.0%
LA CARBOB GASOLINE(OPIS)S	0	19.52	-100.0%	0	-	12	24	-47.6%
LA JET (OPIS) SWAP	14	33.33	-58.7%	59.78	-77.0%	56	91	-38.9%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	3	-100.0%

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	ADV NOV 2019	ADV NOV 2018	% CHG	ADV OCT 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures								
LLS (ARGUS) VS WTI SWAP	62	133.33	-53.3%	68.3	-8.9%	87	256	-66.2%
LOS ANGELES CARB GASOLINE	0	0.48	-100.0%	0	-	0	0	0.5%
LTD NAT GAS	14,579	30,293.9	-51.9%	11,813.78	23.4%	14,341	18,038	-20.5%
MARS (ARGUS) VS WTI SWAP	10	46.9	-78.7%	5.43	84.0%	64	96	-33.5%
MARS (ARGUS) VS WTI TRD M	655	603.1	8.6%	1,070.96	-38.8%	862	948	-9.1%
MARS BLEND CRUDE OIL	0	0	-	0	-	0	10	-100.0%
MCCLOSKEY ARA ARGS COAL	1,526	1,189.48	28.3%	1,630.3	-6.4%	1,459	1,132	28.9%
MCCLOSKEY RCH BAY COAL	77	100	-22.8%	124.26	-37.9%	108	139	-22.4%
MGF FUT	0	0.48	-100.0%	0.43	-100.0%	0	1	-96.3%
MGN1 SWAP FUT	1	5.71	-91.3%	0.43	15.0%	2	4	-37.0%
MICHIGAN BASIS	0	0	-	0	-	0	0	-
MICHIGAN MISO	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	4	17.24	-75.6%	0.87	383.0%	9	16	-45.0%
MINI RBOB V. EBOBARG NWE BRGS	0	0	-	3.91	-100.0%	17	15	16.1%
MINI RBOB V. EBOB(ARGUS) NWE B	54	62.95	-14.9%	42.26	26.8%	88	87	2.0%
MINY HTG OIL	0	0.19	5.0%	0.13	53.4%	0	0	-17.9%
MINY NATURAL GAS	2,906	5,361.29	-45.8%	2,471.09	17.6%	1,669	1,670	-0.1%
MINY RBOB GAS	0	0.29	5.0%	0.13	130.1%	0	0	61.2%
MINY WTI CRUDE OIL	17,948	29,316.9	-38.8%	19,872.7	-9.7%	22,344	17,564	27.2%
MJC FUT	0	2.38	-100.0%	0	-	1	6	-89.7%
MNC FUT	69	239.33	-71.1%	71.3	-2.9%	156	197	-21.1%
MONT BELVIEU ETHANE 5 DECIMAL	591	402.19	46.9%	673.09	-12.2%	750	745	0.8%
MONT BELVIEU ETHANE OPIS BALM	6	3.81	44.4%	1.3	321.7%	7	7	-10.6%
MONT BELVIEU LDH PROPANE 5 DE	6,769	6,503.86	4.1%	6,253.09	8.3%	6,873	5,959	15.3%
MONT BELVIEU LDH PROPANE OPIS	88	89.1	-1.0%	83.26	5.9%	132	116	13.6%
MONT BELVIEU NATURAL GASOLIN	724	374.19	93.6%	448.48	61.5%	427	396	7.8%
MONT BELVIEU NATURAL GASOLIN	34	1.9	1698.1%	32.48	5.5%	31	16	98.2%
MONT BELVIEU NORMAL BUTANE 5	2,851	1,566.81	82.0%	2,091.78	36.3%	2,292	1,724	33.0%
MONT BELVIEU NORMAL BUTANE B	46	43.81	4.5%	60.65	-24.5%	60	52	16.5%
NAT GAS BASIS SWAP	0	0	-	0	-	0	0	-
NATURAL GAS	4,843	10,379.52	-53.3%	4,966.13	-2.5%	5,392	5,795	-7.0%
NATURAL GAS PEN SWP	1,683	2,601.52	-35.3%	875.35	92.2%	1,426	1,682	-15.2%
NATURAL GAS PHY	498,025	677,111.71	-26.4%	477,006.57	4.4%	407,174	458,641	-11.2%
NEPOOL CNCTCT 5MW D AH O	0	0	-	0	-	0	0	-
NEPOOL CONECTIC 5MW D AH	0	0	-	0	-	0	0	-
NEPOOL INTR HUB 5MW D AH	0	0	-	9.57	-100.0%	311	643	-51.6%
NEPOOL NE MASS 5MW D AH O	0	0	-	0	-	0	0	-
NEPOOL NE MASS 5MW D AH P	0	0	-	0	-	0	0	-
NEPOOL RHD ISLD 5MW D AH	0	0	-	0	-	0	0	-
NEPOOL RHODE IL 5MW D AH	0	0	-	0	-	0	0	-
NEPOOL W CNT MASS 5MW D A	0	0	-	0	-	0	0	-
NEPOOL W CNTR M 5MW D AH	0	0	-	0	-	0	0	-
NEW ENGLAND HUB PEAK DAIL	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	69	16.05	330.0%	47.61	44.9%	40	52	-21.9%
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	61.9	-100.0%	0	-	8	20	-62.8%
NGPL TEX/OK	0	146.67	-100.0%	0	-	12	206	-94.3%
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-

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Energy Futures								
N ILLINOIS HUB MTHLY	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	0	0	-	4.35	-100.0%	4	13	-68.9%
NORTHERN NATURAL GAS DEMAR	0	0	-	0	-	0	0	-
NORTHERN NATURAL GAS VENTU	0	0	-	0	-	0	0	-100.0%
NORTHWEST ROCKIES BASIS S	0	0	-	0	-	13	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-	0	0	-100.0%
NY1% VS GC SPREAD SWAP	15	24.29	-37.2%	16.74	-8.9%	22	60	-64.0%
NY 3.0% FUEL OIL (PLATTS	0	0	-	0	-	3	8	-56.6%
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-	0	0	-49.8%
NY HARBOR HEAT OIL SWP	36	224.9	-84.1%	154.3	-76.8%	100	120	-16.8%
NY HARBOR LOW SULPUR GAS 100C	0	28.57	-100.0%	0	-	2	15	-88.6%
NY HARBOR RESIDUAL FUEL 1	115	29.57	289.7%	30.87	273.3%	41	49	-17.6%
NY HARBOR RESIDUAL FUEL C	0	2.38	-100.0%	0	-	0	0	-100.0%
NYH NO 2 CRACK SPREAD CAL	8	25.43	-70.5%	39.13	-80.8%	22	37	-39.4%
NYISO CAPACITY	0	2.86	-100.0%	0	-	3	8	-61.5%
NYISO J	0	0	-	0	-	0	0	-
NYISO J OFF-PEAK	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH O P	0	0	-	0	-	0	191	-100.0%
NYISO ZONE A 5MW D AH PK	0	0	-	0	-	0	8	-100.0%
NYISO ZONE G 5MW D AH O P	0	550	-100.0%	0	-	439	2,700	-83.7%
NYISO ZONE G 5MW D AH PK	0	30.24	-100.0%	9.57	-100.0%	36	91	-60.2%
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	-	23.91	-100.0%	9	0	-
NY ULSD (ARGUS) VS HEATING OIL	0	0	-	51.09	-100.0%	12	1	1206.1%
ONEOK OKLAHOMA NG BASIS	0	0	-	0	-	8	12	-30.9%
ONTARIO POWER SWAPS	0	0	-	0	-	1	0	1155.5%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-	0	1	-100.0%
PANHANDLE PIPE SWAP	0	0	-	0	-	0	0	-
PERMIAN BASIS SWAP	0	0	-	0	-	0	0	-
PETROCHEMICALS	184	160.38	14.9%	108.43	70.0%	156	215	-27.4%
PETRO CRCKS & SPRDS ASIA	0	15.71	-100.0%	0	-	2	4	-59.1%
PETRO CRCKS & SPRDS NA	1,359	1,655.33	-17.9%	1,331.74	2.0%	1,719	1,988	-13.5%
PETRO CRK&SPRD EURO	57	325.1	-82.5%	87.48	-35.1%	146	409	-64.4%
PETROLEUM PRODUCTS	383	224.14	70.9%	76.39	401.4%	138	246	-43.7%
PETROLEUM PRODUCTS ASIA	5	107.86	-95.4%	18.26	-72.6%	61	95	-35.9%
PETRO OUTRIGHT EURO	199	175	13.7%	206.61	-3.7%	195	215	-9.3%
PETRO OUTRIGHT NA	172	276.38	-37.9%	224.61	-23.6%	264	370	-28.6%
PJM AD HUB 5MW REAL TIME	0	1,173.57	-100.0%	0	-	518	341	52.0%
PJM ATSI ELEC	0	0	-	0	-	0	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	-

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Energy Futures								
PJM NI HUB 5MW REAL TIME	0	0	-	0	-	320	53	502.7%
PJM NILL DA OFF-PEAK	0	0	-	0	-	0	3	-100.0%
PJM NILL DA PEAK	0	0	-	0	-	0	0	-100.0%
PJM OFF-PEAK LMP SWAP FUT	0	0	-	0	-	0	0	-
PJM PECO ZONE5MW PEAK CAL MO	0	140.95	-100.0%	0	-	0	13	-100.0%
PJM PSEG DA OFF-PEAK	0	2,637.14	-100.0%	0	-	0	340	-100.0%
PJM PSEG DA PEAK	0	140.95	-100.0%	0	-	0	18	-100.0%
PJM WESTH DA OFF-PEAK	0	0	-	0	-	0	439	-100.0%
PJM WESTHDA PEAK	0	0	-	0	-	0	24	-100.0%
PJM WESTH RT OFF-PEAK	0	1,112.38	-100.0%	0	-	204	1,606	-87.3%
PJM WESTH RT PEAK	0	85.67	-100.0%	189.35	-100.0%	232	263	-11.7%
PLASTICS	37	33.76	9.0%	34.87	5.5%	34	22	58.9%
PREMIUM UNLD 10P FOB MED	1	21.24	-95.1%	0	-	4	12	-69.6%
PREMIUM UNLEAD 10PPM FOB	0	0.24	-100.0%	0	-	1	2	-68.5%
PREM UNL GAS 10PPM RDAM FOB B	0	0.14	-100.0%	0	-	0	0	-75.8%
PREM UNL GAS 10PPM RDAM FOB S	0	0	-	0	-	0	1	-89.2%
PROPANE NON-LDH MB (OPIS) BAL	39	0.33	11496.2%	81.35	-52.5%	67	22	198.5%
PROPANE NON-LDH MT. BEL (OPIS)	1,542	589.67	161.6%	1,057.83	45.8%	957	600	59.5%
RBOB CALENDAR SWAP	311	172	81.0%	182.17	70.9%	275	268	2.5%
RBOB CRACK SPREAD	103	2.62	3832.8%	59.13	74.2%	59	41	42.1%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-	0	0	-
RBOB GAS	0	0	-	0.52	-100.0%	0	62	-99.4%
RBOB GASOLINE BALMO CLNDR	79	18.86	320.8%	8.61	821.7%	45	48	-6.5%
RBOB PHY	179,285	188,274.38	-4.8%	166,629.43	7.6%	200,926	199,178	0.9%
RBOB SPREAD (PLATTS) SWAP	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	0	0	-	3.26	-100.0%	1	9	-92.4%
SAN JUAN BASIS SWAP	0	0	-	0	-	0	0	-100.0%
SAN JUAN PIPE SWAP	0	0	-	0	-	0	2	-100.0%
SINGAPORE 180CST BALMO	0	0.48	-100.0%	0.91	-100.0%	1	2	-52.2%
SINGAPORE 380CST BALMO	6	4.43	31.0%	0.74	684.7%	4	10	-59.2%
SINGAPORE 380CST FUEL OIL	107	370	-71.2%	73.17	45.8%	130	396	-67.2%
SINGAPORE FUEL 180CST CAL	5	20.29	-74.6%	2.74	88.0%	11	37	-71.2%
SINGAPORE FUEL OIL SPREAD	2	8.33	-70.6%	1.91	28.1%	3	27	-88.8%
SINGAPORE GASOIL	208	309.19	-32.7%	221.91	-6.2%	267	258	3.4%
SINGAPORE GASOIL CALENDAR	16	6.19	152.8%	10.17	53.8%	10	25	-58.6%
SINGAPORE GASOIL SWAP	65	75.48	-14.3%	21.91	195.0%	46	204	-77.6%
SINGAPORE GASOIL VS ICE	5	114.43	-96.1%	4.48	0.5%	20	555	-96.3%
SINGAPORE JET KERO BALMO	0	0	-	2.17	-100.0%	0	1	-76.6%
SINGAPORE JET KERO GASOIL	0	32.14	-100.0%	0	-	0	150	-99.7%
SINGAPORE JET KEROSENE SW	25	13.1	87.1%	44.13	-44.5%	28	57	-50.9%
SINGAPORE JET KERO VS. GASOIL	0	0	-	0	-	0	2	-100.0%
SINGAPORE MOGAS 92 UNLEADED	0	2.38	-100.0%	0	-	6	25	-73.9%
SINGAPORE MOGAS 92 UNLEADED	299	669.81	-55.4%	115.39	158.8%	408	655	-37.7%
SINGAPORE NAPHTHA SWAP	0	0	-	0	-	0	1	-100.0%
SING FUEL	1	0	-	0.22	475.0%	0	0	-69.9%
SOUTH STAR TEX OKLHM KNS	0	0	-	0	-	0	0	-
Sumas Basis Swap	0	0	-	0	-	0	0	-100.0%
TC2 ROTTERDAM TO USAC 37K	1	9.29	-86.5%	8.26	-84.9%	11	5	134.5%
TC5 RAS TANURA TO YOKOHAM	1	7.62	-90.2%	2.61	-71.3%	15	5	189.5%

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Energy Futures								
TCO BASIS SWAP	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	142	243.33	-41.7%	420.17	-66.3%	254	76	236.5%
TENNESSEE ZONE 0 BASIS SW	0	0	-	0	-	0	0	-
Tetco STX Basis	0	0	-	0	-	0	0	-
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-	0	0	-
TEXAS GAS ZONE1 NG BASIS	0	0	-	0	-	0	0	-
Transco Zone 3 Basis	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	-66.5%
UK NBP NAT GAS CAL MTH FUT	15	96.71	-84.7%	15.87	-7.1%	27	209	-86.8%
ULSD 10PPM CIF MED VS ICE	0	0	-	0	-	0	0	-100.0%
ULSD UP-DOWN BALMO SWP	248	379.57	-34.8%	482.83	-48.7%	265	276	-3.9%
UP DOWN GC ULSD VS NMX HO	1,961	1,670.24	17.4%	2,177.61	-10.0%	1,646	1,563	5.3%
WAHA BASIS	0	0	-	0	-	3	14	-79.6%
WESTERN RAIL DELIVERY PRB	0	0	-	0	-	0	0	-100.0%
WTI-BRENT BULLET SWAP	0	0	-	21.91	-100.0%	8	29	-70.5%
WTI-BRENT CALENDAR SWAP	1,738	874.33	98.8%	1,724.3	0.8%	1,720	1,438	19.6%
WTI CALENDAR	3,004	1,768.57	69.8%	1,905.78	57.6%	2,002	1,610	24.3%
WTS (ARGUS) VS WTI SWAP	72	149.43	-51.8%	268.04	-73.1%	200	382	-47.8%
WTS (ARGUS) VS WTI TRD MT	6	5.71	0.6%	26.96	-78.7%	31	27	17.3%

Energy Options

BRENT 1 MONTH CAL	0	0	-	0	-	0	13	-100.0%
BRENT CALENDAR SWAP	45	13.62	230.4%	0	-	20	58	-64.9%
BRENT CRUDE OIL 12 M CSO	0	0	-	0	-	0	9	-100.0%
BRENT CRUDE OIL 1 M CSO	0	28.57	-100.0%	26.09	-100.0%	155	1,772	-91.3%
BRENT CRUDE OIL 6 M CSO	0	0	-	0	-	0	4	-100.0%
BRENT OIL LAST DAY	4,558	13,597.24	-66.5%	3,886.78	17.3%	6,022	9,802	-38.6%
COAL API2 INDEX	0	16.19	-100.0%	0.43	-100.0%	5	44	-89.6%
COAL API4 INDEX	0	0	-	0	-	0	0	-100.0%
COAL SWAP	0	0	-	0	-	0	0	-
CRUDE OIL	0	0	-	0	-	1	0	-
CRUDE OIL 1MO	5,458	9,678.33	-43.6%	6,333.74	-13.8%	10,193	9,617	6.0%
CRUDE OIL APO	5,267	2,528.67	108.3%	1,055.96	398.8%	2,339	2,099	11.5%
CRUDE OIL CALNDR STRIP	0	0	-	0	-	1	1	18.1%
CRUDE OIL OUTRIGHTS	0	0	-	0	-	4	36	-88.5%
CRUDE OIL PHY	100,966	284,969.33	-64.6%	109,939.39	-8.2%	130,117	181,826	-28.4%
ETHANOL	0	0	-	0	-	0	2	-100.0%
ETHANOL SWAP	327	168.1	94.5%	418.91	-21.9%	508	301	68.6%
FREIGHT MARKETS	0	0	-	0	-	8	0	-
HEATING OIL PHY	1,104	2,627.14	-58.0%	1,073.48	2.8%	1,327	1,514	-12.3%
HENRY HUB FINANCIAL LAST	80	193.95	-58.8%	238.22	-66.4%	280	207	35.5%
HO 1 MONTH CLNDR OPTIONS	20	119.05	-83.2%	0	-	11	11	-1.5%
LLS CRUDE OIL	0	0	-	0	-	0	0	-100.0%
MCCLOSKEY ARA ARGS COAL	15	0	-	2.17	590.0%	2	1	66.2%
MCCLOSKEY RCH BAY COAL	1	3.33	-62.5%	7.83	-84.0%	5	9	-47.3%

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	ADV NOV 2019	ADV NOV 2018	% CHG	ADV OCT 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Options								
NATURAL GAS 1 M CSO FIN	8,058	5,864.29	37.4%	5,952.22	35.4%	3,960	2,122	86.6%
NATURAL GAS 2 M CSO FIN	741	1.43	51786.5%	26.09	2741.5%	91	6	1378.4%
NATURAL GAS 3 M CSO FIN	145	0	-	39.13	270.6%	989	191	418.5%
NATURAL GAS 5 M CSO FIN	68	0	-	82.61	-18.3%	26	11	140.3%
NATURAL GAS 6 M CSO FIN	2,133	576.19	270.1%	717.39	197.3%	462	416	11.0%
NATURAL GAS OPTION ON CALEND	161	317.14	-49.2%	166.09	-3.1%	126	148	-15.0%
NATURAL GAS PHY	108,651	161,643.76	-32.8%	94,542.35	14.9%	81,871	101,572	-19.4%
NATURAL GAS WINTER STRIP	0	0	-	0	-	6	12	-44.2%
N ROCKIES PIPE SWAP	0	73.33	-100.0%	7.91	-100.0%	19	15	22.9%
NY HARBOR HEAT OIL SWP	14	286.14	-95.3%	318.87	-95.8%	115	138	-16.8%
NYISO ZONE G 5MW PEAK OPTIONS	0	0	-	0	-	0	0	-
PANHANDLE PIPE SWAP	0	0	-	0	-	0	0	-
PETROCHEMICALS	1	0.48	183.5%	0.7	94.1%	25	49	-49.6%
PETRO OUTRIGHT EURO	0	0	-	0.52	-100.0%	0	0	-
PETRO OUTRIGHT NA	6	17.14	-65.0%	0	-	2	2	-1.7%
PJM WES HUB PEAK CAL MTH	8	3.81	96.9%	8.26	-9.2%	4	7	-40.2%
PJM WES HUB PEAK LMP 50MW	0	4	-100.0%	0	-	4	32	-88.8%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-	1	3	-78.5%
RBOB CALENDAR SWAP	0	3.57	-100.0%	3.26	-100.0%	2	5	-48.6%
RBOB CRACK	0	0	-	0	-	0	0	-100.0%
RBOB PHY	373	698.86	-46.6%	260.26	43.3%	652	587	10.9%
ROTTERDAM 3.5%FUEL OIL CL	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	0	0	-	39.57	-100.0%	17	9	81.3%
SHORT TERM	28	52.38	-47.4%	0	-	21	41	-50.0%
SHORT TERM NATURAL GAS	63	64.29	-2.5%	70.65	-11.3%	58	107	-45.9%
SINGAPORE GASOIL CALENDAR	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALEND	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	1,610	1,496.9	7.6%	972.83	65.5%	2,448	3,615	-32.3%
WTI CRUDE OIL 1 M CSO FI	1,480	6,863.81	-78.4%	3,663.04	-59.6%	2,452	3,737	-34.4%

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	ADV NOV 2019	ADV NOV 2018	% CHG	ADV OCT 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Metals Futures								
ALUMINUM	1,365	683.71	99.7%	1,125.83	21.3%	670	645	3.9%
COMEX COPPER	105,833	121,272.52	-12.7%	72,780.7	45.4%	96,724	134,931	-28.3%
COMEX E-Mini GOLD	1,141	453.67	151.4%	1,145.91	-0.5%	978	396	147.0%
COMEX E-Mini SILVER	124	49.86	149.1%	159.26	-22.0%	206	54	280.3%
COMEX GOLD	446,371	302,440	47.6%	348,528.26	28.1%	351,145	328,317	7.0%
COMEX MINY COPPER	25	16.05	54.9%	23.65	5.1%	31	21	45.1%
COMEX SILVER	116,714	109,482.14	6.6%	78,718.09	48.3%	97,863	97,786	0.1%
COPPER	29	67.48	-56.9%	99.13	-70.6%	43	70	-38.7%
E-MICRO GOLD	34,602	7,702	349.3%	35,347.57	-2.1%	22,489	7,093	217.0%
FERROUS PRODUCTS	58	89.9	-35.6%	31.87	81.7%	52	82	-36.0%
GOLD	984	0	-	681.3	44.4%	153	0	-
Gold Kilo	0	0	-	0	-	0	1	-100.0%
IRON ORE 62 CHINA PLATTS FUTUR	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI FUTURES	96	228.24	-58.0%	85.26	12.5%	228	183	24.1%
LNDN ZINC	0	139.57	-100.0%	0	-	5	58	-90.8%
NYMEX HOT ROLLED STEEL	520	570.76	-8.9%	635.48	-18.2%	713	484	47.2%
NYMEX PLATINUM	19,984	17,754.71	12.6%	17,752.57	12.6%	22,832	21,404	6.7%
PALLADIUM	6,564	7,052.86	-6.9%	3,944.52	66.4%	5,124	5,857	-12.5%
SILVER	2,727	592.71	360.1%	1,748.78	55.9%	1,414	387	265.4%
URANIUM	0	103.29	-100.0%	0	-	46	28	65.1%
Metals Options								
COMEX COPPER	2,850	1,951.29	46.0%	2,418.22	17.8%	2,819	1,406	100.5%
COMEX GOLD	47,536	42,331.76	12.3%	51,929.7	-8.5%	61,414	46,467	32.2%
COMEX SILVER	8,035	8,047.71	-0.2%	7,418.78	8.3%	8,867	7,467	18.7%
COPPER	46	6.43	615.6%	34.87	31.9%	15	3	491.2%
GOLD	7,711	2,411	219.8%	7,618.39	1.2%	6,581	2,038	222.9%
HOT ROLLED COIL STEEL CALL OPT	0	14.29	-100.0%	6.52	-100.0%	5	1	251.5%
HOT ROLLED COIL STEEL PUT OPTI	8	0	-	0	-	1	0	-
IRON ORE 62 CHINA TSI CALL OPTIC	0	0	-	1.3	-100.0%	30	1	3329.7%
IRON ORE 62 CHINA TSI PUT OPTIO	0	0	-	0	-	16	6	182.5%
NYMEX PLATINUM	104	129.57	-20.0%	148.65	-30.2%	161	185	-12.6%
PALLADIUM	65	45.38	44.1%	69.91	-6.5%	59	124	-52.1%
SILVER	452	172.81	161.8%	449.65	0.6%	317	104	204.9%
Foreign Exchange Futures								
CHILEAN PESO	0	129.9	-100.0%	0	-	2	104	-98.3%
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS - WK	8	22.81	-65.1%	73.78	-89.2%	39	43	-9.8%

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	ADV NOV 2019	ADV NOV 2018	% CHG	ADV OCT 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Ags Futures								
FERTILIZER PRODUCTS	90	125.95	-28.3%	155.87	-42.1%	98	56	76.4%

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Ag Products Futures								
BUTTER CS	221	242.43	-8.8%	284.83	-22.3%	207	207	0.0%
CASH-SETTLED CHEESE	567	639.48	-11.3%	426.65	32.9%	524	523	0.1%
CATTLE	74,415	69,854	6.5%	50,214.22	48.2%	68,196	66,030	3.3%
CAT WEATHER EUROPEAN	0	0	-	0	-	14	0	-
CDD SEASONAL STRIP	0	0	-	0	-	2	3	-24.7%
CDD WEATHER	0	0	-	0	-	39	9	319.3%
CHI WHEAT	130,729	146,368.38	-10.7%	84,888.7	54.0%	123,995	152,234	-18.5%
CLASS IV MILK	56	101.43	-44.7%	84.74	-33.8%	114	37	212.3%
COCOA TAS	0	0	-	0	-	0	0	60.2%
COFFEE	0	0	-	0	-	0	0	-
CORN	415,134	461,454.67	-10.0%	265,369.74	56.4%	430,367	401,119	7.3%
COTTON	0	0.05	-100.0%	0.09	-100.0%	0	0	81.8%
DJ_UBS ROLL SELECT INDEX FUTU	0	0	-	0	-	46	72	-35.8%
DOW-UBS COMMOD INDEX	426	2,770.14	-84.6%	1,015.61	-58.0%	2,051	3,644	-43.7%
DRY WHEY	68	48.05	41.9%	60.61	12.5%	59	66	-10.5%
FEEDER CATTLE	11,717	10,769.76	8.8%	12,231.3	-4.2%	14,566	14,213	2.5%
FERTILIZER PRODUCTS	9	112.86	-92.0%	36.74	-75.5%	66	107	-38.7%
GOLDMAN SACHS	1,239	1,510.29	-18.0%	1,203.74	2.9%	1,331	1,494	-10.9%
GSCI EXCESS RETURN FUT	16	187.19	-91.3%	150.78	-89.2%	1,358	1,525	-10.9%
HDD EURO SEASONAL STRIP	13	0	-	0	-	1	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-100.0%
HDD WEATHER	380	202.38	87.8%	104.35	264.2%	52	61	-13.8%
HDD WEATHER EUROPEAN	188	285.71	-34.4%	76.09	146.4%	42	103	-59.2%
HOGS	61,750	60,344.19	2.3%	53,916.3	14.5%	63,790	55,166	15.6%
HOUSING INDEX	1	0.52	33.6%	0.83	-15.3%	1	0	42.6%
Intercommodity Spread	0	0	-	0	-	0	0	-
KC WHEAT	78,439	65,491.62	19.8%	49,260.22	59.2%	62,896	63,427	-0.8%
LUMBER	628	677.24	-7.3%	630.91	-0.5%	653	884	-26.1%
MALAYSIAN PALM SWAP	208	34.29	506.7%	90.43	130.0%	207	192	7.8%
MILK	1,569	1,476.14	6.3%	1,581.74	-0.8%	1,308	1,179	10.9%
MINI CORN	693	571.57	21.2%	563.83	22.9%	704	486	44.8%
MINI SOYBEAN	684	1,161.71	-41.2%	1,242.48	-45.0%	884	1,090	-18.9%
MINI WHEAT	270	283.29	-4.7%	322.17	-16.2%	361	366	-1.3%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	290	275.43	5.3%	212.78	36.3%	299	240	24.4%
OATS	995	983.76	1.1%	542	83.6%	662	714	-7.3%
ROUGH RICE	613	361.43	69.5%	1,323.43	-53.7%	986	900	9.5%
SOYBEAN	170,824	163,791.48	4.3%	300,572.04	-43.2%	209,259	233,939	-10.5%
SOYBEAN MEAL	150,462	117,627.9	27.9%	103,137.96	45.9%	114,308	128,160	-10.8%
SOYBEAN OIL	162,136	149,489.48	8.5%	119,957.96	35.2%	123,297	124,182	-0.7%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	130	146	-11.2%
SUGAR 11	0	0	-	0	-	0	0	-82.7%
USD CRUDE PALM OIL	124	22.86	442.5%	52.61	135.7%	60	34	73.9%
WHEAT	539	911.19	-40.8%	800.04	-32.6%	737	724	1.8%

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Ag Products Options								
BUTTER CS	120	173.52	-30.9%	107.04	12.1%	148	191	-22.4%
CASH-SETTLED CHEESE	353	382.19	-7.7%	397.91	-11.3%	446	476	-6.2%
CATTLE	11,064	7,728.67	43.2%	10,274.65	7.7%	9,839	10,758	-8.5%
CAT WEATHER EUROPEAN	0	0	-	0	-	9	0	-
CDD SEASONAL STRIP	0	0	-	0	-	22	3	617.4%
CHI WHEAT	18,646	25,902.19	-28.0%	20,357.43	-8.4%	29,625	38,299	-22.6%
CLASS IV MILK	68	77.76	-12.9%	79.52	-14.9%	164	54	201.0%
CORN	73,905	78,325	-5.6%	97,354.39	-24.1%	130,976	105,253	24.4%
CORN NEARBY+2 CAL SPRD	347	227.62	52.4%	990.22	-65.0%	351	133	164.2%
DEC-DEC CORN CAL SPRD	18	0	-	156.57	-88.6%	81	90	-9.1%
DEC-JULY CORN CAL SPRD	330	98.81	234.3%	63	424.4%	124	84	48.1%
DEC-JULY WHEAT CAL SPRD	3	2.38	7.1%	2.22	15.0%	0	8	-94.1%
DRY WHEY	7	4.19	74.2%	22.48	-67.5%	34	28	21.6%
FEEDER CATTLE	1,045	1,176.14	-11.2%	971.09	7.6%	1,405	1,372	2.4%
HDD EURO SEASONAL STRIP	0	23.81	-100.0%	0	-	0	2	-100.0%
HDD SEASONAL STRIP	0	0	-	0	-	0	39	-100.0%
HDD WEATHER	0	4.76	-100.0%	0	-	0	2	-100.0%
HOGS	13,181	10,829.29	21.7%	14,545.39	-9.4%	17,070	11,257	51.6%
HOUSING INDEX	0	0	-	0	-	0	0	-
Intercommodity Spread	260	18.81	1283.6%	5.17	4930.1%	27	49	-44.6%
JULY-DEC CORN CAL SPRD	400	19.05	2000.0%	356.78	12.1%	125	48	158.7%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-	0	5	-100.0%
JULY-DEC WHEAT CAL SPRD	0	9.52	-100.0%	2.17	-100.0%	6	11	-42.5%
JULY-NOV SOYBEAN CAL SPRD	2	37.95	-95.0%	243.74	-99.2%	51	254	-79.8%
KC WHEAT	3,730	2,569.57	45.2%	3,660.26	1.9%	4,355	4,039	7.8%
LUMBER	77	73	5.2%	60.13	27.7%	82	84	-1.9%
LV CATL CSO	1	0.67	50.0%	0	-	2	1	74.5%
MAR-DEC CORN CAL SPRD	0	0	-	0.39	-100.0%	0	0	-
MAR-JULY CORN CAL SPRD	200	0	-	0	-	17	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-	0	1	-84.9%
MILK	1,799	1,779.29	1.1%	1,796.13	0.2%	1,813	1,671	8.6%
MLK MID OPTIONS	0	0.33	-40.0%	0.3	-34.3%	1	2	-49.9%
NFD MILK	186	332.57	-44.1%	190.35	-2.4%	285	244	16.6%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	15	0	357295.3%
NOV-MAR SOYBEAN CSO	0	0	-	0	-	0	1	-84.5%
NOV-NOV SOYBEAN CAL SPRD	0	0	-	40.61	-100.0%	12	1	2307.1%
OATS	10	30.95	-68.0%	11.09	-10.7%	20	28	-27.2%
ROUGH RICE	133	42.57	212.9%	138	-3.5%	142	75	90.6%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-	0	5	-100.0%
SOYBEAN	42,940	64,204.57	-33.1%	51,842.22	-17.2%	53,692	77,407	-30.6%
SOYBEAN CRUSH	6	0	-	7.61	-16.5%	1	1	66.1%
SOYBEAN MEAL	9,381	6,833.91	37.3%	7,796.04	20.3%	7,781	13,306	-41.5%
SOYBEAN OIL	8,024	6,146.19	30.6%	7,392.13	8.5%	5,946	5,731	3.8%
SOYBN NEARBY+2 CAL SPRD	1	0	-	0	-	24	0	55393.7%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-	2	36	-94.2%
WHEAT	338	83.9	302.8%	216.04	56.4%	247	30	718.8%
WHEAT-CORN ICSO	0	0	-	8.7	-100.0%	12	25	-50.0%
WHEAT NEARBY+2 CAL SPRD	0	14.52	-100.0%	5.09	-100.0%	12	60	-80.4%

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TOTAL FUTURES GROUP								
Interest Rate Futures	8,005,277	9,211,572.48	-13.1%	6,114,318.13	30.9%	7,813,216	7,514,767	4.0%
Equity Index Futures	2,190,574	2,873,670.48	-23.8%	2,702,452.65	-18.9%	2,799,482	2,638,404	6.1%
Metals Futures	737,136	568,699.48	29.6%	562,808.17	31.0%	600,715	597,797	0.5%
Energy Futures	2,004,667	2,635,469.14	-23.9%	2,058,926.56	-2.6%	2,155,418	2,260,035	-4.6%
FX Futures	650,462	832,207.33	-21.8%	755,705.78	-13.9%	795,478	927,251	-14.2%
Foreign Exchange Futures	0	129.9	-100.0%	0	-	2	104	-98.3%
Ags Futures	90	125.95	-28.3%	155.87	-42.1%	98	56	76.4%
Ag Products Futures	1,265,401	1,258,050.91	0.6%	1,050,355.91	20.5%	1,223,573	1,253,280	-2.4%
TOTAL FUTURES	14,853,607	17,379,925.67	-14.5%	13,244,723.09	12.1%	15,387,981.3	15,191,693.6	1.3%
TOTAL OPTIONS GROUP								
Interest Rate Options	2,252,746	2,677,341.09	-15.9%	2,530,376.04	-11.0%	2,831,786	2,412,042	17.4%
Equity Index Options	543,003	801,083.48	-32.2%	675,505.87	-19.6%	642,032	810,592	-20.8%
Metals Options	66,807	55,110.24	21.2%	70,096	-4.7%	80,284	57,801	38.9%
Energy Options	241,378	491,911.05	-50.9%	229,854.74	5.0%	244,348	320,153	-23.7%
FX Options	37,816	71,591.81	-47.2%	48,288.57	-21.7%	51,860	74,945	-30.8%
Ag Products Options	186,575	207,153.71	-9.9%	219,094.87	-14.8%	264,971	271,164	-2.3%
Foreign Exchange Options	8	22.81	-65.1%	73.78	-89.2%	39	43	-9.8%
TOTAL OPTIONS	3,328,333	4,304,214.19	-22.7%	3,773,289.87	-11.8%	4,115,320.03	3,946,740.04	4.3%
TOTAL COMBINED								
FX	688,277	903,799.14	-23.8%	803,994.35	-14.4%	847,338	1,002,196	-15.5%
Equity Index	2,733,577	3,674,753.95	-25.6%	3,377,958.52	-19.1%	3,441,514	3,448,996	-0.2%
Interest Rate	10,258,022	11,888,913.57	-13.7%	8,644,694.17	18.7%	10,645,002	9,926,809	7.2%
Energy	2,246,045	3,127,380.19	-28.2%	2,288,781.3	-1.9%	2,399,766	2,580,188	-7.0%
Metals	803,943	623,809.71	28.9%	632,904.17	27.0%	680,999	655,598	3.9%
Foreign Exchange	8	152.71	-94.8%	73.78	-89.2%	40	147	-72.5%
Ags	90	125.95	-28.3%	155.87	-42.1%	98	56	76.4%
Ag Products	1,451,976	1,465,204.62	-0.9%	1,269,450.78	14.4%	1,488,544	1,524,444	-2.4%
GRAND TOTAL	18,181,940	21,684,139.86	-16.2%	17,018,012.96	6.8%	19,503,301.33	19,138,433.63	1.9%

*** 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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