

CME Group Exchange ADV Report - Monthly

December 2019

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	ADV DEC 2019	ADV DEC 2018	% CHG	ADV NOV 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
FX Futures								
AD/CD CROSS RATES	5	0.05	9519.0%	4.05	18.8%	1	0	440.0%
AD/JY CROSS RATES	124	198.9	-37.6%	49	153.5%	132	199	-34.1%
AD/NE CROSS RATES	12	11.55	1.8%	10	17.6%	10	4	151.8%
AUSTRALIAN DOLLAR	111,538	107,588.05	3.7%	88,001.9	26.7%	100,118	111,359	-10.1%
BP/JY CROSS RATES	203	147.3	37.6%	62.75	223.0%	150	149	1.1%
BP/SF CROSS RATES	15	6.45	132.6%	13.7	9.5%	19	16	18.8%
BRAZIL REAL	10,388	3,973.25	161.4%	13,756.4	-24.5%	8,642	6,447	34.1%
BRITISH POUND	154,473	127,754	20.9%	86,551.8	78.5%	121,199	128,726	-5.8%
CANADIAN DOLLAR	92,195	99,326.55	-7.2%	67,373.95	36.8%	79,391	83,410	-4.8%
CD/JY CROSS RATES	4	5	-14.3%	0.45	852.4%	1	6	-84.6%
CHINESE RENMINBI (CNH)	950	947.65	0.2%	1,305.1	-27.2%	1,306	466	180.3%
CZECK KORUNA (EC)	1	0	-	0	-	0	0	425.9%
CZECK KORUNA (US)	0	0.15	-100.0%	0	-	0	0	-100.0%
EC/AD CROSS RATES	341	377.35	-9.5%	181.95	87.6%	244	131	85.7%
EC/CD CROSS RATES	421	413.1	1.9%	46.05	814.1%	168	179	-6.0%
EC/NOK CROSS RATES	37	13.75	169.1%	17.95	106.1%	31	18	75.8%
EC/SEK CROSS RATES	107	98.4	8.6%	16.2	559.6%	42	40	4.3%
EFX/BP CROSS RATES	6,084	6,711.55	-9.4%	2,595.15	134.4%	4,700	4,226	11.2%
EFX/JY CROSS RATES	5,874	6,183.2	-5.0%	2,132	175.5%	3,553	4,145	-14.3%
EFX/SF CROSS RATES	2,006	2,329.85	-13.9%	1,112.85	80.3%	1,698	1,499	13.3%
E-MINI EURO FX	4,597	5,114.6	-10.1%	2,525.05	82.0%	4,372	4,859	-10.0%
E-MINI JAPANESE YEN	590	1,099.35	-46.4%	903.5	-34.7%	809	648	24.8%
EURO FX	272,656	267,686.2	1.9%	148,804.1	83.2%	208,294	272,957	-23.7%
HUNGARIAN FORINT (EC)	0	0	-	0	-	0	0	-100.0%
HUNGARIAN FORINT (US)	2	0	-	0.2	781.0%	0	3	-90.4%
INDIAN RUPEE	1,442	3,918.3	-63.2%	1,359	6.1%	2,964	4,322	-31.4%
JAPANESE YEN	146,084	165,267.5	-11.6%	115,167.2	26.8%	129,261	146,743	-11.9%
KOREAN WON	87	43.95	97.4%	10.35	738.3%	41	27	51.2%
MEXICAN PESO	67,107	69,028.45	-2.8%	47,111.65	42.4%	59,778	67,783	-11.8%
MICRO AUD/USD	3,644	5,561.05	-34.5%	3,742.55	-2.6%	4,772	5,210	-8.4%
MICRO CAD/USD	786	864.7	-9.1%	627.1	25.4%	799	821	-2.7%
MICRO CHF/USD	330	100.45	228.5%	246.25	34.0%	170	73	134.0%
MICRO EUR/USD	7,400	14,291.65	-48.2%	6,900.75	7.2%	10,479	17,155	-38.9%
MICRO GBP/USD	3,039	1,820.85	66.9%	2,884.9	5.3%	2,581	2,165	19.2%
MICRO INR/USD	155	405.45	-61.8%	161.55	-4.0%	222	249	-11.0%
MICRO JPY/USD	750	1,293	-42.0%	786.9	-4.7%	1,263	1,416	-10.8%
NEW ZEALND DOLLAR	33,281	30,419.2	9.4%	25,590	30.1%	27,676	29,972	-7.7%
NKR/USD CROSS RATE	553	313.3	76.6%	211.1	162.1%	280	256	9.3%
POLISH ZLOTY (EC)	0	1.2	-92.1%	0	-	2	1	117.2%
POLISH ZLOTY (US)	19	6.6	183.6%	13.65	37.1%	8	5	74.8%
RMB USD	0	0	-	0.05	-4.8%	0	0	-84.6%
RUSSIAN RUBLE	7,981	5,889.35	35.5%	1,291.55	517.9%	4,189	3,052	37.2%
S.AFRICAN RAND	4,921	3,677.8	33.8%	2,080.2	136.6%	2,806	2,354	19.2%
SF/JY CROSS RATES	1	0	-	0.5	138.1%	0	1	-69.8%
SHEKEL	1	0	-	0.35	172.1%	0	10	-98.5%
SKR/USD CROSS RATES	445	324.05	37.4%	158.15	181.5%	192	246	-21.8%
SWISS FRANC	38,346	32,652.4	17.4%	26,643	43.9%	28,359	28,819	-1.6%
TURKISH LIRA	145	111.7	29.6%	10.95	1222.0%	60	155	-61.4%
USDZAR	0	0	-	0	-	0	0	33.4%

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FX Options								
AUD/USD MONTHLY OPTIONS	3,227	3,619.8	-10.9%	2,663.6	21.2%	3,281	4,140	-20.7%
AUD/USD WKLY FRIDAY OPTIONS -	0	0	-	14.65	-100.0%	86	181	-52.6%
AUD/USD WKLY FRIDAY OPTIONS -	478	440.4	8.4%	168.1	184.1%	290	330	-12.0%
AUD/USD WKLY FRIDAY OPTIONS -	419	564.85	-25.8%	172.1	143.4%	310	483	-35.8%
AUD/USD WKLY FRIDAY OPTIONS -	202	255.55	-21.0%	242.35	-16.7%	305	476	-35.9%
AUD/USD WKLY FRIDAY OPTIONS -	3	0	-	165.4	-98.2%	79	146	-45.8%
AUD/USD WKLY WED OPTIONS - WK	56	139.05	-60.0%	73.3	-24.1%	79	154	-49.0%
AUD/USD WKLY WED OPTIONS - WK	99	98.65	0.7%	70.95	40.1%	82	116	-28.8%
AUD/USD WKLY WED OPTIONS - WK	23	82.25	-72.0%	35.45	-35.0%	37	63	-41.6%
AUD/USD WKLY WED OPTIONS - WK	24	40.1	-39.9%	103.4	-76.7%	63	96	-34.8%
AUD/USD WKLY WED OPTIONS - WK	0	0	-	0	-	21	36	-42.2%
BRITISH POUND (EU)	0	0.05	-100.0%	0	-	0	1	-100.0%
BRL/USD MONTHLY OPTIONS	0	0	-	54.65	-100.0%	7	0	-
CAD/USD MONTHLY OPTIONS	2,326	3,179.65	-26.8%	2,604.1	-10.7%	2,498	3,982	-37.3%
CAD/USD WKLY FRIDAY OPTIONS -	0	5	-100.0%	35.1	-100.0%	144	259	-44.5%
CAD/USD WKLY FRIDAY OPTIONS -	608	763.9	-20.5%	233.05	160.7%	332	574	-42.2%
CAD/USD WKLY FRIDAY OPTIONS -	611	472.05	29.3%	320.65	90.4%	454	799	-43.2%
CAD/USD WKLY FRIDAY OPTIONS -	543	479.4	13.3%	550.25	-1.3%	498	768	-35.2%
CAD/USD WKLY FRIDAY OPTIONS -	33	0	-	593	-94.5%	146	261	-44.0%
CAD/USD WKLY WED OPTIONS - WK	5	154.05	-96.8%	228.2	-97.9%	135	159	-15.2%
CAD/USD WKLY WED OPTIONS - WK	189	79.05	139.3%	191.25	-1.1%	163	159	2.5%
CAD/USD WKLY WED OPTIONS - WK	188	280.95	-33.2%	193.45	-3.0%	154	211	-27.2%
CAD/USD WKLY WED OPTIONS - WK	173	6.15	2708.4%	224.4	-23.0%	140	174	-19.5%
CAD/USD WKLY WED OPTIONS - WK	0	0	-	0	-	42	83	-50.0%
CANADIAN DOLLAR (EU)	0	0	-	0	-	0	0	-100.0%
CHF/USD MONTHLY OPTIONS	292	38.9	651.3%	333.5	-12.4%	156	104	50.5%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	1	1	-16.2%
CHF/USD WKLY FRIDAY OPTIONS -	8	0.15	5392.1%	20.25	-59.3%	12	3	286.7%
CHF/USD WKLY FRIDAY OPTIONS -	18	0.95	1784.7%	3.45	419.0%	9	4	135.4%
CHF/USD WKLY FRIDAY OPTIONS -	14	0	-	3.1	337.8%	7	7	1.3%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	2	3	-13.9%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	0	0	-
EUR/JPY MONTHLY OPTIONS	0	0	-	0	-	0	11	-100.0%
EURO FX (EU)	0	0	-	0	-	0	0	-100.0%
EUR/USD MONTHLY OPTIONS	10,658	16,392.55	-35.0%	10,325.05	3.2%	16,209	23,708	-31.6%
EUR/USD WKLY FRIDAY OPTIONS -	0	0.65	-100.0%	90.3	-100.0%	458	1,138	-59.8%
EUR/USD WKLY FRIDAY OPTIONS -	1,826	2,709.1	-32.6%	355.7	413.4%	1,239	1,597	-22.4%
EUR/USD WKLY FRIDAY OPTIONS -	1,244	3,718.35	-66.5%	720.15	72.8%	1,386	2,495	-44.4%
EUR/USD WKLY FRIDAY OPTIONS -	747	1,645.7	-54.6%	899.7	-17.0%	1,524	2,332	-34.6%
EUR/USD WKLY FRIDAY OPTIONS -	6	0	-	920.35	-99.4%	402	613	-34.4%
EUR/USD WKLY WED OPTIONS - WK	584	721.45	-19.0%	593.05	-1.4%	608	622	-2.2%
EUR/USD WKLY WED OPTIONS - WK	616	898.4	-31.4%	440.8	39.7%	596	622	-4.2%
EUR/USD WKLY WED OPTIONS - WK	583	636.5	-8.3%	404.95	44.1%	599	562	6.7%
EUR/USD WKLY WED OPTIONS - WK	463	462.45	0.2%	473.9	-2.2%	650	621	4.6%
EUR/USD WKLY WED OPTIONS - WK	0	0	-	0	-	163	262	-37.9%
GBP/USD MONTHLY OPTIONS	7,426	7,129.15	4.2%	3,755.2	97.7%	6,060	8,833	-31.4%
GBP/USD WKLY FRIDAY OPTIONS -	0	3.5	-100.0%	0.35	-100.0%	131	288	-54.7%
GBP/USD WKLY FRIDAY OPTIONS -	738	1,000.35	-26.2%	123.35	498.5%	343	649	-47.2%

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FX Options								
GBP/USD WKLY FRIDAY OPTIONS -	594	668.75	-11.2%	79.5	646.9%	443	933	-52.5%
GBP/USD WKLY FRIDAY OPTIONS -	215	303	-29.2%	169.25	26.8%	391	915	-57.2%
GBP/USD WKLY FRIDAY OPTIONS -	1	0	-	177.55	-99.3%	126	239	-47.2%
GBP/USD WKLY WED OPTIONS - WK	50	164.85	-69.7%	37.9	31.8%	107	176	-39.6%
GBP/USD WKLY WED OPTIONS - WK	199	346.05	-42.4%	178.25	11.9%	142	246	-42.3%
GBP/USD WKLY WED OPTIONS - WK	82	138.85	-40.9%	28.8	185.1%	118	256	-53.8%
GBP/USD WKLY WED OPTIONS - WK	120	105.3	14.0%	10.4	1054.3%	108	208	-47.9%
GBP/USD WKLY WED OPTIONS - WK	0	0	-	0	-	37	131	-71.6%
JAPANESE YEN (EU)	0	0	-	0	-	0	0	-
JPY/USD MONTHLY OPTIONS	4,554	7,668.75	-40.6%	5,835.05	-22.0%	6,488	7,966	-18.6%
JPY/USD WKLY FRIDAY OPTIONS -	0	0	-	23.25	-100.0%	227	371	-38.8%
JPY/USD WKLY FRIDAY OPTIONS -	907	1,138.55	-20.3%	415.75	118.2%	498	731	-31.9%
JPY/USD WKLY FRIDAY OPTIONS -	574	1,522.25	-62.3%	498.8	15.1%	665	1,085	-38.7%
JPY/USD WKLY FRIDAY OPTIONS -	389	836.55	-53.5%	410.4	-5.2%	621	1,041	-40.3%
JPY/USD WKLY FRIDAY OPTIONS -	4	0	-	552.65	-99.2%	235	255	-7.6%
JPY/USD WKLY WED OPTIONS - WK	234	256.7	-8.9%	207.15	12.9%	223	226	-1.4%
JPY/USD WKLY WED OPTIONS - WK	319	254.85	25.2%	180.75	76.6%	213	227	-6.1%
JPY/USD WKLY WED OPTIONS - WK	140	170.5	-17.8%	241.05	-41.8%	206	197	4.1%
JPY/USD WKLY WED OPTIONS - WK	121	319.8	-62.2%	178.85	-32.5%	205	233	-12.0%
JPY/USD WKLY WED OPTIONS - WK	0	0	-	0	-	45	95	-52.3%
MXN/USD MONTHLY OPTIONS	34	75.85	-54.8%	69.1	-50.4%	68	92	-26.1%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	5	0	-
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	2	1	157.6%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	12.35	-100.0%	5	1	372.0%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	10.05	-100.0%	2	3	-16.1%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	1.4	-100.0%	0	0	-
NZD/USD MONTHLY OPTIONS	69	0.85	7961.6%	64.25	6.7%	36	4	774.5%
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-100.0%
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	2.5	-96.2%	1	0	-
NZD/USD WKLY FRIDAY OPTIONS -	10	0	-	0	-	2	0	-
NZD/USD WKLY FRIDAY OPTIONS -	10	0	-	30	-68.3%	4	0	-
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-

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Equity Index Futures								
BITCOIN FUTURES	5,231	4,002.75	30.7%	5,251.6	-0.4%	6,365	3,664	73.7%
DJ US REAL ESTATE	4,842	5,646.3	-14.3%	1,671.95	189.6%	2,521	2,351	7.2%
E-mini (\$5) Dow	171,097	346,485.65	-50.6%	135,658.55	26.1%	199,912	239,382	-16.5%
E-MINI COM SERVICES SELECT SEC	671	857.7	-21.7%	382.3	75.6%	342	106	223.7%
E-mini FTSE 100 (USD)	0	37.4	-100.0%	0	-	1	65	-97.9%
E-mini FTSE China 50	0	51.9	-100.0%	0	-	3	49	-94.2%
E-MINI MIDCAP	24,090	30,727.65	-21.6%	10,744.55	124.2%	16,302	19,647	-17.0%
E-MINI NASDAQ 100	390,676	732,848.55	-46.7%	336,716.35	16.0%	456,669	492,839	-7.3%
E-MINI RUSSELL 1000	965	1,361.7	-29.1%	154.75	523.6%	449	727	-38.2%
E-MINI RUSSELL 1000 GROWTH	556	547.45	1.5%	130.65	325.2%	279	528	-47.2%
E-MINI RUSSELL 1000 VALUE	1,039	1,789.85	-41.9%	594.1	74.9%	703	797	-11.8%
E-MINI RUSSELL 2000	168,128	244,830.1	-31.3%	110,778.65	51.8%	146,026	150,100	-2.7%
E-MINI S&P500	1,672,930	2,653,534.75	-37.0%	1,152,955.5	45.1%	1,568,043	1,766,663	-11.2%
E-MINI S&P REAL ESTATE SELECT S	823	567	45.2%	526.75	56.3%	358	356	0.6%
FT-SE 100	0	49.45	-100.0%	0	-	1	59	-97.5%
FTSE Emerging	96	176.4	-45.7%	90.7	5.5%	100	46	118.2%
IBOVESPA INDEX	29	37.45	-23.6%	35.1	-18.5%	33	52	-36.4%
MICRO E-MINI NASDAQ 100	150,866	0	-	155,712.45	-3.1%	125,996	0	-
MICRO E-MINI RUSSELL 2000	26,412	0	-	24,177.15	9.2%	19,861	0	-
MICRO E-MINI S&P500	206,095	0	-	174,599	18.0%	170,938	0	-
MICRO MINI \$5 DOW	33,457	0	-	31,880.35	4.9%	31,015	0	-
NASDAQ BIOTECH	15	83.4	-81.6%	12.95	18.4%	18	34	-46.4%
Nearby BTIC+	0	0	-	0.5	-100.0%	0	0	-
NIFTY 50	0	0	-	0	-	0	216	-100.0%
NIKKEI 225 (\$) STOCK	11,367	19,247.45	-40.9%	7,025	61.8%	10,385	15,173	-31.6%
NIKKEI 225 (YEN) STOCK	38,883	58,108.8	-33.1%	31,302.75	24.2%	38,658	43,699	-11.5%
S&P 500	5,566	7,222.05	-22.9%	2,636.7	111.1%	4,804	6,569	-26.9%
S&P 500 ANNUAL DIVIDEND INDEX F	1,285	1,075.95	19.4%	1,890.85	-32.1%	1,296	742	74.7%
S&P 500/GI	1	1	-42.9%	0	-	0	0	-22.6%
S&P 500 QUARLY DIVIDEND INDEX F	2	5	-52.4%	9.75	-75.6%	10	4	156.2%
S&P 600 SMALLCAP EMINI	46	0	-	26.55	72.4%	18	0	440972.5%
S&P CONSUMER DSCRTNRY SECTC	658	1,030.5	-36.2%	247.5	165.8%	424	944	-55.0%
S&P CONSUMER STAPLES SECTOR	1,199	3,314.05	-63.8%	564.55	112.4%	937	1,335	-29.8%
S&P ENERGY SECTOR	1,769	3,791.6	-53.4%	531.95	232.5%	915	1,823	-49.8%
S&P FINANCIAL SECTOR	3,195	4,615.6	-30.8%	1,048.65	204.7%	1,670	2,623	-36.4%
S&P HEALTH CARE SECTOR	2,070	4,463.25	-53.6%	419.2	393.8%	1,016	1,207	-15.8%
S&P INDUSTRIAL SECTOR	1,250	3,833.25	-67.4%	382.95	226.3%	658	1,094	-39.9%
S&P MATERIALS SECTOR	621	1,507.95	-58.8%	249.8	148.6%	494	668	-26.0%
S&P TECHNOLOGY SECTOR	1,402	4,899.65	-71.4%	343	308.7%	757	1,945	-61.1%
S&P UTILITIES SECTOR	2,366	3,354.9	-29.5%	1,021	131.8%	1,530	2,057	-25.6%
S&P VALUE INDEX FUTURES	1	1.2	-36.5%	0	-	0	0	-15.4%
YEN DENOMINATED TOPIX	580	381.55	52.1%	799.85	-27.4%	873	53	1545.6%

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	ADV DEC 2019	ADV DEC 2018	% CHG	ADV NOV 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Equity Index Options								
E-mini (\$5) Dow	448	932.9	-51.9%	104.45	329.3%	214	497	-57.0%
E-MINI NASDAQ 100	8,394	9,757.6	-14.0%	5,972	40.6%	9,504	11,422	-16.8%
E-MINI RUSSELL 2000	774	515.95	50.0%	1,216.55	-36.4%	774	609	27.0%
E-MINI S&P500	302,431	414,467	-27.0%	244,854.8	23.5%	263,173	291,130	-9.6%
EOM E-MINI RUSSELL 2000 END OF	196	150.95	29.8%	395.5	-50.5%	395	307	28.7%
EOM EMINI S&P	79,336	109,905	-27.8%	74,576.25	6.4%	90,220	123,786	-27.1%
EOM S&P 500	5,039	8,903.15	-43.4%	5,992.4	-15.9%	5,527	8,615	-35.8%
EOW1 E-MINI RUSSELL 2000 WEEKL	67	64.6	4.3%	56.65	18.9%	72	95	-24.4%
EOW1 E-MINI RUSSELL 2000 WEEKL	95	91.75	3.5%	86.8	9.4%	93	119	-21.7%
EOW1 EMINI S&P 500	58,199	84,102.85	-30.8%	25,071.85	132.1%	47,217	55,831	-15.4%
EOW1 S&P 500	5,694	6,597.3	-13.7%	3,483.85	63.5%	3,682	4,034	-8.7%
EOW2 E-MINI RUSSELL 2000 WEEKL	176	225.2	-21.6%	163.95	7.6%	230	237	-3.1%
EOW2 EMINI S&P 500	58,991	75,186.2	-21.5%	34,528.9	70.8%	48,460	62,826	-22.9%
EOW2 S&P 500	8,704	14,520.35	-40.1%	6,650.4	30.9%	6,391	7,996	-20.1%
EOW3 E-MINI RUSSELL 2000 WEEKL	733	346.3	111.5%	687.6	6.5%	719	851	-15.5%
EOW3 EMINI S&P 500	76,943	142,533.4	-46.0%	80,304.4	-4.2%	109,072	171,769	-36.5%
EOW3 S&P 500	1,907	5,546.85	-65.6%	4,281.8	-55.5%	5,587	12,228	-54.3%
EOW4 E-MINI RUSSELL 2000 WEEKL	165	142.65	15.8%	137.4	20.2%	155	241	-35.6%
EOW4 EMINI S&P 500	40,283	74,532.1	-46.0%	43,605.15	-7.6%	41,042	55,200	-25.6%
S&P 500	16,685	25,510	-34.6%	10,832.6	54.0%	11,441	15,770	-27.5%
Interest Rate Futures								
10-YR NOTE	1,353,676	1,600,077.15	-15.4%	2,144,169.85	-36.9%	1,785,039	1,816,346	-1.7%
10-YR SWAP RATE	8,523	5,075.05	67.9%	2,164.85	293.7%	3,827	2,154	77.7%
15-YR SWAP RATE	0	0	-	0	-	22	0	-
1-MONTH EURODOLLAR	0	29.75	-99.8%	2.3	-97.9%	2	128	-98.6%
20-YR SWAP RATE	0	0	-	0	-	0	0	-
2-YR NOTE	454,473	462,440.65	-1.7%	1,136,406.2	-60.0%	724,698	537,695	34.8%
2-YR SWAP RATE	2,296	1,313.6	74.8%	872.95	163.0%	2,241	104	2049.1%
30-YR BOND	273,836	349,220.15	-21.6%	419,165.05	-34.7%	348,395	367,706	-5.3%
30-YR SWAP RATE	0	15	-98.4%	6.7	-96.4%	26	5	417.3%
3-YR SWAP RATE	731	81.4	798.6%	125.3	483.8%	762	6	11698.7%
4-YR SWAP RATE	34	150.8	-77.6%	25.9	30.4%	371	12	3002.8%
5-YR NOTE	739,069	1,037,850.45	-28.8%	1,570,076.75	-52.9%	1,168,253	1,139,766	2.5%
5-YR SWAP RATE	3,998	5,765.85	-30.7%	2,005.5	99.4%	3,835	1,506	154.7%
7-YR SWAP RATE	102	170.2	-40.0%	113.35	-9.8%	186	14	1279.1%
EURODOLLARS	1,737,757	3,598,621.9	-51.7%	1,817,655.65	-4.4%	2,726,479	3,036,542	-10.2%
FED FUND	170,947	399,768.7	-57.2%	256,871.45	-33.5%	356,010	259,273	37.3%
SOFR	34,752	14,808.2	134.7%	48,301.7	-28.1%	36,122	4,352	730.1%
SONIA	9,361	5,614.35	66.7%	10,460.2	-10.5%	8,781	1,185	641.0%
Ultra 10-Year Note	167,381	188,300.4	-11.1%	306,925.85	-45.5%	229,793	187,898	22.3%
ULTRA T-BOND	120,210	160,153.15	-24.9%	289,927.05	-58.5%	190,368	185,051	2.9%

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Interest Rate Options								
10-YR NOTE	717,468	648,434.55	10.6%	693,288.05	3.5%	679,032	666,519	1.9%
2-YR NOTE	14,951	17,795.75	-16.0%	27,043.45	-44.7%	23,991	23,117	3.8%
30-YR BOND	135,992	138,854.25	-2.1%	166,920.45	-18.5%	147,255	140,468	4.8%
5-YR NOTE	151,337	180,744.1	-16.3%	223,186.45	-32.2%	226,370	165,265	37.0%
EURODOLLARS	727,900	695,124.2	4.7%	743,798.9	-2.1%	1,106,209	688,831	60.6%
EURO MIDCURVE	263,420	723,416.35	-63.6%	396,207.95	-33.5%	579,080	726,787	-20.3%
FED FUND	52	51.95	0.6%	48.2	8.4%	314	76	310.3%
Ultra 10-Year Note	34	0	-	339.7	-90.0%	137	1	26967.6%
ULTRA T-BOND	589	1,331	-55.8%	1,912.7	-69.2%	1,060	479	121.4%
Energy Futures								
3.5% FUEL OIL CID MED SWA	0	0.5	-100.0%	0	-	0	2	-84.4%
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	196	786.95	-75.0%	196.75	-0.2%	363	1,019	-64.4%
ARGUS PROPAN FAR EST INDE	187	153.55	22.1%	259.5	-27.8%	283	272	4.1%
ARGUS PROPAN(SAUDI ARAMCO	154	88.9	73.0%	137.35	11.9%	143	131	9.1%
AUSTRIALIAN COKE COAL	0	0	-	0	-	0	0	-100.0%
BRENT BALMO SWAP	0	0	-	0	-	8	1	587.7%
BRENT CALENDAR SWAP	181	79.4	127.9%	381.9	-52.6%	340	158	114.9%
BRENT CFD SWAP	0	0	-	0	-	0	1	-100.0%
BRENT FINANCIAL FUTURES	0	0	-	2.9	-100.0%	34	84	-59.8%
BRENT OIL LAST DAY	84,813	83,045.7	2.1%	87,079	-2.6%	101,654	86,610	17.4%
CANADIAN LIGHT SWEET OIL	0	0	-	0	-	0	0	-
CENTERPOINT BASIS SWAP	0	0	-	0	-	0	0	-100.0%
CHICAGO ETHANOL SWAP	2,896	3,950.85	-26.7%	3,778.2	-23.4%	4,636	4,498	3.1%
CHICAGO ULSD PL VS HO SPR	32	41.55	-23.8%	32.55	-2.7%	27	23	14.4%
CHICAGO UNL GAS PL VS RBO	0	6.25	-100.0%	0	-	5	4	27.4%
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	21	62.7	-66.6%	0	-	21	54	-61.0%
CIN HUB 5MW REAL TIME O P	0	0	-	0	-	16	0	-
CIN HUB 5MW REAL TIME PK	0	0	-	0	-	1	6	-78.4%
COAL SWAP	0	0	-	0	-	0	2	-100.0%
COLUMB GULF MAINLINE NG B	0	10.7	-100.0%	0	-	1	1	70.1%
CONWAY NATURAL GASOLINE (OPI	32	8.85	257.3%	11.1	184.9%	13	11	14.7%
CONWAY NORMAL BUTANE (OPIS) S	7	0	-	33.75	-77.8%	22	11	96.9%
CONWAY PROPANE 5 DECIMALS S	494	580.7	-14.9%	645.15	-23.4%	680	741	-8.2%
CRUDE OIL	12	220	-94.6%	165	-92.8%	199	274	-27.5%
CRUDE OIL OUTRIGHTS	3,693	1,759.6	109.9%	3,549	4.0%	3,092	2,583	19.7%

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Energy Futures								
CRUDE OIL PHY	920,709	1,146,161.95	-19.7%	953,638.95	-3.5%	1,157,335	1,216,816	-4.9%
CRUDE OIL SPRDS	757	763.75	-0.9%	650.5	16.3%	974	1,717	-43.2%
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	13	-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	0	-100.0%
DUBAI CRUDE OIL CALENDAR	26	588.75	-95.7%	12	113.1%	74	443	-83.3%
DUTCH TTF NATURAL GAS CAL MO	1,004	129.15	677.5%	1,260.3	-20.3%	587	82	615.9%
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	10	10.15	1.8%	1.8	474.1%	14	13	7.9%
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	78	-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	220	-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	78	-100.0%
ERCOT NORTH ZMCPE 5MW PEAK	0	0	-	0	-	0	20	-100.0%
ETHANOL	128	552.8	-76.9%	180.9	-29.3%	316	446	-29.2%
ETHANOL SWAP	24	1.5	1471.4%	3.5	573.5%	6	3	107.9%
ETHANOL T2 FOB ROTT INCL DUTY	160	117.75	35.6%	277.05	-42.4%	176	159	10.5%
EURO 1% FUEL OIL NEW BALM	0	0	-	0	-	0	0	-90.9%
EURO 3.5% FUEL OIL RDAM B	0	2.9	-100.0%	4.75	-100.0%	2	23	-90.1%
EURO 3.5% FUEL OIL SPREAD	1	1	-23.8%	0.5	52.4%	1	3	-77.0%
EURO-DENOMINATED PETRO PROD	0	0	-	0	-	0	3	-100.0%
EURO GASOIL 10PPM VS ICE	1	0	-	0	-	0	1	-94.6%
EUROPE 1% FUEL OIL NWE CA	0	1.2	-84.1%	0	-	3	2	13.7%
EUROPE 1% FUEL OIL RDAM C	0	0	-	0	-	0	0	-100.0%
EUROPE 3.5% FUEL OIL MED	1	0.5	166.7%	0.75	77.8%	2	4	-57.2%
EUROPE 3.5% FUEL OIL RDAM	21	80.35	-73.7%	57.6	-63.4%	44	312	-86.0%
EUROPEAN GASOIL (ICE)	2	8.8	-78.4%	4.2	-54.6%	5	28	-82.2%
EUROPEAN NAPHTHA BALMO	1	2.4	-70.2%	0.75	-4.8%	6	12	-52.6%
EUROPEAN NAPHTHA CRACK SPR	52	169.95	-69.5%	155.05	-66.5%	165	424	-61.0%
EUROPE DATED BRENT SWAP	0	29	-100.0%	0	-	6	21	-69.2%
EUROPE JET KERO NWE CALSW	0	0	-	0	-	0	0	-79.5%
EUROPE NAPHTHA CALSWAP	39	83.45	-53.3%	28.35	37.6%	71	158	-55.0%
EURO PROPANE CIF ARA SWA	35	47.1	-26.6%	97.05	-64.4%	86	84	2.0%
FREIGHT MARKETS	14	32.9	-56.3%	21.25	-32.3%	44	34	30.5%
FUEL OIL CRACK VS ICE	93	55.4	68.2%	102.45	-9.0%	84	153	-45.3%
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	0	-100.0%

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Energy Futures								
FUELOIL SWAP:CARGOES VS.B	2	21.2	-88.8%	2.75	-13.4%	6	10	-36.0%
GAS EURO-BOB OXY NWE BARGES	61	232.5	-73.9%	94.5	-35.7%	204	342	-40.5%
GAS EURO-BOB OXY NWE BARGES	159	403.75	-60.5%	430.3	-63.0%	356	818	-56.5%
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	109.8%
GASOIL 0.1 ROTTERDAM BARG	0	0.5	-4.8%	0	-	1	6	-90.1%
GASOIL 10PPM VS ICE SWAP	0	0.45	-100.0%	0	-	0	0	85.8%
GASOIL CALENDAR SWAP	1	0	-	6.1	-76.6%	1	0	362.1%
GASOIL CRACK SPREAD CALEN	10	59.4	-83.6%	183.6	-94.7%	43	156	-72.7%
GASOIL MINI CALENDAR SWAP	42	6	607.9%	71.65	-40.7%	25	12	109.5%
GERMAN POWER BASELOAD CAL M	131	48.1	171.6%	40.55	222.1%	106	22	390.6%
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	101	163.4	-38.0%	50.75	99.7%	153	169	-9.3%
GRP THREE UNL GS (PLT) VS	103	124.75	-17.7%	59.25	73.2%	117	103	14.0%
GULF COAST 3% FUEL OIL BA	17	22.3	-22.5%	15.2	13.7%	36	56	-34.6%
GULF COAST JET FUEL CLNDR	8	10.2	-24.4%	0	-	2	6	-73.3%
GULF COAST JET VS NYM 2 H	348	826.25	-57.8%	358	-2.7%	865	1,603	-46.0%
GULF COAST NO.6 FUEL OIL	841	1,578.75	-46.7%	796.45	5.6%	1,039	2,487	-58.2%
GULF COAST ULSD CALENDAR	11	18.85	-40.1%	4.8	135.1%	16	16	2.6%
GULF COAST ULSD CRACK SPR	0	0	-	0	-	1	7	-78.2%
HEATING OIL BALMO CLNDR S	2	0	-	0	-	2	1	149.0%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	0	-
HEATING OIL PHY	176,986	161,949.95	9.3%	198,689.3	-10.9%	172,225	183,642	-6.2%
HENRY HUB BASIS SWAP	0	0	-	248	-100.0%	84	127	-34.0%
HENRY HUB FINANCIAL LAST	0	0	-	0	-	0	110	-100.0%
HENRY HUB INDEX SWAP FUTU	0	0	-	248	-100.0%	84	127	-34.0%
HENRY HUB SWAP	9,298	5,329.8	74.4%	4,443.3	109.3%	4,981	7,761	-35.8%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-	3	0	-
HTG OIL	0	0	-	0	-	0	0	-20.0%
ICE BRENT DUBAI SWAP	91	127.5	-28.5%	393.75	-76.8%	258	424	-39.2%
IN DELIVERY MONTH EUA	0	0	-	0	-	0	5	-100.0%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	10	2	390.5%	6.25	57.0%	15	7	110.9%
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	0	-	0	-	1	8	-89.6%
JAPAN C&F NAPHTHA SWAP	12	41.45	-69.9%	10.3	21.1%	41	91	-55.1%
JAPAN NAPHTHA BALMO SWAP	1	0.45	196.3%	0	-	1	3	-43.3%
JET AV FUEL (P) CAR FM ICE GAS S	0	0	-	0	-	0	0	-100.0%
JET CIF NWE VS ICE	0	1.75	-100.0%	0	-	1	3	-61.3%
JET FUEL CRG CIF NEW VS I	0	0	-	0	-	1	0	-
JET FUEL UP-DOWN BALMO CL	107	285.25	-62.5%	88.75	20.5%	181	283	-36.0%
JKM LNG Futures	30	31	-4.0%	168.3	-82.3%	85	65	31.1%
LA CARB DIESEL (OPIS) SWA	0	9.6	-100.0%	0	-	2	13	-87.8%
LA CARBOB GASOLINE(OPIS)S	5	8	-40.5%	0	-	12	23	-47.5%
LA JET (OPIS) SWAP	43	29.75	44.1%	13.75	211.7%	55	86	-36.7%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	2	-100.0%

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	ADV DEC 2019	ADV DEC 2018	% CHG	ADV NOV 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures								
LLS (ARGUS) VS WTI SWAP	0	59.75	-100.0%	62.2	-100.0%	79	241	-67.0%
LOS ANGELES CARB GASOLINE	0	0	-	0	-	0	0	0.0%
LTD NAT GAS	11,855	19,716.1	-39.9%	14,578.8	-18.7%	14,133	18,171	-22.2%
MARS (ARGUS) VS WTI SWAP	61	1.25	4757.1%	10	507.1%	64	88	-28.1%
MARS (ARGUS) VS WTI TRD M	802	665	20.6%	655.25	22.4%	857	926	-7.5%
MARS BLEND CRUDE OIL	0	0	-	0	-	0	9	-100.0%
MCCLOSKEY ARA ARGS COAL	975	576.55	69.2%	1,526.1	-36.1%	1,419	1,088	30.4%
MCCLOSKEY RCH BAY COAL	43	48.75	-11.8%	77.2	-44.3%	103	132	-22.3%
MGF FUT	0	0	-	0	-	0	1	-96.3%
MGN1 SWAP FUT	1	5.5	-74.0%	0.5	185.7%	2	4	-41.5%
MICHIGAN BASIS	0	0	-	0	-	0	0	-
MICHIGAN MISO	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	4	5.2	-17.6%	4.2	2.0%	9	15	-44.4%
MINI RBOB V. EBOBARG NWE BRGS	0	17.9	-100.0%	0	-	16	15	4.5%
MINI RBOB V. EBOB(ARGUS) NWE B	32	41.75	-23.9%	53.6	-40.7%	84	83	0.7%
MINY HTG OIL	0	0.15	-36.5%	0.2	-52.4%	0	0	-19.1%
MINY NATURAL GAS	2,550	2,278.9	11.9%	2,905.85	-12.3%	1,742	1,718	1.4%
MINY RBOB GAS	0	0.2	-4.8%	0.3	-36.5%	0	0	55.3%
MINY WTI CRUDE OIL	14,738	30,884.55	-52.3%	17,947.55	-17.9%	21,710	18,621	16.6%
MJC FUT	0	0	-	0	-	1	6	-89.7%
MNC FUT	68	142.7	-52.2%	69.25	-1.6%	148	193	-23.1%
MONT BELVIEU ETHANE 5 DECIMAL	687	855.6	-19.7%	590.65	16.4%	745	754	-1.1%
MONT BELVIEU ETHANE OPIS BALM	17	10.5	57.4%	5.5	200.4%	7	8	-2.6%
MONT BELVIEU LDH PROPANE 5 DE	6,185	3,984.35	55.2%	6,769.3	-8.6%	6,816	5,802	17.5%
MONT BELVIEU LDH PROPANE OPIS	45	147.8	-69.6%	88.2	-49.0%	125	119	5.1%
MONT BELVIEU NATURAL GASOLIN	317	290.5	9.0%	724.3	-56.3%	418	388	7.8%
MONT BELVIEU NATURAL GASOLIN	30	28.25	5.4%	34.25	-13.1%	31	17	85.7%
MONT BELVIEU NORMAL BUTANE 5	2,484	1,359.8	82.6%	2,851.1	-12.9%	2,308	1,695	36.2%
MONT BELVIEU NORMAL BUTANE B	67	45.8	46.3%	45.8	46.3%	61	51	18.7%
NAT GAS BASIS SWAP	0	0	-	0	-	0	0	-
NATURAL GAS	5,465	4,675.3	16.9%	4,842.8	12.8%	5,398	5,706	-5.4%
NATURAL GAS PEN SWP	779	1,612.05	-51.6%	1,682.7	-53.7%	1,372	1,676	-18.2%
NATURAL GAS PHY	444,635	392,563.7	13.3%	498,025	-10.7%	410,296	453,397	-9.5%
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	-	0	-	285	592	-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	33	27.75	19.3%	69	-52.0%	40	50	-20.2%
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	-	7	19	-62.9%
NGPL TEX/OK	0	120	-100.0%	0	-	11	199	-94.6%
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	7.5	-100.0%	0	-	4	12	-70.5%
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	-	12	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-	0	0	-100.0%
NY1% VS GC SPREAD SWAP	22	73.25	-70.1%	15.25	43.6%	22	61	-64.6%
NY 3.0% FUEL OIL (PLATTS	0	5.5	-100.0%	0	-	3	8	-59.3%
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-	0	0	-50.0%
NY HARBOR HEAT OIL SWP	58	83.85	-30.8%	35.75	62.4%	96	117	-17.7%
NY HARBOR LOW SULPUR GAS 100C	0	0	-	0	-	2	14	-88.7%
NY HARBOR RESIDUAL FUEL 1	45	63.25	-28.6%	115.25	-60.8%	41	50	-18.6%
NY HARBOR RESIDUAL FUEL C	0	0	-	0	-	0	0	-100.0%
NYH NO 2 CRACK SPREAD CAL	67	3	2138.1%	7.5	795.2%	26	34	-23.7%
NYISO CAPACITY	0	9	-100.0%	0	-	3	8	-65.2%
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	176	-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	0	-	0	-	402	2,486	-83.8%
NYISO ZONE G 5MW D AH PK	0	0	-	0	-	33	84	-60.3%
NYISO ZONE J 5MW D AH O P	0	0	-	0	-	0	0	-
NYISO ZONE J 5MW D AH PK	0	0	-	0	-	0	0	-
NYMEX ALUMINUM FUTURES	0	0	-	0	-	0	0	-
NYMEX ULSD VS NYMEX HO	0	0	-	0	-	8	0	-
NY ULSD (ARGUS) VS HEATING OIL	31	0	-	0	-	14	1	1503.4%
ONEOK OKLAHOMA NG BASIS	0	0	-	0	-	7	11	-31.2%
ONTARIO POWER SWAPS	0	0	-	0	-	0	0	1149.4%
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	101	117	-13.3%	184.35	-45.0%	151	207	-26.9%
PETRO CRCKS & SPRDS ASIA	0	19.5	-100.0%	0	-	2	5	-71.3%
PETRO CRCKS & SPRDS NA	1,014	1,608.15	-36.9%	1,358.7	-25.3%	1,661	1,958	-15.2%
PETRO CRK&SPRD EURO	46	130.75	-64.7%	56.8	-18.7%	138	387	-64.5%
PETROLEUM PRODUCTS	48	140.6	-66.0%	383.05	-87.5%	131	237	-44.9%
PETROLEUM PRODUCTS ASIA	14	70	-80.3%	5	176.2%	57	93	-38.8%
PETRO OUTRIGHT EURO	229	194.45	17.6%	198.9	15.0%	197	213	-7.3%
PETRO OUTRIGHT NA	94	185.45	-49.2%	171.65	-45.1%	250	355	-29.7%
PJM AD HUB 5MW REAL TIME	0	414	-100.0%	0	-	475	347	37.0%
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	42	-100.0%	0	-	293	52	461.8%
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	0	-	0	-	0	12	-100.0%
PJM PSEG DA OFF-PEAK	0	0	-	0	-	0	313	-100.0%
PJM PSEG DA PEAK	0	0	-	0	-	0	17	-100.0%
PJM WESTH DA OFF-PEAK	0	0	-	0	-	0	404	-100.0%
PJM WESTHDA PEAK	0	0	-	0	-	0	22	-100.0%
PJM WESTH RT OFF-PEAK	0	1,002	-100.0%	0	-	187	1,558	-88.0%
PJM WESTH RT PEAK	294	143	105.4%	0	-	237	253	-6.3%
PLASTICS	18	26.85	-32.6%	36.8	-50.8%	33	22	49.8%
PREMIUM UNLND 10P FOB MED	0	16	-100.0%	1.05	-100.0%	3	13	-72.8%
PREMIUM UNLEAD 10PPM FOB	0	0	-	0	-	1	2	-68.6%
PREM UNL GAS 10PPM RDAM FOB B	0	0	-	0	-	0	0	-75.9%
PREM UNL GAS 10PPM RDAM FOB S	0	2	-100.0%	0	-	0	1	-90.4%
PROPANE NON-LDH MB (OPIS) BAL	41	90.85	-55.2%	38.65	5.3%	65	28	132.4%
PROPANE NON-LDH MT. BEL (OPIS)	913	583.3	56.5%	1,542.45	-40.8%	953	599	59.3%
RBOB CALENDAR SWAP	208	160.05	29.8%	311.35	-33.3%	269	259	3.7%
RBOB CRACK SPREAD	27	3.75	623.8%	103	-73.6%	56	38	46.3%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-	0	0	-
RBOB GAS	0	0	-	0	-	0	57	-99.4%
RBOB GASOLINE BALMO CLNDR	33	25.45	29.7%	79.35	-58.4%	44	46	-5.0%
RBOB PHY	163,706	170,235.05	-3.8%	179,285.2	-8.7%	197,825	196,881	0.5%
RBOB SPREAD (PLATTS) SWAP	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	0	0	-	0	-	1	8	-92.4%
SAN JUAN BASIS SWAP	0	0	-	0	-	0	0	-100.0%
SAN JUAN PIPE SWAP	0	0	-	0	-	0	1	-100.0%
SINGAPORE 180CST BALMO	0	0.8	-100.0%	0	-	1	2	-53.9%
SINGAPORE 380CST BALMO	0	8	-97.0%	5.8	-95.9%	4	10	-61.8%
SINGAPORE 380CST FUEL OIL	29	193.15	-84.8%	106.7	-72.5%	122	380	-68.0%
SINGAPORE FUEL 180CST CAL	4	10.05	-61.6%	5.15	-25.1%	10	34	-71.1%
SINGAPORE FUEL OIL SPREAD	4	3.75	14.3%	2.45	74.9%	3	25	-87.6%
SINGAPORE GASOIL	82	284.55	-71.3%	208.1	-60.8%	251	260	-3.4%
SINGAPORE GASOIL CALENDAR	64	14	356.8%	15.65	308.6%	15	24	-38.3%
SINGAPORE GASOIL SWAP	71	104.25	-31.8%	64.65	10.0%	48	196	-75.6%
SINGAPORE GASOIL VS ICE	4	66.25	-94.6%	4.5	-20.6%	19	516	-96.3%
SINGAPORE JET KERO BALMO	0	0	-	0	-	0	1	-76.7%
SINGAPORE JET KERO GASOIL	0	26.25	-100.0%	0	-	0	140	-99.7%
SINGAPORE JET KEROSENE SW	67	8.75	669.5%	24.5	174.8%	31	53	-41.2%
SINGAPORE JET KERO VS. GASOIL	0	0	-	0	-	0	2	-100.0%
SINGAPORE MOGAS 92 UNLEADED	0	14.8	-100.0%	0	-	6	24	-75.3%
SINGAPORE MOGAS 92 UNLEADED	325	506.3	-35.7%	298.6	9.0%	401	643	-37.6%
SINGAPORE NAPHTHA SWAP	0	0	-	0	-	0	1	-100.0%
SING FUEL	0	0	-	1.25	-100.0%	0	0	-70.0%
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	0	0	-	1.25	-81.0%	10	4	133.9%
TC5 RAS TANURA TO YOKOHAM	9	24	-61.3%	0.75	1138.1%	14	7	116.9%

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Energy Futures								
TCO BASIS SWAP	0	42.8	-100.0%	0	-	0	3	-100.0%
TD3 MEG TO JAPAN 250K MT	115	156.25	-26.6%	141.8	-19.1%	243	82	196.0%
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	1	-100.0%	0	-	0	0	-75.0%
UK NBP NAT GAS CAL MTH FUT	53	48.5	8.6%	14.75	257.1%	30	196	-84.9%
ULSD 10PPM CIF MED VS ICE	0	0	-	0	-	0	0	-100.0%
ULSD UP-DOWN BALMO SWP	456	180	153.3%	247.5	84.2%	281	269	4.7%
UP DOWN GC ULSD VS NMX HO	1,379	1,038.6	32.8%	1,960.55	-29.7%	1,624	1,522	6.7%
WAHA BASIS	0	12.5	-100.0%	0	-	3	14	-81.2%
WESTERN RAIL DELIVERY PRB	0	0	-	0	-	0	0	-100.0%
WTI-BRENT BULLET SWAP	12	0	-	0	-	9	26	-66.9%
WTI-BRENT CALENDAR SWAP	1,510	671.95	124.7%	1,738.25	-13.1%	1,702	1,377	23.6%
WTI CALENDAR	2,395	1,289.75	85.7%	3,003.8	-20.3%	2,035	1,585	28.4%
WTS (ARGUS) VS WTI SWAP	303	128.7	135.8%	72	321.5%	208	362	-42.5%
WTS (ARGUS) VS WTI TRD MT	0	6	-100.0%	5.75	-100.0%	29	25	14.6%

Energy Options

BRENT 1 MONTH CAL	0	0	-	0	-	0	12	-100.0%
BRENT CALENDAR SWAP	9	150	-94.1%	45	-80.3%	19	65	-70.3%
BRENT CRUDE OIL 12 M CSO	0	0	-	0	-	0	8	-100.0%
BRENT CRUDE OIL 1 M CSO	5	600	-99.2%	0	-	142	1,679	-91.5%
BRENT CRUDE OIL 6 M CSO	0	0	-	0	-	0	4	-100.0%
BRENT OIL LAST DAY	3,326	8,176.7	-59.3%	4,557.7	-27.0%	5,798	9,673	-40.1%
COAL API2 INDEX	0	2.5	-100.0%	0	-	4	41	-89.7%
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	5,050	8,975	-43.7%	5,457.5	-7.5%	9,765	9,566	2.1%
CRUDE OIL APO	4,720	2,397.45	96.9%	5,267.4	-10.4%	2,538	2,122	19.6%
CRUDE OIL CALNDR STRIP	10	0	-	0	-	2	1	135.3%
CRUDE OIL OUTRIGHTS	0	0	-	0	-	4	33	-88.6%
CRUDE OIL PHY	101,229	165,600.5	-38.9%	100,965.85	0.3%	127,709	180,538	-29.3%
ETHANOL	0	0	-	0	-	0	2	-100.0%
ETHANOL SWAP	261	205.85	27.0%	327	-20.1%	487	294	66.0%
FREIGHT MARKETS	0	0	-	0	-	7	0	-
HEATING OIL PHY	585	1,921.45	-69.6%	1,104.05	-47.1%	1,265	1,546	-18.2%
HENRY HUB FINANCIAL LAST	292	224.75	30.0%	79.95	265.6%	281	208	35.0%
HO 1 MONTH CLNDR OPTIONS	0	0	-	20	-100.0%	10	10	-1.9%
LLS CRUDE OIL	0	0	-	0	-	0	0	-100.0%
MCCLOSKEY ARA ARGS COAL	4	0	-	15	-76.2%	2	1	91.4%
MCCLOSKEY RCH BAY COAL	0	0	-	1.25	-100.0%	4	9	-47.6%

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	ADV DEC 2019	ADV DEC 2018	% CHG	ADV NOV 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Options								
NATURAL GAS 1 M CSO FIN	13,505	3,926.95	243.9%	8,057.6	67.6%	4,755	2,265	109.9%
NATURAL GAS 2 M CSO FIN	481	0	-	741.25	-35.1%	124	6	2078.3%
NATURAL GAS 3 M CSO FIN	1,119	0	-	145	671.8%	1,000	176	469.4%
NATURAL GAS 5 M CSO FIN	14	0	-	67.5	-78.8%	25	10	151.0%
NATURAL GAS 6 M CSO FIN	1,398	317.5	340.2%	2,132.5	-34.5%	540	408	32.3%
NATURAL GAS OPTION ON CALEND	114	149	-23.3%	161	-29.0%	125	148	-15.7%
NATURAL GAS PHY	92,775	93,702.85	-1.0%	108,651.05	-14.6%	82,779	100,947	-18.0%
NATURAL GAS WINTER STRIP	0	0	-	0	-	6	11	-44.4%
N ROCKIES PIPE SWAP	0	0	-	0	-	17	14	22.4%
NY HARBOR HEAT OIL SWP	60	184	-67.1%	13.5	348.0%	111	142	-22.1%
NYISO ZONE G 5MW PEAK OPTIONS	0	0	-	0	-	0	0	-
PANHANDLE PIPE SWAP	0	0	-	0	-	0	0	-
PETROCHEMICALS	0	0	-	1.35	-100.0%	23	45	-49.9%
PETRO OUTRIGHT EURO	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	6	12	-52.4%	6	-4.8%	3	3	-16.7%
PJM WES HUB PEAK CAL MTH	10	3	217.5%	7.5	27.0%	5	7	-31.0%
PJM WES HUB PEAK LMP 50MW	0	0	-	0	-	3	30	-88.8%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-	1	3	-78.6%
RBOB CALENDAR SWAP	3	11.25	-74.6%	0	-	3	5	-52.9%
RBOB CRACK	0	0	-	0	-	0	0	-100.0%
RBOB PHY	220	440.4	-49.9%	373	-40.9%	616	576	7.0%
ROTTERDAM 3.5%FUEL OIL CL	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	0	0	-	0	-	15	9	80.5%
SHORT TERM	26	0	-	27.55	-4.9%	21	38	-44.5%
SHORT TERM NATURAL GAS	56	40	39.9%	62.7	-10.8%	58	102	-43.2%
SINGAPORE GASOIL CALENDAR	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALEND	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	896	879.25	2.0%	1,610	-44.3%	2,319	3,398	-31.8%
WTI CRUDE OIL 1 M CSO FI	1,416	1,345	5.3%	1,480	-4.3%	2,366	3,547	-33.3%

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	ADV DEC 2019	ADV DEC 2018	% CHG	ADV NOV 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Metals Futures								
ALUMINUM	704	318.95	120.6%	1,365.2	-48.5%	673	619	8.7%
COMEX COPPER	79,320	70,306.85	12.8%	105,832.8	-25.1%	95,273	129,802	-26.6%
COMEX E-Mini GOLD	747	232.55	221.0%	1,140.55	-34.5%	958	383	150.3%
COMEX E-Mini SILVER	96	42.35	127.2%	124.2	-22.5%	197	53	269.8%
COMEX GOLD	256,867	206,600.45	24.3%	446,370.9	-42.5%	343,289	318,657	7.7%
COMEX MINY COPPER	15	13.1	16.3%	24.85	-38.7%	30	21	43.4%
COMEX SILVER	73,463	65,031	13.0%	116,714.4	-37.1%	95,830	95,187	0.7%
COPPER	59	51.55	14.9%	29.1	103.6%	44	69	-35.4%
FERROUS PRODUCTS	17	60	-71.7%	57.9	-70.7%	49	80	-38.3%
GOLD	351	0	-	984.05	-64.3%	170	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	75	79.05	-5.7%	95.95	-22.3%	215	175	22.7%
LNDN ZINC	0	29.1	-100.0%	0	-	5	56	-91.2%
MICRO GOLD	24,425	7,773.1	214.2%	34,602.15	-29.4%	22,650	7,147	216.9%
NYMEX HOT ROLLED STEEL	433	360.25	20.2%	519.8	-16.7%	690	474	45.3%
NYMEX PLATINUM	28,009	24,908.25	12.5%	19,983.5	40.2%	23,263	21,682	7.3%
PALLADIUM	3,955	3,744.4	5.6%	6,563.75	-39.7%	5,027	5,689	-11.6%
SILVER	1,322	536.5	146.4%	2,726.8	-51.5%	1,406	399	252.6%
URANIUM	1	35.7	-97.3%	0	-	42	28	48.3%
Metals Options								
COMEX COPPER	2,555	1,276.85	100.1%	2,849.75	-10.4%	2,797	1,396	100.4%
COMEX GOLD	40,822	48,545.25	-15.9%	47,536	-14.1%	59,698	46,632	28.0%
COMEX SILVER	7,613	5,736.85	32.7%	8,034.9	-5.2%	8,763	7,330	19.5%
COPPER	17	1.7	908.4%	46	-62.7%	16	3	513.6%
GOLD	7,148	2,978.45	140.0%	7,711.45	-7.3%	6,628	2,113	213.7%
HOT ROLLED COIL STEEL CALL OPT	0	0	-	0	-	4	1	250.0%
HOT ROLLED COIL STEEL PUT OPTI	0	0	-	7.5	-100.0%	1	0	-
IRON ORE 62 CHINA TSI CALL OPTIC	0	0	-	0	-	27	1	3314.8%
IRON ORE 62 CHINA TSI PUT OPTIO	1	0	-	0	-	14	5	183.6%
NYMEX PLATINUM	198	127.65	54.9%	103.7	90.7%	164	180	-8.7%
PALLADIUM	30	42.25	-28.0%	65.4	-53.5%	57	117	-51.5%
SILVER	701	155.7	350.2%	452.45	54.9%	349	108	223.0%
Foreign Exchange Futures								
CHILEAN PESO	0	0	-	0	-	2	96	-98.3%
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS - WK	45	130.75	-65.9%	7.95	460.6%	39	50	-21.4%

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	ADV DEC 2019	ADV DEC 2018	% CHG	ADV NOV 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Ags Futures								
FERTILIZER PRODUCS	100	40	151.2%	90.25	11.3%	98	54	80.8%

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	ADV DEC 2019	ADV DEC 2018	% CHG	ADV NOV 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Ag Products Futures								
BUTTER CS	252	224.4	12.5%	221.2	14.1%	211	209	1.2%
CASH-SETTLED CHEESE	607	751.45	-19.2%	567.05	7.1%	531	541	-2.0%
CATTLE	45,979	56,056.15	-18.0%	74,415	-38.2%	66,345	65,239	1.7%
CAT WEATHER EUROPEAN	0	0	-	0	-	13	0	-
CDD SEASONAL STRIP	0	0	-	0	-	2	2	-25.0%
CDD WEATHER	0	0	-	0	-	36	9	317.4%
CHI WHEAT	84,017	74,345.65	13.0%	130,729.2	-35.7%	120,663	146,052	-17.4%
CLASS IV MILK	101	118.75	-14.5%	56.1	80.9%	113	43	162.6%
COCOA TAS	0	0	-	0	-	0	0	60.1%
COFFEE	0	0	-	0.1	-100.0%	0	0	-
CORN	179,733	216,382.65	-16.9%	415,134.4	-56.7%	409,480	386,457	6.0%
COTTON	0	0.05	-4.8%	0	-	0	0	77.3%
DJ_UBS ROLL SELECT INDEX FUTU	128	194.2	-33.9%	0	-	53	82	-35.1%
DOW-UBS COMMOD INDEX	2,550	5,258.85	-51.5%	426.1	498.4%	2,093	3,772	-44.5%
DRY WHEY	63	74.5	-15.4%	68.2	-7.6%	60	67	-10.9%
FEEDER CATTLE	11,610	11,578.6	0.3%	11,716.55	-0.9%	14,320	14,004	2.3%
FERTILIZER PRODUCTS	1	124.75	-98.9%	9	-84.1%	60	109	-44.4%
GOLDMAN SACHS	971	1,596.3	-39.2%	1,238.7	-21.6%	1,301	1,502	-13.4%
GSCI EXCESS RETURN FUT	3,123	5,918.1	-47.2%	16.25	19117.6%	1,505	1,873	-19.7%
HDD EURO SEASONAL STRIP	0	0	-	12.5	-100.0%	1	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-100.0%
HDD WEATHER	145	15	868.3%	380	-61.8%	60	57	5.2%
HDD WEATHER EUROPEAN	0	0	-	187.5	-100.0%	39	95	-59.4%
HOGS	42,207	37,665.1	12.1%	61,749.55	-31.6%	61,991	53,777	15.3%
HOUSING INDEX	0	0.65	-56.0%	0.7	-59.2%	1	0	31.0%
Intercommodity Spread	0	0	-	0	-	0	0	-
KC WHEAT	44,136	31,319.85	40.9%	78,438.85	-43.7%	61,332	60,879	0.7%
LUMBER	565	577.05	-2.0%	627.7	-9.9%	646	859	-24.9%
MALAYSIAN PALM SWAP	120	343	-65.0%	208	-42.3%	200	204	-2.1%
MILK	1,604	1,430.85	12.1%	1,568.85	2.2%	1,333	1,199	11.1%
MINI CORN	471	308.15	52.9%	692.9	-32.0%	684	472	45.0%
MINI SOYBEAN	1,119	1,034.05	8.2%	683.65	63.7%	904	1,086	-16.8%
MINI WHEAT	230	152.6	50.8%	269.95	-14.7%	350	349	0.3%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	304	180.75	68.3%	290.05	4.9%	300	236	27.1%
OATS	455	359.75	26.4%	995.05	-54.3%	645	686	-6.0%
ROUGH RICE	1,485	1,123.95	32.1%	612.65	142.4%	1,027	918	11.9%
SOYBEAN	237,827	213,232.15	11.5%	170,824.2	39.2%	211,640	232,296	-8.9%
SOYBEAN MEAL	142,780	105,286.2	35.6%	150,462.3	-5.1%	116,680	126,345	-7.6%
SOYBEAN OIL	153,007	122,781.95	24.6%	162,135.7	-5.6%	125,773	124,071	1.4%
S&P GSCI ENHANCED ER SWAP	358	376.2	-4.8%	0	-	149	164	-9.5%
SUGAR 11	0	0	-	0	-	0	0	-82.8%
USD CRUDE PALM OIL	162	34	377.5%	124	30.9%	69	34	98.9%
WHEAT	511	587	-13.0%	539.35	-5.3%	719	713	0.7%

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Ag Products Options								
BUTTER CS	86	244	-64.7%	119.95	-28.2%	143	195	-26.7%
CASH-SETTLED CHEESE	510	777.8	-34.5%	352.75	44.5%	452	500	-9.6%
CATTLE	6,703	7,287.6	-8.0%	11,064.35	-39.4%	9,577	10,482	-8.6%
CAT WEATHER EUROPEAN	0	0	-	0	-	8	0	-
CDD SEASONAL STRIP	0	0	-	0	-	20	3	614.3%
CHI WHEAT	23,969	25,911.3	-7.5%	18,645.6	28.5%	29,153	37,316	-21.9%
CLASS IV MILK	114	144.35	-21.1%	67.7	68.2%	159	62	159.3%
CORN	50,668	56,166.1	-9.8%	73,904.7	-31.4%	124,284	101,357	22.6%
CORN NEARBY+2 CAL SPRD	88	494.25	-82.2%	346.8	-74.6%	330	162	103.8%
DEC-DEC CORN CAL SPRD	0	0	-	17.85	-100.0%	75	82	-9.5%
DEC-JULY CORN CAL SPRD	0	0	-	330.35	-100.0%	114	77	47.5%
DEC-JULY WHEAT CAL SPRD	0	0	-	2.55	-100.0%	0	7	-94.2%
DRY WHEY	8	20.95	-63.2%	7.3	5.7%	32	28	16.1%
FEEDER CATTLE	824	1,016.4	-18.9%	1,045	-21.1%	1,357	1,344	0.9%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	2	-100.0%
HDD SEASONAL STRIP	0	0	-	0	-	0	36	-100.0%
HDD WEATHER	0	0	-	0	-	0	1	-100.0%
HOGS	11,771	7,897	49.1%	13,181.15	-10.7%	16,628	10,991	51.3%
HOUSING INDEX	0	0	-	0	-	0	0	-
Intercommodity Spread	347	0	-	260.25	33.5%	54	45	18.8%
JULY-DEC CORN CAL SPRD	120	26	361.5%	400	-70.0%	124	46	167.6%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-	0	5	-100.0%
JULY-DEC WHEAT CAL SPRD	33	0	-	0	-	9	10	-16.0%
JULY-NOV SOYBEAN CAL SPRD	152	23.7	540.3%	1.9	7887.5%	60	236	-74.7%
KC WHEAT	5,538	3,614.55	53.2%	3,730.1	48.5%	4,454	4,005	11.2%
LUMBER	50	103.5	-51.3%	76.8	-34.4%	80	86	-6.8%
LV CATL CSO	2	1.25	52.4%	1	90.5%	2	1	72.7%
MAR-DEC CORN CAL SPRD	18	0	-	0	-	2	0	-
MAR-JULY CORN CAL SPRD	0	0	-	200	-100.0%	16	0	-
MAR-JULY WHEAT CAL SPRD	0	87.5	-100.0%	0	-	0	8	-98.5%
MILK	1,749	2,030.7	-13.9%	1,799.3	-2.8%	1,808	1,699	6.4%
MLK MID OPTIONS	1	1.25	-42.9%	0.2	257.1%	1	2	-49.6%
NFD MILK	140	193.2	-27.5%	185.75	-24.6%	273	240	13.6%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	14	0	352082.5%
NOV-MAR SOYBEAN CSO	0	0	-	0	-	0	1	-84.6%
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-	11	0	2296.4%
OATS	1	19.6	-94.4%	9.9	-88.9%	19	27	-31.3%
ROUGH RICE	47	47.4	-0.1%	133.2	-64.5%	134	73	85.3%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-	0	5	-100.0%
SOYBEAN	52,614	53,628.2	-1.9%	42,939.5	22.5%	53,602	75,520	-29.0%
SOYBEAN CRUSH	1	0	-	6.35	-79.0%	1	1	80.5%
SOYBEAN MEAL	9,068	4,927.65	84.0%	9,381.45	-3.3%	7,888	12,641	-37.6%
SOYBEAN OIL	10,772	4,786.6	125.0%	8,023.9	34.3%	6,349	5,656	12.2%
SOYBN NEARBY+2 CAL SPRD	43	0	-	1.25	3328.6%	25	0	64122.2%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-	2	33	-94.2%
WHEAT	489	5	9682.9%	338	44.7%	267	28	848.3%
WHEAT-CORN IC SO	0	0	-	0	-	11	23	-50.2%
WHEAT NEARBY+2 CAL SPRD	18	8	123.2%	0	-	12	56	-78.0%

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TOTAL FUTURES GROUP								
Interest Rate Futures	5,077,146	7,829,456.75	-35.2%	8,005,276.6	-36.6%	7,585,210	7,539,743	0.6%
Equity Index Futures	2,930,279	4,140,489.2	-29.2%	2,190,573.95	33.8%	2,810,382	2,757,617	1.9%
Metals Futures	469,858	380,123.15	23.6%	737,135.9	-36.3%	589,810	580,521	1.6%
Energy Futures	1,869,979	2,051,432	-8.8%	2,004,666.85	-6.7%	2,131,631	2,243,479	-5.0%
FX Futures	979,138	965,977.2	1.4%	650,461.8	50.5%	810,783	930,325	-12.8%
Foreign Exchange Futures	0	0	-	0	-	2	96	-98.3%
Ags Futures	100	40	151.2%	90.25	11.3%	98	54	80.8%
Ag Products Futures	956,623	889,432.65	7.6%	1,265,401.3	-24.4%	1,201,327	1,224,403	-1.9%
TOTAL FUTURES	12,283,123	16,256,950.95	-24.4%	14,853,606.65	-17.3%	15,129,243.15	15,276,237.83	-1.0%
TOTAL OPTIONS GROUP								
Interest Rate Options	2,011,742	2,405,752.15	-16.4%	2,252,745.85	-10.7%	2,763,449	2,411,543	14.6%
Equity Index Options	665,262	974,032.1	-31.7%	543,003.3	22.5%	643,968	823,564	-21.8%
Metals Options	59,086	58,864.7	0.4%	66,807.15	-11.6%	78,518	57,886	35.6%
Energy Options	227,589	289,265.4	-21.3%	241,378.2	-5.7%	242,952	317,701	-23.5%
FX Options	43,054	59,990.5	-28.2%	37,815.55	13.9%	51,126	73,758	-30.7%
Ag Products Options	175,945	169,463.85	3.8%	186,574.9	-5.7%	257,552	263,093	-2.1%
Foreign Exchange Options	45	130.75	-65.9%	7.95	460.6%	39	50	-21.4%
TOTAL OPTIONS	3,182,722	3,957,499.45	-19.6%	3,328,332.9	-4.4%	4,037,603.56	3,947,593.96	2.3%
TOTAL COMBINED								
FX	1,022,192	1,025,967.7	-0.4%	688,277.35	48.5%	861,909	1,004,083	-14.2%
Equity Index	3,595,540	5,114,521.3	-29.7%	2,733,577.25	31.5%	3,454,350	3,581,180	-3.5%
Interest Rate	7,088,888	10,235,208.9	-30.7%	10,258,022.45	-30.9%	10,348,659	9,951,285	4.0%
Energy	2,097,568	2,340,697.4	-10.4%	2,246,045.05	-6.6%	2,374,583	2,561,181	-7.3%
Metals	528,944	438,987.85	20.5%	803,943.05	-34.2%	668,327	638,407	4.7%
Foreign Exchange	45	130.75	-65.9%	7.95	460.6%	41	146	-72.0%
Ags	100	40	151.2%	90.25	11.3%	98	54	80.8%
Ag Products	1,132,568	1,058,896.5	7.0%	1,451,976.2	-22.0%	1,458,879	1,487,496	-1.9%
GRAND TOTAL	15,465,846	20,214,450.4	-23.5%	18,181,939.55	-14.9%	19,166,846.7	19,223,831.79	-0.3%

*** 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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