

CME Group Exchange ADV Report - Monthly

October 2019

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	ADV OCT 2019	ADV OCT 2018	% CHG	ADV SEP 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
FX Futures								
AD/CD CROSS RATES	0	0	-	0.8	-51.1%	1	0	149.1%
AD/JY CROSS RATES	99	136.65	-27.6%	123.6	-20.0%	140	205	-31.6%
AD/NE CROSS RATES	21	1.48	1329.4%	34.75	-39.2%	10	3	191.4%
AUSTRALIAN DOLLAR	90,219	96,753.22	-6.8%	105,254.85	-14.3%	100,129	112,236	-10.8%
BP/JY CROSS RATES	135	113.87	18.9%	307.95	-56.0%	153	154	-0.1%
BP/SF CROSS RATES	15	14.22	6.7%	12.6	20.4%	20	17	12.6%
BRAZIL REAL	11,225	6,121.09	83.4%	9,739.05	15.3%	7,984	6,899	15.7%
BRITISH POUND	148,119	104,679.78	41.5%	158,879.35	-6.8%	121,172	128,014	-5.3%
CANADIAN DOLLAR	82,004	72,499.04	13.1%	96,597.4	-15.1%	79,255	82,882	-4.4%
CD/JY CROSS RATES	0	4.35	-96.0%	0.05	247.8%	1	7	-90.6%
CHINESE RENMINBI (CNH)	1,226	793.48	54.5%	1,739.3	-29.5%	1,342	368	264.5%
CZECK KORUNA (EC)	0	0	-	0.6	-100.0%	0	0	400.7%
CZECK KORUNA (US)	0	0	-	0	-	0	0	-100.0%
EC/AD CROSS RATES	143	80.87	76.8%	357.45	-60.0%	240	114	110.0%
EC/CD CROSS RATES	91	55.78	63.2%	355.7	-74.4%	155	171	-9.5%
EC/NOK CROSS RATES	35	10.22	240.9%	48.6	-28.3%	32	19	67.1%
EC/SEK CROSS RATES	13	5.96	122.6%	87.5	-84.8%	38	38	-0.8%
EFX/BP CROSS RATES	5,232	2,713.13	92.8%	7,680.5	-31.9%	4,762	4,115	15.7%
EFX/JY CROSS RATES	2,928	2,874.78	1.8%	6,810.35	-57.0%	3,457	4,160	-16.9%
EFX/SF CROSS RATES	1,268	1,241.78	2.1%	3,034.75	-58.2%	1,722	1,470	17.2%
E-MICRO AUD/USD	3,914	4,820.91	-18.8%	3,394.75	15.3%	4,982	5,113	-2.5%
E-MICRO CAD/USD	778	627.74	23.9%	826.1	-5.9%	816	824	-0.9%
E-MICRO CHF/USD	220	64.91	238.4%	189.75	15.8%	147	70	109.1%
E-MICRO EUR/USD	8,170	15,119.74	-46.0%	10,062.7	-18.8%	11,124	17,595	-36.8%
E-MICRO GBP/USD	5,738	1,199.48	378.4%	2,695.9	112.9%	2,507	2,160	16.0%
E-MICRO INR/USD	190	340.52	-44.3%	240.6	-21.2%	234	231	1.4%
E-MICRO JPY/USD	1,067	1,359.57	-21.5%	1,285.85	-17.0%	1,360	1,454	-6.5%
E-MINI EURO FX	3,188	4,164.13	-23.4%	5,468.8	-41.7%	4,524	4,917	-8.0%
E-MINI JAPANESE YEN	956	634.17	50.7%	1,050.95	-9.1%	822	626	31.4%
EURO FX	169,186	235,608.3	-28.2%	285,759	-40.8%	207,527	278,695	-25.5%
HUNGARIAN FORINT (EC)	0	1.74	-100.0%	0	-	0	0	-100.0%
HUNGARIAN FORINT (US)	1	3.22	-73.0%	0.05	1639.0%	0	3	-95.0%
INDIAN RUPEE	1,555	5,488.83	-71.7%	4,063.65	-61.7%	3,268	4,320	-24.3%
JAPANESE YEN	111,409	157,567.09	-29.3%	149,770.35	-25.6%	128,923	146,760	-12.2%
KOREAN WON	17	42.48	-59.1%	109	-84.0%	39	24	65.1%
MEXICAN PESO	50,575	65,541.26	-22.8%	69,055.9	-26.8%	60,250	68,237	-11.7%
NEW ZEALND DOLLAR	22,325	22,032.22	1.3%	31,618.75	-29.4%	27,316	29,951	-8.8%
NKR/USD CROSS RATE	200	326.13	-38.6%	447.1	-55.2%	259	262	-1.2%
POLISH ZLOTY (EC)	1	0.52	0.0%	1.1	-52.6%	2	1	169.9%
POLISH ZLOTY (US)	7	7.39	-2.9%	17.45	-58.9%	7	5	41.6%
RMB USD	0	0.09	-50.0%	0.05	-13.0%	0	0	-68.0%
RUSSIAN RUBLE	2,191	1,864.48	17.5%	9,132.35	-76.0%	4,086	2,854	43.2%
S.AFRICAN RAND	3,024	1,534.04	97.2%	4,033.35	-25.0%	2,664	2,271	17.3%
SF/JY CROSS RATES	1	0	-	0.2	204.4%	0	1	-87.4%
SHEKEL	1	0.57	0.0%	0	-	0	12	-99.5%
SKR/USD CROSS RATES	148	317.52	-53.3%	325.6	-54.5%	170	249	-31.7%
SWISS FRANC	28,068	24,541.83	14.4%	36,272.3	-22.6%	27,528	29,032	-5.2%
TURKISH LIRA	3	55.57	-94.4%	174.95	-98.2%	56	173	-67.6%
USDZAR	0	0.43	-100.0%	0	-	0	0	33.3%

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FX Options								
AUD/USD MONTHLY OPTIONS	3,913	3,709.7	5.5%	3,611.7	8.3%	3,345	4,115	-18.7%
AUD/USD WKLY FRIDAY OPTIONS -	293	487.43	-39.8%	0	-	101	206	-50.9%
AUD/USD WKLY FRIDAY OPTIONS -	227	303.61	-25.2%	292.9	-22.5%	283	324	-12.7%
AUD/USD WKLY FRIDAY OPTIONS -	434	360.96	20.2%	197.25	120.0%	313	473	-33.9%
AUD/USD WKLY FRIDAY OPTIONS -	287	391.43	-26.7%	204.55	40.4%	321	508	-36.7%
AUD/USD WKLY FRIDAY OPTIONS -	22	28.48	-22.9%	0	-	78	137	-42.8%
AUD/USD WKLY WED OPTIONS - WK	58	39.96	45.6%	78.55	-25.9%	82	134	-39.0%
AUD/USD WKLY WED OPTIONS - WK	48	115.04	-58.4%	63.65	-24.7%	82	116	-29.8%
AUD/USD WKLY WED OPTIONS - WK	45	34.65	28.7%	44.05	1.3%	39	64	-40.0%
AUD/USD WKLY WED OPTIONS - WK	64	112.96	-43.1%	86.15	-25.4%	63	106	-40.4%
AUD/USD WKLY WED OPTIONS - WK	59	61.78	-4.1%	0	-	25	43	-42.2%
BRITISH POUND (EU)	0	0.09	-100.0%	0	-	0	1	-100.0%
BRL/USD MONTHLY OPTIONS	14	0	-	13	11.0%	3	0	-
CAD/USD MONTHLY OPTIONS	2,498	3,336.3	-25.1%	2,348.55	6.4%	2,505	4,164	-39.8%
CAD/USD WKLY FRIDAY OPTIONS -	372	752	-50.5%	2.05	18052.7%	169	298	-43.4%
CAD/USD WKLY FRIDAY OPTIONS -	170	441.87	-61.4%	366.75	-53.5%	313	596	-47.4%
CAD/USD WKLY FRIDAY OPTIONS -	448	779.17	-42.4%	427.65	4.9%	451	859	-47.5%
CAD/USD WKLY FRIDAY OPTIONS -	448	989.57	-54.8%	307	45.8%	489	795	-38.6%
CAD/USD WKLY FRIDAY OPTIONS -	35	13.26	162.0%	0	-	115	258	-55.2%
CAD/USD WKLY WED OPTIONS - WK	159	117.43	35.1%	49.5	220.6%	139	168	-17.1%
CAD/USD WKLY WED OPTIONS - WK	121	145.91	-17.1%	204.4	-40.8%	158	172	-8.2%
CAD/USD WKLY WED OPTIONS - WK	123	223.48	-44.8%	166.15	-25.8%	147	193	-24.1%
CAD/USD WKLY WED OPTIONS - WK	119	287.74	-58.5%	91.85	29.9%	129	189	-31.6%
CAD/USD WKLY WED OPTIONS - WK	145	208.96	-30.7%	0	-	50	99	-50.0%
CANADIAN DOLLAR (EU)	0	0	-	0	-	0	0	-100.0%
CHF/USD MONTHLY OPTIONS	210	112.61	86.1%	142.7	46.8%	125	116	8.2%
CHF/USD WKLY FRIDAY OPTIONS -	1	6.57	-87.4%	2.5	-67.0%	1	1	-16.2%
CHF/USD WKLY FRIDAY OPTIONS -	13	0.22	5919.8%	10.95	19.5%	11	4	211.8%
CHF/USD WKLY FRIDAY OPTIONS -	5	0.52	875.1%	11.45	-55.6%	8	4	92.1%
CHF/USD WKLY FRIDAY OPTIONS -	21	2.7	680.7%	10.9	93.1%	7	9	-18.0%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	3	3	-13.9%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	0	0	-
EUR/JPY MONTHLY OPTIONS	0	0	-	0	-	0	14	-100.0%
EURO FX (EU)	0	0	-	0	-	0	0	-100.0%
EUR/USD MONTHLY OPTIONS	11,566	18,473.09	-37.4%	18,379.45	-37.1%	17,319	24,772	-30.1%
EUR/USD WKLY FRIDAY OPTIONS -	1,002	1,845.48	-45.7%	5.15	19350.4%	538	1,295	-58.4%
EUR/USD WKLY FRIDAY OPTIONS -	613	1,345	-54.5%	2,061.4	-70.3%	1,265	1,565	-19.2%
EUR/USD WKLY FRIDAY OPTIONS -	1,292	2,285.96	-43.5%	1,838	-29.7%	1,464	2,398	-39.0%
EUR/USD WKLY FRIDAY OPTIONS -	975	2,045.43	-52.4%	1,250.1	-22.0%	1,661	2,468	-32.7%
EUR/USD WKLY FRIDAY OPTIONS -	58	25.83	125.9%	0	-	392	594	-33.9%
EUR/USD WKLY WED OPTIONS - WK	307	413.39	-25.9%	741.4	-58.7%	611	605	1.0%
EUR/USD WKLY WED OPTIONS - WK	343	619.83	-44.7%	614	-44.2%	608	570	6.8%
EUR/USD WKLY WED OPTIONS - WK	488	541.7	-9.9%	1,071.55	-54.5%	619	564	9.8%
EUR/USD WKLY WED OPTIONS - WK	771	683.3	12.9%	787.9	-2.1%	685	662	3.5%
EUR/USD WKLY WED OPTIONS - WK	401	790.87	-49.3%	0	-	195	313	-37.9%
GBP/USD MONTHLY OPTIONS	7,608	10,054.96	-24.3%	6,901.9	10.2%	6,143	8,632	-28.8%
GBP/USD WKLY FRIDAY OPTIONS -	263	614.52	-57.2%	1.6	16334.8%	156	324	-51.9%
GBP/USD WKLY FRIDAY OPTIONS -	374	744.74	-49.8%	418.6	-10.8%	324	622	-47.9%

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FX Options								
GBP/USD WKLY FRIDAY OPTIONS -	1,219	894.57	36.3%	410.75	196.8%	463	928	-50.1%
GBP/USD WKLY FRIDAY OPTIONS -	1,106	972.22	13.8%	264.95	317.4%	430	974	-55.8%
GBP/USD WKLY FRIDAY OPTIONS -	19	29.52	-35.6%	0	-	134	229	-41.7%
GBP/USD WKLY WED OPTIONS - WK	98	165.83	-40.7%	47.9	105.3%	119	161	-26.1%
GBP/USD WKLY WED OPTIONS - WK	195	153.78	27.1%	75.7	158.1%	133	194	-31.5%
GBP/USD WKLY WED OPTIONS - WK	95	444.04	-78.6%	89.85	5.9%	131	227	-42.4%
GBP/USD WKLY WED OPTIONS - WK	109	467.74	-76.7%	81.85	32.9%	116	220	-47.1%
GBP/USD WKLY WED OPTIONS - WK	54	682.91	-92.1%	0	-	45	157	-71.6%
JAPANESE YEN (EU)	0	0	-	0	-	0	0	-
JPY/USD MONTHLY OPTIONS	5,884	7,869.78	-25.2%	6,217.75	-5.4%	6,742	8,050	-16.3%
JPY/USD WKLY FRIDAY OPTIONS -	533	983.26	-45.8%	0	-	269	425	-36.8%
JPY/USD WKLY FRIDAY OPTIONS -	249	908.61	-72.6%	608.95	-59.2%	465	736	-36.8%
JPY/USD WKLY FRIDAY OPTIONS -	583	877.83	-33.6%	812.7	-28.3%	690	1,008	-31.6%
JPY/USD WKLY FRIDAY OPTIONS -	382	1,273.91	-70.0%	463.4	-17.6%	664	1,104	-39.9%
JPY/USD WKLY FRIDAY OPTIONS -	81	58.13	39.0%	0	-	228	237	-3.6%
JPY/USD WKLY WED OPTIONS - WK	216	339.65	-36.5%	390.65	-44.8%	223	219	1.6%
JPY/USD WKLY WED OPTIONS - WK	212	479.13	-55.8%	230.65	-8.2%	206	222	-7.3%
JPY/USD WKLY WED OPTIONS - WK	297	354.87	-16.3%	308.05	-3.6%	209	182	14.4%
JPY/USD WKLY WED OPTIONS - WK	189	213.78	-11.4%	277.5	-31.7%	216	236	-8.3%
JPY/USD WKLY WED OPTIONS - WK	159	389.13	-59.1%	0	-	54	113	-52.3%
MXN/USD MONTHLY OPTIONS	60	82.13	-27.1%	40.45	48.0%	71	95	-25.0%
MXN/USD WKLY FRIDAY OPTIONS -	52	0	-	0	-	6	0	-
MXN/USD WKLY FRIDAY OPTIONS -	4	0	-	0	-	3	1	157.5%
MXN/USD WKLY FRIDAY OPTIONS -	0	10.35	-100.0%	0	-	5	1	285.7%
MXN/USD WKLY FRIDAY OPTIONS -	0	16.17	-100.0%	0	-	2	3	-47.9%
NZD/USD MONTHLY OPTIONS	64	0.65	9727.8%	82.6	-22.4%	31	0	42887.3%
NZD/USD WKLY FRIDAY OPTIONS -	0	0.04	-100.0%	0	-	0	0	-100.0%
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	1	0	-
NZD/USD WKLY FRIDAY OPTIONS -	4	0	-	0	-	1	0	-
NZD/USD WKLY FRIDAY OPTIONS -	7	0	-	0	-	1	0	-
NZD/USD WKLY FRIDAY OPTIONS -	4	0	-	0	-	0	0	-

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Equity Index Futures								
BITCOIN FUTURES	4,070	2,485.09	63.8%	5,072.7	-19.8%	6,583	3,400	93.6%
DJ US REAL ESTATE	1,741	1,064.83	63.5%	6,370.3	-72.7%	2,370	2,151	10.2%
E-mini (\$5) Dow	170,631	308,182.7	-44.6%	193,442.65	-11.8%	208,870	229,898	-9.1%
E-MINI COM SERVICES SELECT SEC	55	158.22	-64.9%	897.8	-93.8%	305	24	1193.6%
E-mini FTSE 100 (USD)	0	79.43	-100.0%	0	-	2	67	-97.6%
E-mini FTSE China 50	0	42.87	-100.0%	0	-	3	51	-93.4%
E-MINI MIDCAP	12,111	23,122.39	-47.6%	22,402.6	-45.9%	16,054	18,832	-14.8%
E-MINI NASDAQ 100	411,972	725,390.91	-43.2%	477,841.3	-13.8%	474,607	457,083	3.8%
E-MINI RUSSELL 1000	119	594	-79.9%	1,137.75	-89.5%	426	689	-38.2%
E-MINI RUSSELL 1000 GROWTH	89	480.74	-81.4%	534.5	-83.3%	266	525	-49.4%
E-MINI RUSSELL 1000 VALUE	330	613.22	-46.3%	1,092.85	-69.8%	680	721	-5.8%
E-MINI RUSSELL 2000	118,381	186,966.26	-36.7%	210,101.55	-43.7%	147,168	141,223	4.2%
E-MINI S&P500	1,350,202	2,311,113.43	-41.6%	1,768,492.6	-23.7%	1,596,949	1,682,347	-5.1%
E-MINI S&P REAL ESTATE SELECT S	665	289.22	130.1%	626.65	6.2%	296	355	-16.7%
FT-SE 100	0	60.43	-100.0%	0	-	2	60	-97.1%
FTSE Emerging	92	35.52	158.5%	131.85	-30.4%	101	24	323.7%
IBOVESPA INDEX	43	81.65	-47.1%	47.8	-9.6%	33	58	-42.5%
MICRO E-MINI NASDAQ 100	207,688	0	-	185,111.2	12.2%	120,704	0	-
MICRO E-MINI RUSSELL 2000	33,283	0	-	31,689.95	5.0%	18,800	0	-
MICRO E-MINI S&P500	280,990	0	-	266,440.8	5.5%	167,092	0	-
MICRO MINI \$5 DOW	52,246	0	-	42,521.85	22.9%	30,690	0	-
NASDAQ BIOTECH	16	0	-	60.85	-73.5%	19	32	-40.9%
Nearby BTIC+	1	0	-	0	-	0	0	-
NIFTY 50	0	0	-	0	-	0	258	-100.0%
NIKKEI 225 (\$) STOCK	8,565	17,485.57	-51.0%	12,898.55	-33.6%	10,606	15,008	-29.3%
NIKKEI 225 (YEN) STOCK	38,179	56,816.22	-32.8%	43,624.6	-12.5%	39,333	42,613	-7.7%
S&P 500	3,221	5,555.17	-42.0%	8,627.95	-62.7%	4,934	6,694	-26.3%
S&P 500 ANNUAL DIVIDEND INDEX F	1,681	1,897.09	-11.4%	1,800.05	-6.6%	1,240	702	76.8%
S&P 500/GI	0	0	-	1	-100.0%	0	0	-17.8%
S&P 500 QUARLY DIVIDEND INDEX F	27	0	-	13	107.7%	11	3	240.5%
S&P 600 SMALLCAP EMINI	3	0	-	84.6	-96.8%	14	0	297772.3%
S&P CONSUMER DSCRTNRY SECTC	264	1,729.09	-84.7%	612.05	-56.8%	418	918	-54.5%
S&P CONSUMER STAPLES SECTOR	521	1,261.35	-58.7%	1,779.5	-70.7%	946	1,209	-21.7%
S&P ENERGY SECTOR	645	1,859.7	-65.3%	1,410.9	-54.3%	867	1,633	-46.9%
S&P FINANCIAL SECTOR	876	3,159.39	-72.3%	2,699.45	-67.5%	1,577	2,472	-36.2%
S&P HEALTH CARE SECTOR	540	1,189.3	-54.6%	2,259	-76.1%	968	883	9.7%
S&P INDUSTRIAL SECTOR	452	1,329.57	-66.0%	1,106.65	-59.1%	625	848	-26.3%
S&P MATERIALS SECTOR	620	896.91	-30.9%	406.4	52.5%	505	599	-15.8%
S&P TECHNOLOGY SECTOR	517	4,136.22	-87.5%	1,328.75	-61.1%	732	1,608	-54.5%
S&P UTILITIES SECTOR	659	2,333.52	-71.8%	3,066.4	-78.5%	1,495	1,975	-24.3%
S&P VALUE INDEX FUTURES	0	0	-	1.2	-100.0%	0	0	-10.0%
YEN DENOMINATED TOPIX	956	36.7	2504.5%	932.75	2.5%	909	24	3632.7%

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	ADV OCT 2019	ADV OCT 2018	% CHG	ADV SEP 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Equity Index Options								
E-mini (\$5) Dow	127	473.61	-73.3%	310.2	-59.2%	201	463	-56.6%
E-MINI NASDAQ 100	8,913	13,946.57	-36.1%	9,163.2	-2.7%	9,949	11,535	-13.8%
E-MINI RUSSELL 2000	948	726.13	30.5%	1,172.05	-19.1%	732	626	16.9%
E-MINI S&P500	262,101	319,261.3	-17.9%	309,601.45	-15.3%	261,002	277,105	-5.8%
EOM E-MINI RUSSELL 2000 END OF	280	307.09	-8.7%	457.5	-38.8%	415	303	37.2%
EOM EMINI S&P	82,042	172,315.7	-52.4%	82,834.75	-1.0%	92,786	126,349	-26.6%
EOM S&P 500	3,291	7,090.96	-53.6%	3,622.05	-9.1%	5,532	8,699	-36.4%
EOW1 E-MINI RUSSELL 2000 WEEKL	68	148.74	-54.5%	68.7	-1.4%	74	99	-25.8%
EOW1 E-MINI RUSSELL 2000 WEEKL	72	137.17	-47.5%	129.1	-44.2%	93	124	-24.7%
EOW1 EMINI S&P 500	54,773	68,052.26	-19.5%	51,026.8	7.3%	48,224	53,191	-9.3%
EOW1 S&P 500	4,531	4,731.57	-4.2%	4,871.85	-7.0%	3,500	4,029	-13.1%
EOW2 E-MINI RUSSELL 2000 WEEKL	184	263.04	-30.0%	353.45	-47.9%	242	237	2.0%
EOW2 EMINI S&P 500	54,232	88,411.26	-38.7%	47,822.85	13.4%	48,732	61,698	-21.0%
EOW2 S&P 500	6,831	10,648.57	-35.8%	7,893.6	-13.5%	6,136	7,543	-18.7%
EOW3 E-MINI RUSSELL 2000 WEEKL	1,509	840.09	79.6%	1,263.35	19.5%	721	917	-21.4%
EOW3 EMINI S&P 500	145,090	275,216.13	-47.3%	93,684.35	54.9%	114,997	176,474	-34.8%
EOW3 S&P 500	7,414	10,628.22	-30.2%	2,923.8	153.6%	6,077	13,250	-54.1%
EOW4 E-MINI RUSSELL 2000 WEEKL	126	314.78	-60.0%	230.95	-45.5%	156	252	-38.1%
EOW4 EMINI S&P 500	35,573	81,103.43	-56.1%	46,921.35	-24.2%	40,875	54,166	-24.5%
S&P 500	7,401	14,174.43	-47.8%	14,118.45	-47.6%	10,976	14,478	-24.2%
Interest Rate Futures								
10-YR NOTE	1,407,773	2,091,259.43	-32.7%	1,704,756.4	-17.4%	1,793,930	1,783,869	0.6%
10-YR SWAP RATE	2,686	651.83	312.1%	8,299.05	-67.6%	3,517	2,013	74.7%
15-YR SWAP RATE	0	0	-	0	-	26	0	-
1-MONTH EURODOLLAR	0	0	-	0.45	-100.0%	2	150	-98.7%
20-YR SWAP RATE	0	0	-	0	-	0	0	-
2-YR NOTE	571,179	444,626.52	28.5%	592,559.95	-3.6%	712,568	503,137	41.6%
2-YR SWAP RATE	1,384	0	-	3,183.75	-56.5%	2,365	0	-
30-YR BOND	293,566	447,869.65	-34.5%	338,197	-13.2%	349,108	357,242	-2.3%
30-YR SWAP RATE	24	0	-	16.65	42.8%	31	5	561.0%
3-YR SWAP RATE	370	0	-	1,590.4	-76.7%	826	0	-
4-YR SWAP RATE	155	0	-	154.55	0.0%	438	0	-
5-YR NOTE	824,386	1,111,357.7	-25.8%	980,825.15	-15.9%	1,172,880	1,087,555	7.8%
5-YR SWAP RATE	3,760	687.74	446.7%	5,626.9	-33.2%	3,993	1,177	239.1%
7-YR SWAP RATE	162	0	-	97.65	66.3%	202	0	-
EURODOLLARS	2,305,463	3,167,037.96	-27.2%	2,639,430	-12.7%	2,911,026	3,006,108	-3.2%
FED FUND	357,833	278,663.78	28.4%	494,352.1	-27.6%	383,826	245,071	56.6%
SOFR	44,134	8,040.65	448.9%	58,448.85	-24.5%	35,104	2,610	1244.8%
SONIA	8,205	2,669.52	207.4%	8,292.9	-1.1%	8,564	291	2843.0%
Ultra 10-Year Note	171,021	178,065.48	-4.0%	219,430.55	-22.1%	228,693	181,070	26.3%
ULTRA T-BOND	122,218	171,654.35	-28.8%	144,768.75	-15.6%	187,913	175,591	7.0%

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Interest Rate Options								
10-YR NOTE	731,529	877,717.74	-16.7%	762,973.55	-4.1%	673,856	640,267	5.2%
2-YR NOTE	28,470	16,738.17	70.1%	26,847.3	6.0%	24,602	24,496	0.4%
30-YR BOND	150,101	220,395.48	-31.9%	190,924.65	-21.4%	146,512	137,099	6.9%
5-YR NOTE	263,660	158,761.09	66.1%	233,233.4	13.0%	234,140	155,572	50.5%
EURODOLLARS	947,289	734,913.96	28.9%	1,126,715.7	-15.9%	1,178,212	706,044	66.9%
EURO MIDCURVE	407,902	716,681.04	-43.1%	400,031.2	2.0%	627,831	721,755	-13.0%
FED FUND	551	0	-	2,134.05	-74.2%	365	84	334.5%
Ultra 10-Year Note	1	1.74	-70.0%	15.75	-96.7%	129	0	39807.2%
ULTRA T-BOND	874	529.3	65.1%	2,357.15	-62.9%	1,026	320	220.5%
Energy Futures								
3.5% FUEL OIL CID MED SWA	0	1.74	-100.0%	0	-	0	3	-84.2%
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	299	1,015.48	-70.5%	152.35	96.4%	395	1,056	-62.6%
ARGUS PROPAN FAR EST INDE	245	340.39	-27.9%	338.3	-27.4%	295	284	3.9%
ARGUS PROPAN(SAUDI ARAMCO	113	139.26	-19.1%	194.85	-42.2%	142	135	5.4%
AUSTRIALIAN COKE COAL	0	0	-	0	-	0	0	-100.0%
BRENT BALMO SWAP	9	0	-	22.4	-61.8%	9	1	587.7%
BRENT CALENDAR SWAP	629	231	172.4%	74.9	740.1%	351	171	105.4%
BRENT CFD SWAP	0	0	-	0	-	0	1	-100.0%
BRENT FINANCIAL FUTURES	4	156.52	-97.2%	30.6	-85.8%	40	96	-58.0%
BRENT OIL LAST DAY	99,843	98,686.39	1.2%	120,669.5	-17.3%	104,712	84,809	23.5%
CANADIAN LIGHT SWEET OIL	0	0	-	0	-	0	0	-
CENTERPOINT BASIS SWAP	0	0	-	0	-	0	0	-100.0%
CHICAGO ETHANOL SWAP	3,736	3,382.43	10.4%	5,219.1	-28.4%	4,890	4,585	6.7%
CHICAGO ULSD PL VS HO SPR	6	14.13	-56.6%	37	-83.4%	25	19	31.7%
CHICAGO UNL GAS PL VS RBO	0	0	-	10	-100.0%	6	5	44.2%
CIG BASIS	0	1.09	-100.0%	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	9	36.78	-76.4%	18.9	-54.0%	23	56	-58.8%
CIN HUB 5MW REAL TIME O P	0	0	-	0	-	19	0	-
CIN HUB 5MW REAL TIME PK	0	0	-	0	-	2	7	-78.4%
COAL SWAP	0	0	-	0	-	0	2	-100.0%
COLUMB GULF MAINLINE NG B	0	0	-	0	-	2	0	-
CONWAY NATURAL GASOLINE (OPI	3	4.96	-38.6%	24.45	-87.6%	11	8	35.9%
CONWAY NORMAL BUTANE (OPIS) S	20	3.91	400.0%	36.8	-46.8%	22	13	71.7%
CONWAY PROPANE 5 DECIMALS S	549	733.43	-25.1%	627.7	-12.5%	701	764	-8.2%
CRUDE OIL	167	150	11.6%	165	1.4%	220	289	-23.8%
CRUDE OIL OUTRIGHTS	2,890	2,472.13	16.9%	2,910	-0.7%	2,988	2,726	9.6%

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Energy Futures								
CRUDE OIL PHY	1,013,271	1,065,517.57	-4.9%	1,348,818.95	-24.9%	1,200,194	1,213,904	-1.1%
CRUDE OIL SPRDS	882	366.87	140.4%	809.25	9.0%	1,027	1,927	-46.7%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
DAILY PJM	0	0	-	0	-	0	0	-
DATED TO FRONTLINE BRENT	0	6.52	-100.0%	0	-	5	16	-70.2%
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	0	2,059.57	-100.0%	7.6	-100.0%	84	400	-78.9%
DUTCH TTF NATURAL GAS CAL MO	926	10.52	8698.4%	582.05	59.0%	482	68	606.0%
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	1	13.39	-90.6%	29.8	-95.8%	16	14	18.5%
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	93	-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	0	-	0	-	0	0	-
ERCOT HOUSTON Z MCPE 5MW PEA	0	0	-	0	-	0	9	-100.0%
ERCOT NORTH ZMCPE 5MW OFFPE	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPE	0	0	-	0	-	0	93	-100.0%
ERCOT NORTH ZMCPE 5MW PEAK	0	0	-	0	-	0	24	-100.0%
ETHANOL	196	406.35	-51.7%	138.5	41.8%	347	422	-17.7%
ETHANOL SWAP	5	3.04	71.4%	11	-52.6%	4	2	122.5%
ETHANOL T2 FOB ROTT INCL DUTY	270	217.22	24.2%	140.4	92.1%	168	149	13.1%
EURO 1% FUEL OIL NEW BALM	0	0	-	0	-	0	0	-90.9%
EURO 3.5% FUEL OIL RDAM B	1	7.04	-92.0%	7.8	-92.8%	2	26	-91.3%
EURO 3.5% FUEL OIL SPREAD	1	0.26	316.6%	0	-	1	4	-79.5%
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	5	2.61	96.7%	3.15	62.9%	3	2	51.2%
EUROPE 1% FUEL OIL RDAM C	0	0	-	0	-	0	0	-100.0%
EUROPE 3.5% FUEL OIL MED	0	6.91	-100.0%	0	-	2	5	-61.0%
EUROPE 3.5% FUEL OIL RDAM	27	144.91	-81.4%	40.15	-32.9%	45	350	-87.2%
EUROPEAN GASOIL (ICE)	6	58.87	-89.7%	9.4	-35.2%	5	27	-79.8%
EUROPEAN NAPHTHA BALMO	2	19.43	-92.2%	2.75	-44.7%	7	14	-49.8%
EUROPEAN NAPHTHA CRACK SPR	60	693.83	-91.4%	91.55	-34.8%	178	450	-60.5%
EUROPE DATED BRENT SWAP	0	48.26	-100.0%	0	-	8	10	-25.8%
EUROPE JET KERO NWE CALSW	0	0	-	0.15	-100.0%	0	0	-79.5%
EUROPE NAPHTHA CALSWAP	12	226.26	-94.9%	42.45	-72.6%	78	168	-53.5%
EURO PROPANE CIF ARA SWA	79	126.7	-37.5%	84.55	-6.4%	90	87	4.1%
FREIGHT MARKETS	95	72.83	30.0%	22.55	319.7%	49	30	64.6%
FUEL OIL CRACK VS ICE	74	122.39	-39.6%	70.05	5.5%	81	171	-52.5%
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	4	4.17	-6.3%	0.65	502.0%	7	10	-27.7%
GAS EURO-BOB OXY NWE BARGES	59	311.13	-81.1%	118.15	-50.1%	228	361	-36.8%
GAS EURO-BOB OXY NWE BARGES	230	915.48	-74.9%	272.15	-15.6%	368	879	-58.1%
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	109.9%
GASOIL 0.1 ROTTERDAM BARG	0	0.65	-93.3%	1.75	-97.5%	1	7	-90.5%
GASOIL 10PPM VS ICE SWAP	0	0	-	0	-	0	0	224.8%
GASOIL CALENDAR SWAP	1	0	-	0.3	160.9%	1	0	183.4%
GASOIL CRACK SPREAD CALEN	52	4.35	1088.0%	27.6	87.1%	32	178	-81.7%
GASOIL MINI CALENDAR SWAP	49	13.57	260.9%	20.7	136.5%	18	10	90.2%
GERMAN POWER BASELOAD CAL M	63	0	-	117.7	-46.8%	110	15	646.0%
GROUP THREE ULSD (PLATTS)	0	0	-	0	-	0	1	-100.0%
GROUP THREE UNLEAD GAS (P	0	0	-	0	-	1	2	-29.4%
GRP THREE ULSD(PLT)VS HEA	124	152.83	-18.9%	216.65	-42.8%	168	168	0.0%
GRP THREE UNL GS (PLT) VS	124	151.52	-18.4%	104.75	18.1%	124	102	20.9%
GULF COAST 3% FUEL OIL BA	30	50.52	-40.3%	111.45	-72.9%	40	61	-33.9%
GULF COAST JET FUEL CLNDR	0	0	-	0	-	1	6	-77.7%
GULF COAST JET VS NYM 2 H	589	962.3	-38.8%	942.7	-37.5%	964	1,728	-44.2%
GULF COAST NO.6 FUEL OIL	759	1,880.04	-59.6%	1,138.05	-33.3%	1,082	2,672	-59.5%
GULF COAST ULSD CALENDAR	4	18.74	-78.7%	29.3	-86.3%	18	16	12.1%
GULF COAST ULSD CRACK SPR	0	5.22	-100.0%	18	-100.0%	2	7	-74.6%
HEATING OIL BALMO CLNDR S	0	0	-	0	-	3	1	132.5%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	0	-
HEATING OIL PHY	221,605	172,439.7	28.5%	195,834.45	13.2%	169,243	182,569	-7.3%
HENRY HUB BASIS SWAP	26	724.26	-96.4%	159.2	-83.6%	77	152	-49.5%
HENRY HUB FINANCIAL LAST	0	22.7	-100.0%	0	-	0	131	-100.0%
HENRY HUB INDEX SWAP FUTU	26	724.26	-96.4%	159.2	-83.6%	77	152	-49.5%
HENRY HUB SWAP	2,145	7,148.65	-70.0%	5,356.95	-60.0%	4,603	7,970	-42.3%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-	3	0	-
HTG OIL	0	0.52	-100.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	251	427.83	-41.2%	414.15	-39.3%	262	476	-45.0%
IN DELIVERY MONTH EUA	0	54.26	-100.0%	0	-	0	6	-100.0%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	3	11.52	-75.5%	17.5	-83.9%	16	7	123.1%
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	1.74	-100.0%	0	-	1	8	-88.7%
JAPAN C&F NAPHTHA SWAP	11	124.48	-91.4%	23.55	-54.8%	47	100	-53.3%
JAPAN NAPHTHA BALMO SWAP	0	3.57	-100.0%	0.25	-100.0%	2	3	-45.2%
JET AV FUEL (P) CAR FM ICE GAS S	0	0	-	0	-	0	0	-100.0%
JET CIF NWE VS ICE	1	0	-	6.6	-80.2%	1	3	-59.2%
JET FUEL CRG CIF NEW VS I	0	0	-	6.6	-100.0%	1	0	-
JET FUEL UP-DOWN BALMO CL	191	309.57	-38.3%	154.5	23.7%	197	285	-30.9%
JKM LNG Futures	174	101.3	72.1%	42.75	307.8%	82	59	40.8%
LA CARB DIESEL (OPIS) SWA	1	10.43	-89.6%	0	-	2	14	-86.5%
LA CARBOB GASOLINE(OPIS)S	0	36.96	-100.0%	1.25	-100.0%	14	24	-43.6%
LA JET (OPIS) SWAP	60	82	-27.1%	37.5	59.4%	60	97	-38.4%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	3	-100.0%

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	ADV OCT 2019	ADV OCT 2018	% CHG	ADV SEP 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures								
LLS (ARGUS) VS WTI SWAP	68	224.65	-69.6%	28.75	137.6%	89	268	-66.9%
LOS ANGELES CARB GASOLINE	0	0	-	0	-	0	0	-
LTD NAT GAS	11,814	20,052.3	-41.1%	16,512.7	-28.5%	14,318	16,818	-14.9%
MARS (ARGUS) VS WTI SWAP	5	56.52	-90.4%	40	-86.4%	69	101	-31.6%
MARS (ARGUS) VS WTI TRD M	1,071	687.39	55.8%	616.35	73.8%	881	982	-10.3%
MARS BLEND CRUDE OIL	0	0	-	0	-	0	11	-100.0%
MCCLOSKEY ARA ARGS COAL	1,630	868.78	87.7%	1,657.45	-1.6%	1,453	1,126	29.0%
MCCLOSKEY RCH BAY COAL	124	64.57	92.5%	96.05	29.4%	111	143	-22.5%
MGF FUT	0	1.74	-75.0%	0	-	0	1	-96.1%
MGN1 SWAP FUT	0	2.61	-83.3%	0	-	2	3	-27.8%
MICHIGAN BASIS	0	0	-	0	-	0	0	-
MICHIGAN MISO	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	1	10.74	-91.9%	4.95	-82.4%	9	16	-41.9%
MINI RBOB V. EBOBARG NWE BRGS	4	0	-	16	-75.5%	19	16	15.6%
MINI RBOB V. EBOB(ARGUS) NWE B	42	139.22	-69.6%	41.45	2.0%	92	89	3.0%
MINY HTG OIL	0	0.17	-25.0%	0.15	-13.1%	0	0	-20.0%
MINY NATURAL GAS	2,471	2,055.3	20.2%	2,226.4	11.0%	1,552	1,303	19.1%
MINY RBOB GAS	0	0.17	-25.0%	0.2	-34.8%	0	0	70.2%
MINY WTI CRUDE OIL	19,873	20,433.87	-2.7%	30,319	-34.5%	22,761	16,394	38.8%
MJC FUT	0	3.7	-100.0%	0	-	1	7	-89.4%
MNC FUT	71	245.35	-70.9%	73.15	-2.5%	164	193	-15.2%
MONT BELVIEU ETHANE 5 DECIMAL	673	711.39	-5.4%	1,078.4	-37.6%	766	779	-1.7%
MONT BELVIEU ETHANE OPIS BALM	1	5.43	-76.0%	4.25	-69.3%	7	8	-13.4%
MONT BELVIEU LDH PROPANE 5 DE	6,253	7,343.96	-14.9%	6,924.55	-9.7%	6,883	5,905	16.6%
MONT BELVIEU LDH PROPANE OPIS	83	69.43	19.9%	102.7	-18.9%	136	119	14.5%
MONT BELVIEU NATURAL GASOLIN	448	487	-7.9%	544.3	-17.6%	399	399	0.2%
MONT BELVIEU NATURAL GASOLIN	32	10.22	217.9%	29.75	9.2%	31	17	80.5%
MONT BELVIEU NORMAL BUTANE 5	2,092	2,516.83	-16.9%	2,905.9	-28.0%	2,239	1,739	28.7%
MONT BELVIEU NORMAL BUTANE B	61	67.26	-9.8%	45.85	32.3%	62	52	17.3%
NAT GAS BASIS SWAP	0	0	-	0	-	0	0	-
NATURAL GAS	4,966	4,634.57	7.2%	7,900.2	-37.1%	5,444	5,339	2.0%
NATURAL GAS PEN SWP	875	1,336.74	-34.5%	2,455.9	-64.4%	1,401	1,590	-11.9%
NATURAL GAS PHY	477,007	533,212.65	-10.5%	494,665.7	-3.6%	398,562	436,898	-8.8%
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	10	1,446.09	-99.3%	0	-	340	707	-51.8%
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	48	7.61	525.7%	57.6	-17.3%	38	55	-31.8%
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	68.17	-100.0%	26	-100.0%	8	16	-49.0%
NGPL TEX/OK	0	848.7	-100.0%	6	-100.0%	13	212	-94.0%
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	4	0	-	7.5	-42.0%	4	14	-69.0%
NORTHEN NATURAL GAS DEMAR	0	0	-	0	-	0	0	-
NORTHEN NATURAL GAS VENTU	0	0	-	0	-	0	0	-100.0%
NORTHWEST ROCKIES BASIS S	0	0	-	0	-	15	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-	0	0	-100.0%
NY1% VS GC SPREAD SWAP	17	7.17	133.3%	22.5	-25.6%	22	63	-65.1%
NY 3.0% FUEL OIL (PLATTS	0	0	-	0	-	4	9	-56.8%
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-	0	0	-50.0%
NY HARBOR HEAT OIL SWP	154	259.52	-40.5%	79.45	94.2%	106	109	-3.3%
NY HARBOR LOW SULPUR GAS 100C	0	0	-	0	-	2	13	-86.3%
NY HARBOR RESIDUAL FUEL 1	31	28.65	7.7%	7.75	298.3%	33	51	-34.6%
NY HARBOR RESIDUAL FUEL C	0	0	-	0	-	0	0	-
NYH NO 2 CRACK SPREAD CAL	39	14.35	172.7%	75	-47.8%	24	38	-37.5%
NYISO CAPACITY	0	20	-100.0%	19	-100.0%	3	8	-60.4%
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	1,924.52	-100.0%	0	-	0	210	-100.0%
NYISO ZONE A 5MW D AH PK	0	82.17	-100.0%	0	-	0	9	-100.0%
NYISO ZONE G 5MW D AH O P	0	607.83	-100.0%	0	-	481	2,914	-83.5%
NYISO ZONE G 5MW D AH PK	10	31.74	-69.9%	0	-	40	97	-59.1%
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	24	0	-	0	-	9	0	-
NY ULSD (ARGUS) VS HEATING OIL	51	0	-	0	-	13	1	1200.4%
ONEOK OKLAHOMA NG BASIS	0	0	-	93	-100.0%	9	13	-31.2%
ONTARIO POWER SWAPS	0	0	-	0	-	1	0	1149.8%
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	108	166.17	-34.7%	182.55	-40.6%	153	220	-30.5%
PETRO CRCKS & SPRDS ASIA	0	0	-	2.5	-100.0%	2	3	-37.3%
PETRO CRCKS & SPRDS NA	1,332	1,532.57	-13.1%	1,520.35	-12.4%	1,753	2,022	-13.3%
PETRO CRK&SPRD EURO	87	386.13	-77.3%	198.95	-56.0%	154	418	-63.1%
PETROLEUM PRODUCTS	76	378.04	-79.8%	68.7	11.2%	115	248	-53.6%
PETROLEUM PRODUCTS ASIA	18	83.09	-78.0%	36.75	-50.3%	66	94	-29.4%
PETRO OUTRIGHT EURO	207	168.91	22.3%	260.3	-20.6%	194	218	-11.1%
PETRO OUTRIGHT NA	225	442.87	-49.3%	202.85	10.7%	273	379	-28.1%
PJM AD HUB 5MW REAL TIME	0	0	-	0	-	567	258	119.8%
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	55.65	-100.0%	0	-	350	58	500.1%
PJM NILL DA OFF-PEAK	0	33.48	-100.0%	0	-	0	4	-100.0%
PJM NILL DA PEAK	0	1.83	-100.0%	0	-	0	0	-100.0%
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	111	-100.0%
PJM PSEG DA PEAK	0	0	-	0	-	0	6	-100.0%
PJM WESTH DA OFF-PEAK	0	0	-	0	-	0	483	-100.0%
PJM WESTHDA PEAK	0	0	-	0	-	0	26	-100.0%
PJM WESTH RT OFF-PEAK	0	1,704.35	-100.0%	0	-	223	1,655	-86.5%
PJM WESTH RT PEAK	189	111.09	70.5%	109.3	73.2%	254	281	-9.4%
PLASTICS	35	50.39	-30.8%	34.5	1.1%	34	20	67.2%
PREMIUM UNLND 10P FOB MED	0	3.43	-100.0%	1.6	-100.0%	4	11	-65.0%
PREMIUM UNLEAD 10PPM FOB	0	0	-	3.7	-100.0%	1	2	-68.3%
PREM UNL GAS 10PPM RDAM FOB B	0	0	-	0	-	0	0	-75.0%
PREM UNL GAS 10PPM RDAM FOB S	0	0	-	0.25	-100.0%	0	2	-89.3%
PROPANE NON-LDH MB (OPIS) BAL	81	7.39	1000.6%	37.1	119.3%	70	25	182.8%
PROPANE NON-LDH MT. BEL (OPIS)	1,058	772.74	36.9%	1,001.75	5.6%	901	601	50.0%
RBOB CALENDAR SWAP	182	312.22	-41.7%	256.4	-28.9%	271	277	-2.3%
RBOB CRACK SPREAD	59	2.61	2166.7%	63.25	-6.5%	55	45	20.7%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-	0	0	-
RBOB GAS	1	0.52	0.0%	0	-	0	68	-99.4%
RBOB GASOLINE BALMO CLNDR	9	23.04	-62.6%	36.2	-76.2%	42	51	-18.2%
RBOB PHY	166,629	201,143.57	-17.2%	205,582.45	-18.9%	202,978	200,263	1.4%
RBOB SPREAD (PLATTS) SWAP	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	3	0	-	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	1	1.3	-30.0%	4.8	-81.0%	1	2	-51.4%
SINGAPORE 380CST BALMO	1	11.35	-93.5%	4.15	-82.2%	4	10	-62.9%
SINGAPORE 380CST FUEL OIL	73	262.22	-72.1%	105.4	-30.6%	132	399	-66.8%
SINGAPORE FUEL 180CST CAL	3	21.83	-87.5%	1.6	71.2%	11	38	-71.1%
SINGAPORE FUEL OIL SPREAD	2	5.09	-62.4%	5	-61.7%	3	28	-89.4%
SINGAPORE GASOIL	222	248.65	-10.8%	263.65	-15.8%	272	253	7.6%
SINGAPORE GASOIL CALENDAR	10	16.52	-38.4%	4.25	139.4%	10	26	-63.4%
SINGAPORE GASOIL SWAP	22	31.78	-31.1%	21.35	2.6%	44	216	-79.8%
SINGAPORE GASOIL VS ICE	4	363.91	-98.8%	0	-	22	599	-96.4%
SINGAPORE JET KERO BALMO	2	0	-	0	-	0	1	-76.7%
SINGAPORE JET KERO GASOIL	0	13.04	-100.0%	0	-	0	162	-99.7%
SINGAPORE JET KEROSENE SW	44	40.22	9.7%	21.25	107.7%	28	62	-53.8%
SINGAPORE JET KERO VS. GASOIL	0	0	-	0	-	0	2	-100.0%
SINGAPORE MOGAS 92 UNLEADED	0	16.3	-100.0%	1.25	-100.0%	7	27	-73.8%
SINGAPORE MOGAS 92 UNLEADED	115	641.35	-82.0%	119.25	-3.2%	419	653	-35.9%
SINGAPORE NAPHTHA SWAP	0	0	-	0	-	0	1	-100.0%
SING FUEL	0	0.22	0.0%	0	-	0	0	-95.0%
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	8	6.09	35.7%	9	-8.2%	12	4	183.7%
TC5 RAS TANURA TO YOKOHAM	3	29.57	-91.2%	42	-93.8%	16	5	231.8%

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Energy Futures								
TCO BASIS SWAP	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	420	132	218.3%	416.7	0.8%	265	59	349.9%
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	-66.7%
UK NBP NAT GAS CAL MTH FUT	16	14.22	11.6%	60.5	-73.8%	29	220	-87.0%
ULSD 10PPM CIF MED VS ICE	0	0	-	0	-	0	0	-100.0%
ULSD UP-DOWN BALMO SWP	483	291.3	65.7%	252.75	91.0%	267	266	0.4%
UP DOWN GC ULSD VS NMX HO	2,178	1,663.96	30.9%	2,304.85	-5.5%	1,617	1,553	4.1%
WAHA BASIS	0	0	-	0	-	3	15	-79.7%
WESTERN RAIL DELIVERY PRB	0	0	-	0	-	0	0	-100.0%
WTI-BRENT BULLET SWAP	22	0	-	0	-	9	32	-70.6%
WTI-BRENT CALENDAR SWAP	1,724	773.7	122.9%	1,718.95	0.3%	1,718	1,494	15.0%
WTI CALENDAR	1,906	1,763.04	8.1%	1,923.5	-0.9%	1,907	1,594	19.6%
WTS (ARGUS) VS WTI SWAP	268	264.7	1.3%	81.25	229.9%	212	406	-47.8%
WTS (ARGUS) VS WTI TRD MT	27	31.3	-13.9%	2.1	1183.6%	34	29	17.2%

Energy Options

BRENT 1 MONTH CAL	0	0	-	0	-	0	14	-100.0%
BRENT CALENDAR SWAP	0	318.35	-100.0%	0	-	18	62	-71.1%
BRENT CRUDE OIL 12 M CSO	0	0	-	0	-	0	9	-100.0%
BRENT CRUDE OIL 1 M CSO	26	802.17	-96.7%	0	-	170	1,945	-91.3%
BRENT CRUDE OIL 6 M CSO	0	0	-	0	-	0	5	-100.0%
BRENT OIL LAST DAY	3,887	18,657.52	-79.2%	5,444.4	-28.6%	6,161	9,424	-34.6%
COAL API2 INDEX	0	15	-97.1%	4	-89.1%	5	47	-89.3%
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	6,334	9,707.39	-34.8%	11,313.75	-44.0%	10,642	9,611	10.7%
CRUDE OIL APO	1,056	832.48	26.8%	1,648.2	-35.9%	2,062	2,056	0.3%
CRUDE OIL CALNDR STRIP	0	0	-	0	-	1	1	17.6%
CRUDE OIL OUTRIGHTS	0	364.78	-100.0%	0	-	5	40	-88.6%
CRUDE OIL PHY	109,939	181,412.13	-39.4%	159,257.85	-31.0%	132,880	171,560	-22.5%
ETHANOL	0	0	-	0	-	0	2	-100.0%
ETHANOL SWAP	419	164.22	155.1%	470	-10.9%	525	314	67.0%
FREIGHT MARKETS	0	0	-	90	-100.0%	9	0	-
HEATING OIL PHY	1,073	1,340.35	-19.9%	1,437.3	-25.3%	1,348	1,403	-3.9%
HENRY HUB FINANCIAL LAST	238	152.22	56.5%	449.2	-47.0%	299	208	43.8%
HO 1 MONTH CLNDR OPTIONS	0	4.35	-100.0%	0	-	10	0	2050.1%
LLS CRUDE OIL	0	0	-	0	-	0	0	-100.0%
MCCLOSKEY ARA ARGS COAL	2	0	-	0	-	1	1	-37.9%
MCCLOSKEY RCH BAY COAL	8	3.04	157.1%	0	-	5	10	-47.0%

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	ADV OCT 2019	ADV OCT 2018	% CHG	ADV SEP 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Options								
NATURAL GAS 1 M CSO FIN	5,952	2,204.35	170.0%	9,158.85	-35.0%	3,571	1,749	104.1%
NATURAL GAS 2 M CSO FIN	26	0	-	75	-65.2%	30	7	344.6%
NATURAL GAS 3 M CSO FIN	39	8.7	350.0%	2,313.75	-98.3%	1,069	210	409.7%
NATURAL GAS 5 M CSO FIN	83	0	-	62.5	32.2%	23	12	86.3%
NATURAL GAS 6 M CSO FIN	717	252.17	184.5%	322.5	122.4%	303	400	-24.1%
NATURAL GAS OPTION ON CALEND	166	185.65	-10.5%	152	9.3%	122	131	-6.6%
NATURAL GAS PHY	94,542	122,441.26	-22.8%	107,532.25	-12.1%	79,332	95,593	-17.0%
NATURAL GAS WINTER STRIP	0	26.09	-100.0%	0	-	7	13	-44.4%
N ROCKIES PIPE SWAP	8	0	-	27.3	-71.0%	21	10	115.9%
NY HARBOR HEAT OIL SWP	319	150	112.6%	100	218.9%	125	124	0.9%
NYISO ZONE G 5MW PEAK OPTIONS	0	0	-	0	-	0	0	-
PANHANDLE PIPE SWAP	0	0	-	0	-	0	0	-
PETROCHEMICALS	1	58.57	-98.8%	22.5	-96.9%	27	54	-50.1%
PETRO OUTRIGHT EURO	1	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	0	0	-	9	-100.0%	2	1	118.7%
PJM WES HUB PEAK CAL MTH	8	11.74	-29.6%	1	726.1%	4	8	-46.9%
PJM WES HUB PEAK LMP 50MW	0	10.96	-100.0%	0	-	4	35	-88.7%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-	1	3	-78.6%
RBOB CALENDAR SWAP	3	3.7	-11.8%	6	-45.7%	3	5	-45.1%
RBOB CRACK	0	0.09	-100.0%	0	-	0	0	-100.0%
RBOB PHY	260	873.43	-70.2%	467.7	-44.4%	678	576	17.7%
ROTTERDAM 3.5%FUEL OIL CL	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	40	1.35	2835.5%	0	-	18	10	80.5%
SHORT TERM	0	32.61	-100.0%	27.5	-100.0%	20	40	-50.3%
SHORT TERM NATURAL GAS	71	95	-25.6%	60	17.8%	58	111	-48.4%
SINGAPORE GASOIL CALENDAR	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALEND	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	973	1,384.52	-29.7%	3,345	-70.9%	2,528	3,826	-33.9%
WTI CRUDE OIL 1 M CSO FI	3,663	3,784.78	-3.2%	1,077.5	240.0%	2,545	3,426	-25.7%

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Metals Futures								
ALUMINUM	1,126	718.7	56.6%	571.9	96.9%	604	641	-5.7%
COMEX COPPER	72,781	114,167.48	-36.3%	74,569.7	-2.4%	95,860	136,290	-29.7%
COMEX E-Mini GOLD	1,146	489.13	134.3%	1,616.95	-29.1%	962	390	146.6%
COMEX E-Mini SILVER	159	40.7	291.3%	373.05	-57.3%	213	55	291.5%
COMEX GOLD	348,528	281,314.91	23.9%	429,143.25	-18.8%	342,119	330,893	3.4%
COMEX MINY COPPER	24	18.04	31.1%	37.15	-36.3%	31	22	44.3%
COMEX SILVER	78,718	77,979.74	0.9%	128,993.65	-39.0%	96,076	96,622	-0.6%
COPPER	99	113.52	-12.7%	50.35	96.9%	44	70	-37.1%
E-MICRO GOLD	35,348	10,738.96	229.2%	36,132.95	-2.2%	21,341	7,033	203.5%
FERROUS PRODUCTS	32	104.65	-69.5%	70.15	-54.6%	52	81	-36.0%
GOLD	681	0	-	0	-	74	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	85	208.35	-59.1%	147.2	-42.1%	240	179	34.1%
LNDN ZINC	0	200.04	-100.0%	0	-	6	50	-88.3%
NYMEX HOT ROLLED STEEL	635	420.22	51.2%	460	38.1%	731	476	53.7%
NYMEX PLATINUM	17,753	16,683.48	6.4%	36,958.4	-52.0%	23,102	21,767	6.1%
PALLADIUM	3,945	5,043.61	-21.8%	4,007.6	-1.6%	4,988	5,738	-13.1%
SILVER	1,749	412.78	323.7%	2,851.9	-38.7%	1,290	367	251.9%
URANIUM	0	35.96	-100.0%	60.85	-100.0%	50	20	147.7%
Metals Options								
COMEX COPPER	2,418	1,990.13	21.5%	2,928.9	-17.4%	2,816	1,352	108.3%
COMEX GOLD	51,930	51,016.22	1.8%	72,131	-28.0%	62,730	46,879	33.8%
COMEX SILVER	7,419	6,371.61	16.4%	16,272.65	-54.4%	8,946	7,410	20.7%
COPPER	35	1.78	1856.0%	29.5	18.2%	13	2	462.0%
GOLD	7,618	2,622.91	190.5%	9,482.15	-19.7%	6,473	2,001	223.5%
HOT ROLLED COIL STEEL CALL OPT	7	0	-	0	-	5	0	-
IRON ORE 62 CHINA TSI CALL OPTIC	1	0	-	2	-34.8%	32	1	3314.9%
IRON ORE 62 CHINA TSI PUT OPTIO	0	0	-	0	-	17	6	181.2%
NYMEX PLATINUM	149	126.09	17.9%	173.2	-14.2%	167	190	-12.2%
PALLADIUM	70	47.74	46.4%	41.15	69.9%	59	131	-55.4%
SILVER	450	143.09	214.3%	701.7	-35.9%	304	97	213.3%
Foreign Exchange Futures								
CHILEAN PESO	0	170.74	-100.0%	0	-	2	101	-98.1%
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS - WK	74	55.39	33.2%	28	163.5%	42	45	-7.3%

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	ADV OCT 2019	ADV OCT 2018	% CHG	ADV SEP 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Ags Futures								
FERTILIZER PRODUCS	156	51.74	201.3%	108.25	44.0%	99	49	103.4%
Ag Products Futures								
BUTTER CS	285	212.91	33.8%	194.15	46.7%	206	204	1.1%
CASH-SETTLED CHEESE	427	774.52	-44.9%	505.15	-15.5%	520	512	1.6%
CATTLE	50,214	60,755.26	-17.4%	76,987.3	-34.8%	67,607	65,650	3.0%
CAT WEATHER EUROPEAN	0	0	-	0	-	15	0	-
CDD SEASONAL STRIP	0	0	-	0	-	2	3	-25.0%
CDD WEATHER	0	0	-	0	-	43	10	317.4%
CHI WHEAT	84,889	104,684.87	-18.9%	76,992.4	10.3%	123,356	152,818	-19.3%
CLASS IV MILK	85	44.78	89.2%	166.3	-49.0%	120	30	297.5%
COCOA TAS	0	0	-	0	-	0	0	59.9%
CORN	265,370	286,356.78	-7.3%	266,104.75	-0.3%	431,810	395,114	9.3%
COTTON	0	0.3	-71.4%	0.3	-71.0%	0	0	90.0%
DJ_UBS ROLL SELECT INDEX FUTU	0	28.74	-100.0%	135.75	-100.0%	51	79	-36.1%
DOW-UBS COMMOD INDEX	1,016	2,713.87	-62.6%	3,544	-71.3%	2,205	3,730	-40.9%
DRY WHEY	61	116.13	-47.8%	47.8	26.8%	58	68	-14.1%
FEEDER CATTLE	12,231	14,416.87	-15.2%	15,083	-18.9%	14,836	14,556	1.9%
FERTILIZER PRODUCS	37	95.87	-61.7%	15.5	137.0%	71	107	-33.3%
GOLDMAN SACHS	1,204	1,381.13	-12.8%	1,362	-11.6%	1,340	1,492	-10.2%
GSCI EXCESS RETURN FUT	151	70.3	114.5%	4,162.95	-96.4%	1,485	1,658	-10.4%
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-100.0%
HDD WEATHER	104	10.87	860.0%	0	-	21	47	-54.3%
HDD WEATHER EUROPEAN	76	0	-	62.5	21.7%	28	85	-66.7%
HOGS	53,916	49,597	8.7%	72,818.15	-26.0%	63,983	54,650	17.1%
HOUSING INDEX	1	0.96	-13.6%	0.9	-8.2%	1	0	43.8%
Intercommodity Spread	0	0	-	0	-	0	0	-
KC WHEAT	49,260	43,834.48	12.4%	39,927.55	23.4%	61,422	63,222	-2.8%
LUMBER	631	892.7	-29.3%	504.25	25.1%	655	904	-27.5%
MALAYSIAN PALM SWAP	90	46.96	92.6%	486	-81.4%	207	208	-0.4%
MILK	1,582	1,564.91	1.1%	1,750.15	-9.6%	1,283	1,150	11.6%
MINI CORN	564	385.52	46.3%	659.2	-14.5%	705	477	47.6%
MINI SOYBEAN	1,242	1,087.3	14.3%	868.25	43.1%	903	1,083	-16.6%
MINI WHEAT	322	310.09	3.9%	826.2	-61.0%	370	375	-1.2%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	213	169.22	25.7%	306.2	-30.5%	300	237	26.6%
OATS	542	781.09	-30.6%	457.25	18.5%	631	688	-8.3%
ROUGH RICE	1,323	1,297.17	2.0%	771.1	71.6%	1,021	954	7.1%
SOYBEAN	300,572	253,545.52	18.5%	172,265.7	74.5%	212,902	240,921	-11.6%
SOYBEAN MEAL	103,138	114,840.61	-10.2%	104,317.5	-1.1%	110,881	129,209	-14.2%
SOYBEAN OIL	119,958	100,528.83	19.3%	126,371.7	-5.1%	119,616	121,663	-1.7%
S&P GSCI ENHANCED ER SWAP	0	0	-	376.2	-100.0%	142	160	-11.6%
SUGAR 11	0	0	-	0	-	0	0	-82.8%
USD CRUDE PALM OIL	53	33.91	55.1%	42	25.3%	54	36	51.3%
WHEAT	800	989.35	-19.1%	581.05	37.7%	756	706	7.2%

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Ag Products Options								
BUTTER CS	107	130.17	-17.8%	83.9	27.6%	151	193	-21.7%
CASH-SETTLED CHEESE	398	566.35	-29.7%	445.8	-10.7%	455	485	-6.1%
CATTLE	10,275	7,615.91	34.9%	11,467.2	-10.4%	9,722	11,059	-12.1%
CAT WEATHER EUROPEAN	0	0	-	0	-	9	0	-
CDD SEASONAL STRIP	0	0	-	0	-	24	3	614.3%
CHI WHEAT	20,357	31,394.52	-35.2%	17,200.55	18.4%	30,665	39,532	-22.4%
CLASS IV MILK	80	29.61	168.6%	123.4	-35.6%	173	52	231.9%
CORN	97,354	63,254.57	53.9%	92,283.35	5.5%	136,386	107,933	26.4%
CORN NEARBY+2 CAL SPRD	990	161.74	512.2%	427.5	131.6%	352	124	184.6%
DEC-DEC CORN CAL SPRD	157	153.61	1.9%	40.55	286.1%	87	98	-11.3%
DEC-JULY CORN CAL SPRD	63	21.74	189.8%	87.7	-28.2%	105	83	27.1%
DEC-JULY WHEAT CAL SPRD	2	0	-	0	-	0	8	-97.0%
DRY WHEY	22	24.65	-8.8%	37.85	-40.6%	37	31	20.4%
FEEDER CATTLE	971	1,133.48	-14.3%	1,093.35	-11.2%	1,439	1,392	3.4%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	43	-100.0%
HDD WEATHER	0	10.87	-100.0%	0	-	0	1	-100.0%
HOGS	14,545	11,661.09	24.7%	16,747.8	-13.2%	17,439	11,300	54.3%
HOUSING INDEX	0	0	-	0	-	0	0	-
Intercommodity Spread	5	21.7	-76.2%	0	-	5	52	-89.9%
JULY-DEC CORN CAL SPRD	357	1.3	27252.2%	6.55	5347.1%	99	51	92.9%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-	0	6	-100.0%
JULY-DEC WHEAT CAL SPRD	2	0	-	0	-	7	11	-38.0%
JULY-NOV SOYBEAN CAL SPRD	244	102.61	137.5%	0	-	56	276	-79.7%
KC WHEAT	3,660	1,719.35	112.9%	3,427.35	6.8%	4,414	4,185	5.5%
LUMBER	60	102.48	-41.3%	49.9	20.5%	83	85	-2.6%
LV CATL CSO	0	0.87	-100.0%	2.5	-100.0%	3	1	75.2%
MAR-DEC CORN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY CORN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-	0	1	-85.0%
MILK	1,796	1,814.7	-1.0%	2,037.05	-11.8%	1,815	1,660	9.3%
MLK MID OPTIONS	0	1.65	-81.6%	0.2	52.1%	1	2	-50.2%
NFD MILK	190	199.26	-4.5%	215.2	-11.5%	294	236	24.9%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	17	0	357870.2%
NOV-MAR SOYBEAN CSO	0	0	-	0	-	0	1	-84.6%
NOV-NOV SOYBEAN CAL SPRD	41	0	-	0.5	8021.7%	13	1	2296.8%
OATS	11	74.61	-85.1%	8.2	35.2%	21	27	-22.7%
ROUGH RICE	138	93.78	47.1%	203.7	-32.3%	143	78	83.8%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-	0	6	-100.0%
SOYBEAN	51,842	55,511.57	-6.6%	41,578.3	24.7%	54,712	78,721	-30.5%
SOYBEAN CRUSH	8	0	-	0	-	1	1	-3.3%
SOYBEAN MEAL	7,796	8,821.09	-11.6%	6,709.65	16.2%	7,629	13,950	-45.3%
SOYBEAN OIL	7,392	6,670.91	10.8%	6,609.5	11.8%	5,749	5,690	1.0%
SOYBN NEARBY+2 CAL SPRD	0	0	-	0	-	26	0	54892.0%
SOYMEAL NEARBY+2 CAL SPRD	0	140.22	-100.0%	0	-	2	40	-94.2%
WHEAT	216	33.7	541.2%	358.5	-39.7%	239	25	860.3%
WHEAT-CORN ICSO	9	28.04	-69.0%	0	-	14	27	-50.2%
WHEAT NEARBY+2 CAL SPRD	5	45.65	-88.9%	4.15	22.6%	13	65	-80.0%

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TOTAL FUTURES GROUP								
Interest Rate Futures	6,114,318	7,902,584.61	-22.6%	7,200,031.05	-15.1%	7,795,011	7,345,891	6.1%
Equity Index Futures	2,702,453	3,660,446.7	-26.2%	3,296,670.35	-18.0%	2,857,198	2,614,988	9.3%
Metals Futures	562,808	508,690.26	10.6%	716,045.05	-21.4%	587,784	600,693	-2.1%
Energy Futures	2,058,927	2,178,808.09	-5.5%	2,472,425.2	-16.7%	2,169,707	2,222,669	-2.4%
FX Futures	755,706	831,364.56	-9.1%	1,007,061.7	-25.0%	809,224	936,711	-13.6%
Foreign Exchange Futures	0	170.74	-100.0%	0	-	2	101	-98.1%
Ags Futures	156	51.74	201.3%	108.25	44.0%	99	49	103.4%
Ag Products Futures	1,050,356	1,041,568.83	0.8%	968,693.2	8.4%	1,219,608	1,252,805	-2.6%
TOTAL FUTURES	13,244,723	16,123,685.52	-17.9%	15,661,034.8	-15.4%	15,438,632.92	14,973,907.46	3.1%
TOTAL OPTIONS GROUP								
Interest Rate Options	2,530,376	2,725,738.52	-7.2%	2,745,232.75	-7.8%	2,886,671	2,385,638	21.0%
Equity Index Options	675,506	1,068,791.04	-36.8%	678,469.8	-0.4%	651,419	811,539	-19.7%
Metals Options	70,096	62,319.57	12.5%	101,762.25	-31.1%	81,562	58,069	40.5%
Energy Options	229,855	345,298.96	-33.4%	304,875.05	-24.6%	244,630	303,058	-19.3%
FX Options	48,289	71,216.52	-32.2%	53,208.95	-9.2%	53,191	75,279	-29.3%
Ag Products Options	219,095	191,541.78	14.4%	201,250.2	8.9%	272,402	277,535	-1.8%
Foreign Exchange Options	74	55.39	33.2%	28	163.5%	42	45	-7.3%
TOTAL OPTIONS	3,773,290	4,464,961.78	-15.5%	4,084,827	-7.6%	4,189,915.97	3,911,162.04	7.1%
TOTAL COMBINED								
FX	803,994	902,581.09	-10.9%	1,060,270.65	-24.2%	862,415	1,011,989	-14.8%
Equity Index	3,377,959	4,729,237.74	-28.6%	3,975,140.15	-15.0%	3,508,617	3,426,527	2.4%
Interest Rate	8,644,694	10,628,323.13	-18.7%	9,945,263.8	-13.1%	10,681,683	9,731,529	9.8%
Energy	2,288,781	2,524,107.04	-9.3%	2,777,300.25	-17.6%	2,414,337	2,525,728	-4.4%
Metals	632,904	571,009.83	10.8%	817,807.3	-22.6%	669,345	658,762	1.6%
Foreign Exchange	74	226.13	-67.4%	28	163.5%	43	146	-70.3%
Ags	156	51.74	201.3%	108.25	44.0%	99	49	103.4%
Ag Products	1,269,451	1,233,110.61	2.9%	1,169,943.4	8.5%	1,492,010	1,530,340	-2.5%
GRAND TOTAL	17,018,013	20,588,647.3	-17.3%	19,745,861.8	-13.8%	19,628,548.89	18,885,069.51	3.9%

*** 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.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.