

CME Group Exchange ADV Report - Monthly

November 2020

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	ADV NOV 2020	ADV NOV 2019	% CHG	ADV OCT 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
FX Futures								
AD/CD CROSS RATES	0	4.05	-92.6%	0	-	1	1	-5.8%
AD/JY CROSS RATES	96	49	96.8%	77.18	25.0%	122	132	-7.9%
AD/NE CROSS RATES	7	10	-29.5%	6.14	14.9%	14	10	38.1%
AUSTRALIAN DOLLAR	98,129	88,001.9	11.5%	87,869.27	11.7%	102,048	99,079	3.0%
BP/JY CROSS RATES	92	62.75	46.5%	93.91	-2.1%	155	146	6.7%
BP/SF CROSS RATES	11	13.7	-17.2%	5.73	98.2%	19	19	-1.6%
BRAZIL REAL	11,785	13,756.4	-14.3%	8,928.82	32.0%	10,511	8,484	23.9%
BRITISH POUND	94,689	86,551.8	9.4%	109,563.64	-13.6%	106,780	118,175	-9.6%
CANADIAN DOLLAR	68,917	67,373.95	2.3%	69,431.09	-0.7%	76,066	78,227	-2.8%
CD/JY CROSS RATES	1	0.45	11.1%	1.05	-52.2%	3	1	327.1%
CHINESE RENMINBI (CNH)	1,908	1,305.1	46.2%	1,359.14	40.4%	1,047	1,339	-21.8%
CZECK KORUNA (EC)	0	0	-	0	-	0	0	-13.3%
CZECK KORUNA (US)	0	0	-	0	-	0	0	-
EC/AD CROSS RATES	125	181.95	-31.1%	145.82	-14.0%	307	235	30.4%
EC/CD CROSS RATES	88	46.05	90.8%	87.14	0.8%	200	146	37.4%
EC/NOK CROSS RATES	4	17.95	-80.2%	0.36	876.3%	9	30	-71.9%
EC/SEK CROSS RATES	21	16.2	28.1%	10.18	103.8%	29	36	-18.9%
EFX/BP CROSS RATES	1,752	2,595.15	-32.5%	1,368.09	28.0%	3,052	4,574	-33.3%
EFX/JY CROSS RATES	1,403	2,132	-34.2%	1,058.27	32.5%	2,662	3,342	-20.4%
EFX/SF CROSS RATES	624	1,112.85	-44.0%	669.95	-6.9%	1,673	1,670	0.2%
E-MINI EURO FX	7,120	2,525.05	182.0%	5,689.73	25.1%	7,355	4,351	69.0%
E-MINI JAPANESE YEN	726	903.5	-19.6%	292.64	148.1%	969	829	16.9%
EURO FX	167,980	148,804.1	12.9%	169,377.23	-0.8%	214,495	202,443	6.0%
HUNGARIAN FORINT (EC)	0	0	-	0	-	0	0	-
HUNGARIAN FORINT (US)	0	0.2	125.0%	0.14	229.9%	1	0	472.5%
INDIAN RUPEE	1,159	1,359	-14.7%	924.86	25.3%	1,284	3,103	-58.6%
JAPANESE YEN	103,410	115,167.2	-10.2%	80,097.41	29.1%	114,061	127,732	-10.7%
KOREAN WON	56	10.35	443.0%	52.23	7.6%	46	37	24.3%
MEXICAN PESO	60,366	47,111.65	28.1%	52,351.68	15.3%	57,598	59,112	-2.6%
MICRO AUD/USD	12,892	3,742.55	244.5%	9,126.64	41.3%	11,725	4,875	140.5%
MICRO CAD/USD	1,866	627.1	197.5%	1,241.23	50.3%	1,419	800	77.4%
MICRO CHF/USD	530	246.25	115.3%	258.14	105.4%	225	155	44.9%
MICRO EUR/USD	26,049	6,900.75	277.5%	20,864.82	24.8%	23,515	10,758	118.6%
MICRO GBP/USD	4,338	2,884.9	50.4%	4,262.41	1.8%	3,378	2,539	33.0%
MICRO INR/USD	95	161.55	-41.1%	87.14	9.2%	103	228	-54.6%
MICRO JPY/USD	1,403	786.9	78.2%	1,010.73	38.8%	1,384	1,310	5.6%
NEW ZEALND DOLLAR	26,962	25,590	5.4%	21,028.64	28.2%	29,429	27,166	8.3%
NKR/USD CROSS RATE	231	211.1	9.4%	95.32	142.3%	256	255	0.4%
POLISH ZLOTY (EC)	0	0	-	0.45	-34.0%	3	2	17.9%
POLISH ZLOTY (US)	23	13.65	69.2%	35.05	-34.1%	40	7	433.8%
RMB USD	0	0.05	-100.0%	0	-	0	0	-44.6%
RUSSIAN RUBLE	5,150	1,291.55	298.8%	3,654.82	40.9%	5,397	3,844	40.4%
S.AFRICAN RAND	2,691	2,080.2	29.4%	2,297	17.2%	3,658	2,613	40.0%
SF/JY CROSS RATES	1	0.5	70.0%	0.18	367.5%	1	0	731.6%
SHEKEL	0	0.35	-85.7%	0.36	-86.2%	1	0	569.9%
SKR/USD CROSS RATES	252	158.15	59.2%	279.09	-9.8%	253	169	49.7%
SWISS FRANC	21,840	26,643	-18.0%	18,557.73	17.7%	27,216	27,451	-0.9%
TURKISH LIRA	59	10.95	437.0%	2.05	2774.6%	40	52	-22.9%
USDZAR	0	0	-	0	-	0	0	-100.0%

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FX Options								
AUD/USD MONDAY OPTION WEEK1	2	0	-	6.32	-64.4%	15	0	-
AUD/USD MONDAY OPTION WEEK2	0	0	-	0.5	-100.0%	7	0	-
AUD/USD MONDAY OPTION WEEK3	20	0	-	9.73	105.6%	13	0	-
AUD/USD MONDAY OPTION WEEK4	0	0	-	28.5	-100.0%	10	0	-
AUD/USD MONDAY OPTION WEEK5	4	0	-	0	-	3	0	-
AUD/USD MONTHLY OPTIONS	2,694	2,663.6	1.1%	2,158.23	24.8%	3,381	3,286	2.9%
AUD/USD WKLY FRIDAY OPTIONS -	0	14.65	-100.0%	8.41	-100.0%	24	94	-74.2%
AUD/USD WKLY FRIDAY OPTIONS -	137	168.1	-18.3%	31.05	342.6%	181	273	-33.6%
AUD/USD WKLY FRIDAY OPTIONS -	159	172.1	-7.8%	76.23	108.1%	168	301	-44.0%
AUD/USD WKLY FRIDAY OPTIONS -	179	242.35	-26.2%	97.5	83.4%	189	315	-40.1%
AUD/USD WKLY FRIDAY OPTIONS -	0	165.4	-100.0%	185.59	-100.0%	76	86	-11.2%
AUD/USD WKLY WED OPTIONS - WK	44	73.3	-40.2%	65.77	-33.4%	61	81	-24.2%
AUD/USD WKLY WED OPTIONS - WK	166	70.95	134.0%	20.95	692.2%	71	81	-11.5%
AUD/USD WKLY WED OPTIONS - WK	25	35.45	-30.6%	26.73	-8.0%	38	38	-0.7%
AUD/USD WKLY WED OPTIONS - WK	89	103.4	-13.7%	66.18	34.9%	66	66	-0.1%
AUD/USD WKLY WED OPTIONS - WK	0	0	-	0	-	26	22	15.5%
BRL/USD MONTHLY OPTIONS	0	54.65	-99.3%	0.09	340.0%	3	8	-62.4%
CAD/USD MONDAY OPTIONS WEEK1	1	0	-	32.27	-98.5%	14	0	-
CAD/USD MONDAY OPTIONS WEEK2	19	0	-	17.68	4.6%	10	0	-
CAD/USD MONDAY OPTIONS WEEK3	31	0	-	118.18	-74.0%	38	0	-
CAD/USD MONDAY OPTIONS WEEK4	0	0	-	28.64	-100.0%	23	0	-
CAD/USD MONDAY OPTIONS WEEK5	18	0	-	0	-	15	0	-
CAD/USD MONTHLY OPTIONS	1,730	2,604.1	-33.6%	1,433.23	20.7%	2,208	2,513	-12.1%
CAD/USD WKLY FRIDAY OPTIONS -	0	35.1	-100.0%	43.45	-100.0%	54	157	-65.7%
CAD/USD WKLY FRIDAY OPTIONS -	140	233.05	-39.9%	53.14	163.8%	291	306	-5.1%
CAD/USD WKLY FRIDAY OPTIONS -	268	320.65	-16.5%	322.23	-16.9%	306	440	-30.5%
CAD/USD WKLY FRIDAY OPTIONS -	228	550.25	-58.5%	422.59	-46.0%	336	494	-32.0%
CAD/USD WKLY FRIDAY OPTIONS -	0	593	-100.0%	224	-100.0%	137	157	-12.9%
CAD/USD WKLY WED OPTIONS - WK	72	228.2	-68.3%	102	-29.1%	104	147	-29.1%
CAD/USD WKLY WED OPTIONS - WK	18	191.25	-90.6%	74.36	-75.7%	78	161	-51.7%
CAD/USD WKLY WED OPTIONS - WK	75	193.45	-61.4%	96.27	-22.4%	88	151	-41.8%
CAD/USD WKLY WED OPTIONS - WK	43	224.4	-81.0%	144.95	-70.6%	112	137	-18.7%
CAD/USD WKLY WED OPTIONS - WK	0	0	-	0	-	35	45	-21.6%
CHF/USD MONTHLY OPTIONS	215	333.5	-35.4%	271.18	-20.6%	174	143	21.6%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	1	1	-25.3%
CHF/USD WKLY FRIDAY OPTIONS -	24	20.25	19.8%	11.5	110.9%	10	12	-18.8%
CHF/USD WKLY FRIDAY OPTIONS -	13	3.45	266.7%	0.59	2040.8%	6	8	-29.4%
CHF/USD WKLY FRIDAY OPTIONS -	0	3.1	-93.5%	0.59	-66.2%	6	7	-5.8%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	41.73	-100.0%	8	3	197.6%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	0	0	-100.0%
EUR/USD MONDAY OPTION WEEK1	63	0	-	232.68	-73.0%	81	0	-
EUR/USD MONDAY OPTION WEEK2	126	0	-	79.64	57.9%	69	0	-
EUR/USD MONDAY OPTION WEEK3	30	0	-	17.32	72.9%	86	0	-
EUR/USD MONDAY OPTION WEEK4	18	0	-	64.18	-72.7%	91	0	-
EUR/USD MONDAY OPTION WEEK5	130	0	-	0	-	42	0	-
EUR/USD MONTHLY OPTIONS	10,855	10,325.05	5.1%	8,901.45	21.9%	13,035	16,713	-22.0%
EUR/USD WKLY FRIDAY OPTIONS -	8	90.3	-91.5%	73.73	-89.6%	127	500	-74.6%

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FX Options								
EUR/USD WKLY FRIDAY OPTIONS -	1,060	355.7	198.1%	134.36	689.2%	885	1,186	-25.4%
EUR/USD WKLY FRIDAY OPTIONS -	575	720.15	-20.1%	640	-10.1%	947	1,399	-32.3%
EUR/USD WKLY FRIDAY OPTIONS -	818	899.7	-9.1%	848.77	-3.6%	1,031	1,595	-35.4%
EUR/USD WKLY FRIDAY OPTIONS -	0	920.35	-100.0%	716.91	-100.0%	347	438	-20.9%
EUR/USD WKLY WED OPTIONS - WK	365	593.05	-38.5%	601.91	-39.4%	470	610	-23.0%
EUR/USD WKLY WED OPTIONS - WK	344	440.8	-22.1%	224.41	53.1%	380	594	-36.1%
EUR/USD WKLY WED OPTIONS - WK	256	404.95	-36.8%	327.73	-21.9%	371	601	-38.2%
EUR/USD WKLY WED OPTIONS - WK	302	473.9	-36.4%	384.95	-21.7%	369	667	-44.7%
EUR/USD WKLY WED OPTIONS - WK	0	0	-	0	-	148	178	-16.9%
GBP/USD MONDAY OPTION WEEK1	2	0	-	87.95	-97.8%	31	0	-
GBP/USD MONDAY OPTION WEEK2	93	0	-	46.95	98.5%	26	0	-
GBP/USD MONDAY OPTION WEEK3	166	0	-	68.09	144.4%	40	0	-
GBP/USD MONDAY OPTION WEEK4	143	0	-	118.95	19.8%	52	0	-
GBP/USD MONDAY OPTION WEEK5	19	0	-	0	-	8	0	-
GBP/USD MONTHLY OPTIONS	4,866	3,755.2	29.6%	5,338.55	-8.9%	4,383	5,936	-26.2%
GBP/USD WKLY FRIDAY OPTIONS -	0	0.35	-100.0%	110.41	-100.0%	45	142	-68.1%
GBP/USD WKLY FRIDAY OPTIONS -	146	123.35	18.6%	89.59	63.2%	167	307	-45.7%
GBP/USD WKLY FRIDAY OPTIONS -	190	79.5	138.6%	253.18	-25.1%	190	430	-55.9%
GBP/USD WKLY FRIDAY OPTIONS -	117	169.25	-31.0%	184.95	-36.8%	163	408	-60.1%
GBP/USD WKLY FRIDAY OPTIONS -	0	177.55	-100.0%	156.45	-100.0%	72	137	-47.5%
GBP/USD WKLY WED OPTIONS - WK	123	37.9	224.1%	95.82	28.2%	83	112	-25.9%
GBP/USD WKLY WED OPTIONS - WK	144	178.25	-19.2%	24.41	489.9%	54	137	-60.3%
GBP/USD WKLY WED OPTIONS - WK	137	28.8	374.0%	16.27	738.8%	81	122	-33.5%
GBP/USD WKLY WED OPTIONS - WK	29	10.4	182.2%	37.64	-22.0%	63	107	-41.0%
GBP/USD WKLY WED OPTIONS - WK	0	0	-	0	-	31	41	-23.6%
JPY/USD MONDAY OPTION WEEK1	0	0	-	58.86	-100.0%	39	0	-
JPY/USD MONDAY OPTION WEEK2	95	0	-	26.55	258.8%	62	0	-
JPY/USD MONDAY OPTION WEEK3	59	0	-	9.27	537.3%	38	0	-
JPY/USD MONDAY OPTION WEEK4	6	0	-	142.5	-95.8%	36	0	-
JPY/USD MONDAY OPTION WEEK5	14	0	-	0	-	13	0	-
JPY/USD MONTHLY OPTIONS	3,895	5,835.05	-33.3%	3,834.18	1.6%	5,586	6,664	-16.2%
JPY/USD WKLY FRIDAY OPTIONS -	0	23.25	-100.0%	13.73	-100.0%	76	248	-69.3%
JPY/USD WKLY FRIDAY OPTIONS -	563	415.75	35.4%	41.5	1256.4%	523	461	13.4%
JPY/USD WKLY FRIDAY OPTIONS -	365	498.8	-26.9%	358.18	1.8%	563	673	-16.4%
JPY/USD WKLY FRIDAY OPTIONS -	317	410.4	-22.9%	504.45	-37.2%	541	642	-15.7%
JPY/USD WKLY FRIDAY OPTIONS -	0	552.65	-100.0%	458.91	-100.0%	211	256	-17.8%
JPY/USD WKLY WED OPTIONS - WK	110	207.15	-47.1%	239.09	-54.2%	232	222	4.9%
JPY/USD WKLY WED OPTIONS - WK	186	180.75	2.7%	71.45	159.8%	189	204	-7.2%
JPY/USD WKLY WED OPTIONS - WK	187	241.05	-22.3%	131.68	42.2%	218	211	3.0%
JPY/USD WKLY WED OPTIONS - WK	170	178.85	-5.1%	105.09	61.5%	226	213	6.2%
JPY/USD WKLY WED OPTIONS - WK	0	0	-	0	-	59	49	20.5%
MXN/USD MONTHLY OPTIONS	103	69.1	48.4%	47.18	117.4%	83	71	17.1%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	19	5	267.8%
MXN/USD WKLY FRIDAY OPTIONS -	52	0	-	0	-	12	2	428.0%
MXN/USD WKLY FRIDAY OPTIONS -	0	12.35	-100.0%	12.55	-100.0%	9	6	61.0%
MXN/USD WKLY FRIDAY OPTIONS -	24	10.05	140.3%	14.82	63.0%	14	2	496.0%
MXN/USD WKLY FRIDAY OPTIONS -	0	1.4	-100.0%	0	-	1	0	443.0%
NZD/USD MONTHLY OPTIONS	7	64.25	-89.6%	8.05	-16.7%	21	33	-35.8%

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NZD/USD WKLY FRIDAY OPTIONS -	0	2.5	-100.0%	0	-	0	1	-70.6%
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	1	-100.0%
NZD/USD WKLY FRIDAY OPTIONS -	0	30	-100.0%	0	-	2	3	-50.0%
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-100.0%
RUB/USD MONTHLY OPTIONS	19	0	-	4.45	324.3%	2	0	-

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Equity Index Futures								
BITCOIN FUTURES	11,433	5,251.6	117.7%	7,381.95	54.9%	8,553	6,468	32.2%
DJ US REAL ESTATE	2,151	1,671.95	28.6%	1,436.5	49.7%	3,384	2,310	46.5%
E-mini (\$5) Dow	184,077	135,658.55	35.7%	211,634.45	-13.0%	242,213	202,531	19.6%
E-MINI COM SERVICES SELECT SEC	94	382.3	-75.5%	58.18	61.3%	228	312	-26.8%
E-mini FTSE 100 (USD)	0	0	-	0	-	0	1	-100.0%
E-mini FTSE China 50	0	0	-	0	-	0	3	-99.7%
E-MINI MIDCAP	12,607	10,744.55	17.3%	13,035.77	-3.3%	17,505	15,594	12.3%
E-MINI NASDAQ 100	517,455	336,716.35	53.7%	600,679.36	-13.9%	591,904	462,668	27.9%
E-MINI RUSSELL 1000	128	154.75	-17.3%	42.95	198.1%	385	402	-4.4%
E-MINI RUSSELL 1000 GROWTH	170	130.65	29.9%	104.14	63.0%	237	254	-6.6%
E-MINI RUSSELL 1000 VALUE	422	594.1	-29.0%	333.77	26.3%	494	672	-26.5%
E-MINI RUSSELL 2000	173,312	110,778.65	56.4%	173,388.05	0.0%	204,410	144,017	41.9%
E-MINI S&P500	1,557,494	1,152,955.5	35.1%	1,637,514.55	-4.9%	2,026,545	1,558,508	30.0%
E-MINI S&P REAL ESTATE SELECT S	147	526.75	-72.1%	127.09	15.8%	407	316	28.8%
FT-SE 100	0	0	-	0	-	0	2	-97.9%
FTSE Emerging	2	90.7	-98.3%	9	-83.3%	21	100	-79.4%
IBOVESPA INDEX	7	35.1	-79.6%	11.09	-35.5%	19	33	-41.7%
MICRO E-MINI NASDAQ 100	1,004,898	155,712.45	545.4%	880,707.05	14.1%	702,405	123,735	467.7%
MICRO E-MINI RUSSELL 2000	85,957	24,177.15	255.5%	77,598.14	10.8%	93,895	19,265	387.4%
MICRO E-MINI S&P500	1,027,468	174,599	488.5%	993,358.32	3.4%	911,214	167,742	443.2%
MICRO MINI \$5 DOW	146,101	31,880.35	358.3%	105,017.23	39.1%	129,282	30,793	319.8%
NASDAQ BIOTECH	16	12.95	25.5%	7.59	114.1%	26	18	42.3%
Nearby BTIC+	0	0.5	-100.0%	0	-	5	0	3361.4%
NIKKEI 225 (\$) STOCK	7,632	7,025	8.6%	4,781.91	59.6%	9,200	10,296	-10.6%
NIKKEI 225 (YEN) STOCK	40,778	31,302.75	30.3%	29,219.95	39.6%	45,933	38,637	18.9%
S&P 500	2,910	2,636.7	10.4%	2,839.27	2.5%	6,251	4,735	32.0%
S&P 500 ANNUAL DIVIDEND INDEX F	2,039	1,890.85	7.8%	2,064.45	-1.2%	2,831	1,297	118.3%
S&P 500/GI	0	0	-	0	-	0	0	-100.0%
S&P 500 QUARLY DIVIDEND INDEX F	192	9.75	1866.2%	11.41	1580.2%	58	11	431.9%
S&P 600 SMALLCAP EMINI	0	26.55	-100.0%	0	-	15	15	0.5%
S&P CONSUMER DSCRTNRY SECTC	539	247.5	117.7%	407.32	32.3%	452	403	12.2%
S&P CONSUMER STAPLES SECTOR	755	564.55	33.7%	562.86	34.1%	1,130	913	23.8%
S&P ENERGY SECTOR	2,723	531.95	411.8%	1,457.91	86.7%	1,561	838	86.3%
S&P FINANCIAL SECTOR	2,252	1,048.65	114.7%	855.36	163.2%	1,332	1,531	-13.0%
S&P HEALTH CARE SECTOR	782	419.2	86.5%	604.05	29.5%	828	921	-10.1%
S&P INDUSTRIAL SECTOR	1,365	382.95	256.4%	557.09	145.0%	841	604	39.2%
S&P MATERIALS SECTOR	573	249.8	129.4%	270.27	112.0%	437	483	-9.4%
S&P TECHNOLOGY SECTOR	538	343	56.9%	578.5	-7.0%	739	699	5.8%
S&P UTILITIES SECTOR	851	1,021	-16.7%	932.09	-8.7%	1,212	1,454	-16.6%
S&P VALUE INDEX FUTURES	0	0	-	0	-	0	0	-100.0%
YEN DENOMINATED TOPIX	289	799.85	-63.8%	265.36	9.0%	330	899	-63.3%

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Equity Index Options								
BITCOIN FUTURES	133	0	-	180.18	-26.0%	147	0	-
E-mini (\$5) Dow	95	104.45	-8.9%	52.36	81.7%	138	192	-28.6%
E-MINI NASDAQ 100	15,509	5,972	159.7%	15,256.55	1.7%	16,306	9,605	69.8%
E-MINI RUSSELL 2000	1,883	1,216.55	54.7%	695.23	170.8%	925	774	19.5%
E-MINI S&P500	265,749	244,854.8	8.5%	260,405.23	2.1%	341,169	259,604	31.4%
EOM E-MINI RUSSELL 2000 END OF	390	395.5	-1.3%	553.73	-29.5%	420	414	1.6%
EOM EMINI S&P	62,136	74,576.25	-16.7%	101,976.86	-39.1%	94,711	91,209	3.8%
EOM S&P 500	1,105	5,992.4	-81.6%	2,536.91	-56.4%	2,743	5,571	-50.8%
EOW1 E-MINI RUSSELL 2000 WEEKL	171	143.45	19.3%	103.86	64.7%	207	165	25.8%
EOW1 EMINI S&P 500	51,555	25,071.85	105.6%	43,479.14	18.6%	50,349	46,219	8.9%
EOW1 S&P 500	3,007	3,483.85	-13.7%	1,883.32	59.7%	2,174	3,499	-37.9%
EOW2 E-MINI RUSSELL 2000 WEEKL	285	163.95	74.0%	1,383.09	-79.4%	314	235	33.5%
EOW2 EMINI S&P 500	50,307	34,528.9	45.7%	48,495.68	3.7%	51,657	47,503	8.7%
EOW2 S&P 500	2,974	6,650.4	-55.3%	3,286.73	-9.5%	3,729	6,181	-39.7%
EOW3 E-MINI RUSSELL 2000 WEEKL	774	687.6	12.5%	710.18	8.9%	825	718	14.9%
EOW3 EMINI S&P 500	87,761	80,304.4	9.3%	123,822.32	-29.1%	113,206	111,993	1.1%
EOW3 S&P 500	2,948	4,281.8	-31.2%	4,265.14	-30.9%	3,359	5,921	-43.3%
EOW4 E-MINI RUSSELL 2000 WEEKL	200	137.4	45.9%	225.32	-11.0%	175	155	13.4%
EOW4 EMINI S&P 500	25,813	43,605.15	-40.8%	43,044.36	-40.0%	41,912	41,111	1.9%
EOW4 S&P 500	730	0	-	1,059.64	-31.1%	332	0	-
MICRO E-MINI NASDAQ 100	48	0	-	30	59.3%	19	0	-
MICRO E-MINI S&P500	934	0	-	548.18	70.4%	278	0	-
S&P 500	4,908	10,832.6	-54.7%	4,098.23	19.8%	6,416	10,964	-41.5%
Interest Rate Futures								
10-YR NOTE	2,072,349	2,144,169.85	-3.3%	1,266,195.59	63.7%	1,653,290	1,824,254	-9.4%
10-YR SWAP RATE	1,778	2,164.85	-17.9%	2,206.73	-19.4%	4,234	3,400	24.5%
15-YR SWAP RATE	0	0	-	0	-	0	24	-100.0%
1-MONTH EURODOLLAR	0	2.3	-100.0%	0	-	4	2	83.6%
20-YR SWAP RATE	0	0	-	0	-	0	0	-100.0%
2-YR NOTE	588,852	1,136,406.2	-48.2%	200,051.36	194.4%	538,121	749,264	-28.2%
2-YR SWAP RATE	3,283	872.95	276.1%	369.45	788.6%	1,158	2,236	-48.2%
30-YR BOND	573,493	419,165.05	36.8%	349,006.32	64.3%	384,445	355,173	8.2%
30-YR SWAP RATE	0	6.7	-100.0%	0	-	6	29	-80.2%
3-YR NOTE	6,883	0	-	4,168	65.1%	2,236	0	-
3-YR SWAP RATE	45	125.3	-64.4%	128.27	-65.2%	185	765	-75.9%
4-YR SWAP RATE	27	25.9	2.3%	50.73	-47.8%	72	402	-82.0%
5-YR NOTE	1,313,278	1,570,076.75	-16.4%	613,689.73	114.0%	999,748	1,207,270	-17.2%
5-YR SWAP RATE	2,049	2,005.5	2.1%	1,617.23	26.7%	2,672	3,820	-30.1%
7-YR SWAP RATE	251	113.35	121.7%	142.18	76.8%	105	194	-46.0%
EURODOLLARS	1,972,610	1,817,655.65	8.5%	1,219,323.36	61.8%	2,073,678	2,816,362	-26.4%
FED FUND	65,730	256,871.45	-74.4%	55,724.5	18.0%	220,295	372,834	-40.9%
SOFR	86,710	48,301.7	79.5%	56,045.73	54.7%	49,274	36,247	35.9%
SONIA	10,097	10,460.2	-3.5%	8,976.64	12.5%	8,119	8,728	-7.0%
Ultra 10-Year Note	392,497	306,925.85	27.9%	202,997.73	93.4%	261,616	235,467	11.1%
ULTRA T-BOND	314,952	289,927.05	8.6%	151,432.05	108.0%	214,620	196,746	9.1%

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Interest Rate Options								
10-YR NOTE	507,611	693,288.05	-26.8%	473,428.68	7.2%	517,660	675,538	-23.4%
2-YR NOTE	964	27,043.45	-96.4%	1,436.45	-32.9%	8,836	24,813	-64.4%
30-YR BOND	162,720	166,920.45	-2.5%	142,557.5	14.1%	126,355	148,279	-14.8%
5-YR NOTE	74,122	223,186.45	-66.8%	44,656.55	66.0%	128,437	233,192	-44.9%
EURODOLLARS	243,357	743,798.9	-67.3%	150,877.91	61.3%	783,838	1,140,600	-31.3%
EURO MIDCURVE	356,310	396,207.95	-10.1%	302,685.36	17.7%	337,202	607,777	-44.5%
FED FUND	0	48.2	-99.9%	0	-	47	337	-86.0%
SOFR	100	0	-	4.55	2102.2%	14	0	-
Ultra 10-Year Note	0	339.7	-100.0%	0	-	69	147	-52.8%
ULTRA T-BOND	31	1,912.7	-98.4%	16.27	90.8%	63	1,103	-94.3%
Energy Futures								
3.5% FUEL OIL CID MED SWA	0	0	-	0	-	0	0	-79.4%
3.5% FUEL OIL CIF BALMO S	0	0	-	0	-	0	0	-100.0%
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
ANR OKLAHOMA	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	690	196.75	250.4%	319.09	116.1%	306	378	-18.9%
ARGUS PROPAN FAR EST INDE	247	259.5	-4.9%	278.41	-11.4%	248	292	-15.0%
ARGUS PROPAN(SAUDI ARAMCO	111	137.35	-19.0%	126.23	-11.8%	109	142	-22.9%
AUSTRALIAN COKE COAL	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	5	0	-	0	-	7	8	-23.2%
BRENT CALENDAR SWAP	108	381.9	-71.7%	455.18	-76.3%	330	354	-6.7%
BRENT FINANCIAL FUTURES	0	2.9	-100.0%	0	-	11	37	-69.0%
BRENT OIL LAST DAY	91,058	87,079	4.6%	75,393.14	20.8%	105,942	103,185	2.7%
CENTERPOINT BASIS SWAP	0	0	-	0	-	0	0	-
CHICAGO ETHANOL SWAP	3,252	3,778.2	-13.9%	3,053	6.5%	3,531	4,794	-26.3%
CHICAGO ULSD PL VS HO SPR	5	32.55	-84.6%	2.27	120.0%	31	26	18.8%
CHICAGO UNL GAS PL VS RBO	41	0	-	0	-	9	6	54.4%
CIG BASIS	0	0	-	0	-	0	0	-
CINERGY HUB OFF-PEAK MONT	0	0	-	0	-	0	0	-
CINERGY HUB PEAK MONTH	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH PK	0	0	-	0	-	6	21	-72.4%
CIN HUB 5MW REAL TIME O P	0	0	-	0	-	0	17	-100.0%
CIN HUB 5MW REAL TIME PK	0	0	-	0	-	0	1	-100.0%
COAL SWAP	0	0	-	0	-	0	0	-
COLUMB GULF MAINLINE NG B	0	0	-	0	-	0	2	-100.0%
CONWAY NATURAL GASOLINE (OPI	1	11.1	-91.0%	4.82	-79.2%	12	11	4.5%
CONWAY NORMAL BUTANE (OPIS) S	17	33.75	-48.7%	20.77	-16.7%	19	23	-18.8%
CONWAY PROPANE 5 DECIMALS S	399	645.15	-38.1%	586.95	-32.0%	752	697	8.0%
CRUDE OIL	500	165	203.0%	454.55	10.0%	155	216	-28.3%
CRUDE OIL LAST DAY	12	0	-	0	-	4	0	-
CRUDE OIL OUTRIGHTS	2,376	3,549	-33.0%	2,815.91	-15.6%	3,753	3,037	23.6%
CRUDE OIL PHY	884,115	953,638.95	-7.3%	775,643.09	14.0%	1,120,289	1,178,847	-5.0%
CRUDE OIL SPRDS	1,028	650.5	58.1%	910.64	12.9%	1,218	994	22.5%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-

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Energy Futures								
DAILY PJM	0	0	-	0	-	0	0	-
DATED BRENT (PLATTS) DAILY SWA	0	0	-	0	-	3	0	-
DATED TO FRONTLINE BRENT	0	0	-	0	-	1	4	-75.6%
DOMINION TRAN INC - APP I	0	0	-	0	-	0	0	-
DOMINION TRANSMISSION INC	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL BALMO	0	0	-	0	-	1	0	-
DUBAI CRUDE OIL CALENDAR	0	12	-100.0%	0	-	46	78	-41.0%
DUTCH TTF NATURAL GAS CAL MO	1,382	1,260.3	9.6%	1,782.27	-22.5%	1,595	549	190.5%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-	0	0	-100.0%
EIA FLAT TAX ONHWAY DIESE	9	1.8	400.0%	89.32	-89.9%	41	15	175.4%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ELEC MISO PEAK	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-	0	0	-
ETHANOL	12	180.9	-93.1%	8.73	42.7%	55	333	-83.4%
ETHANOL SWAP	37	3.5	942.9%	3.64	903.7%	9	4	125.8%
ETHANOL T2 FOB ROTT INCL DUTY	252	277.05	-9.1%	205.05	22.9%	201	178	13.0%
EURO 1% FUEL OIL NEW BALM	0	0	-	0	-	0	0	-100.0%
EURO 3.5% FUEL OIL RDAM B	0	4.75	-100.0%	0	-	0	2	-88.5%
EURO 3.5% FUEL OIL SPREAD	0	0.5	-100.0%	0	-	0	1	-87.9%
EURO GASOIL 10PPM VS ICE	0	0	-	0	-	0	0	-
EUROPE 1% FUEL OIL NWE CA	0	0	-	0	-	0	3	-100.0%
EUROPE 1% FUEL OIL RDAM C	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL MED	0	0.75	-100.0%	0	-	0	2	-90.7%
EUROPE 3.5% FUEL OIL RDAM	0	57.6	-100.0%	0.55	-100.0%	10	46	-77.6%
EUROPEAN GASOIL (ICE)	2	4.2	-61.9%	0	-	1	5	-72.4%
EUROPEAN NAPHTHA BALMO	0	0.75	-80.0%	0	-	0	6	-94.1%
EUROPEAN NAPHTHA CRACK SPR	36	155.05	-77.0%	46.41	-23.3%	60	176	-65.7%
EUROPE DATED BRENT SWAP	0	0	-	0	-	0	7	-95.7%
EUROPE JET KERO NWE CALSW	0	0	-	0	-	0	0	-100.0%
EUROPE NAPHTHA CALSWAP	20	28.35	-29.1%	22.18	-9.4%	23	74	-68.4%
EURO PROPANE CIF ARA SWA	57	97.05	-41.3%	58.36	-2.3%	76	91	-15.7%
FREIGHT MARKETS	17	21.25	-22.4%	50.91	-67.6%	33	47	-29.7%
FUEL OIL CRACK VS ICE	3	102.45	-96.9%	3.18	0.6%	11	83	-86.2%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	0	0	-100.0%
FUEL OIL (PLATS) CAR CM	0	0	-	0	-	0	0	-100.0%
FUEL OIL (PLATS) CAR CN	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	0	2.75	-100.0%	0	-	0	7	-96.8%
GAS EURO-BOB OXY NWE BARGES	15	94.5	-84.1%	32.36	-53.7%	63	217	-71.1%
GAS EURO-BOB OXY NWE BARGES	90	430.3	-79.1%	126.95	-29.1%	256	374	-31.6%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-	0	0	-100.0%
GASOIL 0.1 RDAM BRGS VS I	1	0	-	0	-	0	0	-19.0%
GASOIL 0.1 ROTTERDAM BARG	0	0	-	0.68	-63.3%	0	1	-24.5%
GASOIL 10PPM VS ICE SWAP	0	0	-	0	-	0	0	-100.0%
GASOIL CALENDAR SWAP	1	6.1	-81.1%	1.05	10.0%	1	1	13.4%
GASOIL CRACK SPREAD CALEN	0	183.6	-100.0%	0.95	-100.0%	54	46	18.1%
GASOIL MINI CALENDAR SWAP	9	71.65	-87.1%	21.14	-56.2%	25	23	10.1%
GERMAN POWER BASELOAD CAL M	6	40.55	-85.9%	0	-	44	104	-58.0%

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Energy Futures								
GROUP THREE ULSD (PLATTS)	0	0	-	0	-	0	0	-
GROUP THREE UNLEAD GAS (P	0	0	-	0	-	0	1	-100.0%
GRP THREE ULSD(PLT)VS HEA	104	50.75	104.4%	87.82	18.1%	162	158	2.7%
GRP THREE UNL GS (PLT) VS	70	59.25	18.6%	93.64	-25.0%	119	118	1.0%
GULF COAST 3% FUEL OIL BA	0	15.2	-100.0%	17.05	-100.0%	13	38	-66.7%
GULF COAST JET FUEL CLNDR	0	0	-	0	-	14	1	1080.9%
GULF COAST JET VS NYM 2 H	567	358	58.3%	685.41	-17.3%	817	912	-10.4%
GULF COAST NO.6 FUEL OIL	257	796.45	-67.7%	228.27	12.8%	511	1,057	-51.6%
GULF COAST ULSD CALENDAR	4	4.8	-20.8%	87	-95.6%	42	17	156.9%
GULF COAST ULSD CRACK SPR	0	0	-	0	-	6	2	291.7%
HEATING OIL BALMO CLNDR S	5	0	-	4.55	10.0%	7	2	168.5%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	0	-100.0%
HEATING OIL PHY	171,020	198,689.3	-13.9%	168,847.23	1.3%	177,607	171,793	3.4%
HENRY HUB BASIS SWAP	0	248	-100.0%	0	-	29	92	-68.4%
HENRY HUB FINANCIAL LAST	0	0	-	0	-	0	0	-
HENRY HUB INDEX SWAP FUTU	0	248	-100.0%	0	-	36	92	-60.4%
HENRY HUB SWAP	796	4,443.3	-82.1%	2,391.55	-66.7%	3,122	4,589	-32.0%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-	0	3	-100.0%
HTG OIL	0	0	-	0	-	0	0	12.5%
ICE BRENT DUBAI SWAP	42	393.75	-89.5%	19.55	112.3%	146	273	-46.6%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	1	6.25	-84.0%	9.09	-89.0%	8	15	-44.6%
JAPAN C&F NAPHTHA CRACK S	0	0	-	0	-	1	1	-23.5%
JAPAN C&F NAPHTHA SWAP	0	10.3	-95.6%	1.5	-70.0%	7	44	-83.3%
JAPAN NAPHTHA BALMO SWAP	0	0	-	0	-	0	1	-90.1%
JET AV FUEL (P) CAR FM ICE GAS S	0	0	-	0	-	0	0	-
JET CIF NWE VS ICE	0	0	-	0	-	0	1	-100.0%
JET FUEL CRG CIF NEW VS I	0	0	-	0	-	0	1	-100.0%
JET FUEL UP-DOWN BALMO CL	47	88.75	-47.0%	49.77	-5.6%	80	188	-57.5%
JKM LNG Futures	2	168.3	-99.0%	256.82	-99.3%	83	90	-7.1%
LA CARB DIESEL (OPIS) SWA	0	0	-	0	-	11	2	529.3%
LA CARBOB GASOLINE(OPIS)S	3	0	-	0	-	3	12	-76.5%
LA JET (OPIS) SWAP	23	13.75	63.6%	10.23	120.0%	26	56	-52.5%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	27	62.2	-56.6%	10.91	147.5%	34	87	-60.5%
LOS ANGELES CARB GASOLINE	0	0	-	0	-	0	0	49.9%
LTD NAT GAS	14,808	14,578.8	1.6%	18,633.14	-20.5%	12,874	14,341	-10.2%
MARS (ARGUS) VS WTI SWAP	0	10	-100.0%	5.45	-100.0%	11	64	-82.4%
MARS (ARGUS) VS WTI TRD M	592	655.25	-9.7%	439.36	34.6%	730	862	-15.3%
MARS BLEND CRUDE OIL	0	0	-	0	-	0	0	-
MCCLOSKEY ARA ARGS COAL	1,249	1,526.1	-18.2%	1,066.95	17.0%	1,003	1,459	-31.3%
MCCLOSKEY RCH BAY COAL	43	77.2	-44.9%	22.45	89.3%	45	108	-58.0%
MGF FUT	0	0	-	0	-	0	0	-100.0%
MGN1 SWAP FUT	0	0.5	-100.0%	0.91	-100.0%	1	2	-47.1%
MICHIGAN BASIS	0	0	-	0	-	0	0	-
MICHIGAN MISO	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	2	4.2	-53.6%	15.18	-87.2%	3	9	-62.6%
MINI RBOB V. EBOBARG NWE BRGS	0	0	-	0	-	7	17	-56.8%

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Energy Futures								
MINI RBOB V. EBOB(ARGUS) NWE B	15	53.6	-71.5%	37.91	-59.8%	32	88	-63.5%
MINY HTG OIL	0	0.2	-25.0%	0.36	-58.7%	0	0	52.8%
MINY NATURAL GAS	7,581	2,905.85	160.9%	9,434.82	-19.6%	6,123	1,669	266.9%
MINY RBOB GAS	0	0.3	33.3%	0.45	-12.0%	0	0	13.1%
MINY WTI CRUDE OIL	15,014	17,947.55	-16.3%	13,954.14	7.6%	28,379	22,344	27.0%
MJC FUT	0	0	-	0	-	0	1	-100.0%
MNC FUT	14	69.25	-80.0%	16.36	-15.4%	49	156	-68.8%
MONT BELVIEU ETHANE 5 DECIMAL	977	590.65	65.5%	1,671.95	-41.5%	1,232	750	64.2%
MONT BELVIEU ETHANE OPIS BALM	3	5.5	-39.1%	32.27	-89.6%	15	7	134.7%
MONT BELVIEU LDH PROPANE 5 DE	6,481	6,769.3	-4.3%	7,727.68	-16.1%	8,006	6,873	16.5%
MONT BELVIEU LDH PROPANE OPIS	41	88.2	-53.1%	172.36	-76.0%	104	132	-21.4%
MONT BELVIEU NATURAL GASOLIN	818	724.3	12.9%	533	53.4%	1,360	427	218.2%
MONT BELVIEU NATURAL GASOLIN	32	34.25	-7.3%	15.91	99.6%	43	31	38.3%
MONT BELVIEU NORMAL BUTANE 5	3,412	2,851.1	19.7%	3,070.95	11.1%	3,226	2,292	40.7%
MONT BELVIEU NORMAL BUTANE B	65	45.8	41.4%	86.23	-24.9%	65	60	7.3%
NAT GAS BASIS SWAP	0	0	-	0	-	0	0	-
NATURAL GAS	6,582	4,842.8	35.9%	7,495.41	-12.2%	7,454	5,392	38.3%
NATURAL GAS PEN SWP	2,531	1,682.7	50.4%	6,014.27	-57.9%	3,012	1,426	111.2%
NATURAL GAS PHY	424,233	498,025	-14.8%	423,331.45	0.2%	482,012	407,174	18.4%
NEPOOL INTR HUB 5MW D AH	0	0	-	0	-	64	311	-79.4%
NEPOOL NE MASS 5MW D AH O	0	0	-	0	-	0	0	-
NEPOOL NE MASS 5MW D AH P	0	0	-	0	-	0	0	-
NEW ENGLAND HUB PEAK DAIL	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	1	69	-98.2%	6.14	-79.6%	30	40	-26.8%
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	0	-	0	-	0	8	-100.0%
NGPL TEX/OK	0	0	-	0	-	0	12	-100.0%
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	0	0	-	0	-	1	4	-75.7%
NORTHEN NATURAL GAS DEMAR	0	0	-	0	-	0	0	-
NORTHEN NATURAL GAS VENTU	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	0	0	-	0	-	0	13	-100.0%
N ROCKIES PIPE SWAP	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	3	15.25	-83.6%	0	-	11	22	-47.5%
NY 3.0% FUEL OIL (PLATTS	0	0	-	0	-	0	3	-100.0%
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-	0	0	-100.0%
NY HARBOR HEAT OIL SWP	139	35.75	288.0%	73.5	88.7%	150	100	50.9%
NY HARBOR LOW SULPUR GAS 100C	0	0	-	0	-	0	2	-100.0%
NY HARBOR RESIDUAL FUEL 1	6	115.25	-95.2%	8.86	-37.9%	32	41	-20.5%
NY HARBOR RESIDUAL FUEL C	0	0	-	0	-	0	0	-
NYH NO 2 CRACK SPREAD CAL	79	7.5	950.0%	0	-	40	22	80.7%
NYISO CAPACITY	0	0	-	0	-	0	3	-100.0%
NYISO ZONE A 5MW D AH O P	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH PK	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	0	0	-	0	-	0	439	-100.0%
NYISO ZONE G 5MW D AH PK	0	0	-	0	-	0	36	-100.0%
NYISO ZONE J 5MW D AH O P	0	0	-	0	-	0	0	-

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Energy Futures								
NYISO ZONE J 5MW D AH PK	0	0	-	0	-	0	0	-
NYMEX ALUMINUM FUTURES	0	0	-	0	-	0	0	-
NYMEX ULSD VS NYMEX HO	0	0	-	0	-	3	9	-65.0%
NY ULSD (ARGUS) VS HEATING OIL	14	0	-	0.59	2269.3%	22	12	87.3%
ONEOK OKLAHOMA NG BASIS	0	0	-	0	-	0	8	-100.0%
ONTARIO POWER SWAPS	0	0	-	0	-	0	1	-100.0%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-	0	0	-
PERMIAN BASIS SWAP	0	0	-	0	-	0	0	-
PETROCHEMICALS	100	184.35	-45.9%	114.64	-13.0%	151	156	-2.7%
PETRO CRCKS & SPRDS ASIA	0	0	-	3.41	-100.0%	2	2	-1.8%
PETRO CRCKS & SPRDS NA	857	1,358.7	-36.9%	967.77	-11.5%	1,389	1,719	-19.2%
PETRO CRK&SPRD EURO	16	56.8	-71.1%	17.32	-5.3%	37	146	-74.3%
PETROLEUM PRODUCTS	20	383.05	-94.9%	34.5	-43.3%	59	138	-57.2%
PETROLEUM PRODUCTS ASIA	1	5	-80.0%	4.55	-78.0%	31	61	-49.6%
PETRO OUTRIGHT EURO	313	198.9	57.4%	224.14	39.7%	260	195	33.5%
PETRO OUTRIGHT NA	79	171.65	-53.9%	123.95	-36.2%	128	264	-51.5%
PJM AD HUB 5MW REAL TIME	0	0	-	0	-	0	518	-100.0%
PJM BGE DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM BGE DA PEAK	0	0	-	0	-	0	0	-
PJM COMED 5MW D AH O PK	0	0	-	0	-	0	0	-
PJM COMED 5MW D AH PK	0	0	-	0	-	0	0	-
PJM DAILY	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM DAYTON DA PEAK	0	0	-	0	-	0	0	-
PJM MONTHLY	0	0	-	0	-	0	0	-
PJM NI HUB 5MW REAL TIME	0	0	-	0	-	0	320	-100.0%
PJM NILL DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM NILL DA PEAK	0	0	-	0	-	0	0	-
PJM OFF-PEAK LMP SWAP FUT	0	0	-	0	-	0	0	-
PJM PECO ZONE5MW PEAK CAL MO	0	0	-	0	-	0	0	-
PJM PSEG DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM PSEG DA PEAK	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM WESTHDA PEAK	0	0	-	0	-	0	0	-
PJM WESTH RT OFF-PEAK	0	0	-	0	-	0	204	-100.0%
PJM WESTH RT PEAK	0	0	-	0	-	68	232	-70.5%
PLASTICS	47	36.8	28.8%	36.09	31.3%	52	34	49.9%
PREMIUM UNLD 10P FOB MED	0	1.05	-100.0%	0	-	1	4	-81.6%
PREMIUM UNLEAD 10PPM FOB	0	0	-	0	-	0	1	-100.0%
PREM UNL GAS 10PPM RDAM FOB B	0	0	-	0	-	0	0	-100.0%
PREM UNL GAS 10PPM RDAM FOB S	0	0	-	0	-	0	0	-100.0%
PROPANE NON-LDH MB (OPIS) BAL	43	38.65	10.0%	147.91	-71.3%	79	67	18.7%
PROPANE NON-LDH MT. BEL (OPIS)	1,088	1,542.45	-29.5%	1,288.55	-15.6%	1,158	957	21.0%
RBOB CALENDAR SWAP	267	311.35	-14.2%	187.5	42.5%	264	275	-3.9%
RBOB CRACK SPREAD	25	103	-76.0%	18.86	31.2%	51	59	-13.1%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-	0	0	-100.0%
RBOB GAS	0	0	-	0.55	-100.0%	0	0	0.0%
RBOB GASOLINE BALMO CLNDR	13	79.35	-84.2%	13.82	-9.2%	25	45	-43.8%

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Energy Futures								
RBOB PHY	169,300	179,285.2	-5.6%	165,231.23	2.5%	186,381	200,926	-7.2%
RBOB VS HEATING OIL SWAP	0	0	-	9.09	-100.0%	25	1	3676.4%
SAN JUAN BASIS SWAP	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	0	0	-	0	-	0	1	-82.2%
SINGAPORE 380CST BALMO	0	5.8	-100.0%	0	-	0	4	-95.8%
SINGAPORE 380CST FUEL OIL	2	106.7	-98.5%	10.36	-84.6%	10	130	-92.3%
SINGAPORE FUEL 180CST CAL	0	5.15	-100.0%	0	-	1	11	-91.2%
SINGAPORE FUEL OIL SPREAD	0	2.45	-100.0%	0	-	0	3	-88.4%
SINGAPORE GASOIL	19	208.1	-91.0%	16.36	14.0%	27	267	-89.9%
SINGAPORE GASOIL CALENDAR	13	15.65	-18.2%	6.73	90.3%	32	10	217.8%
SINGAPORE GASOIL SWAP	88	64.65	36.7%	25.77	242.8%	45	46	-2.2%
SINGAPORE GASOIL VS ICE	0	4.5	-100.0%	0	-	1	20	-94.0%
SINGAPORE JET KERO BALMO	0	0	-	0	-	1	0	589.8%
SINGAPORE JET KERO GASOIL	0	0	-	26.14	-100.0%	2	0	475.0%
SINGAPORE JET KEROSENE SW	8	24.5	-66.3%	2.95	179.2%	27	28	-2.3%
SINGAPORE MOGAS 92 UNLEADED	0	0	-	0	-	1	6	-88.3%
SINGAPORE MOGAS 92 UNLEADED	0	298.6	-100.0%	0	-	105	408	-74.3%
SING FUEL	0	1.25	-100.0%	0	-	0	0	-100.0%
Sumas Basis Swap	0	0	-	0	-	0	0	-
TC2 ROTTERDAM TO USAC 37K	0	1.25	-100.0%	0	-	0	11	-98.2%
TC5 RAS TANURA TO YOKOHAM	0	0.75	-100.0%	0	-	1	15	-95.9%
TCO BASIS SWAP	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	49	141.8	-65.8%	119.5	-59.4%	100	254	-60.6%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-	5	0	-
TRANSCO ZONE4 BASIS SWAP	0	0	-	0	-	0	0	-
TRANSCO ZONE 6 BASIS SWAP	0	0	-	0	-	0	0	-
UCM FUT	0	0	-	0	-	0	0	-100.0%
UK NBP NAT GAS CAL MTH FUT	91	14.75	515.3%	1.36	6555.2%	18	27	-34.5%
ULSD UP-DOWN BALMO SWP	306	247.5	23.6%	136	125.0%	251	265	-5.5%
UP DOWN GC ULSD VS NMX HO	2,023	1,960.55	3.2%	1,659.23	22.0%	2,182	1,646	32.5%
WAHA BASIS	0	0	-	0	-	0	3	-100.0%
WTI-BRENT BULLET SWAP	0	0	-	0	-	0	8	-100.0%
WTI-BRENT CALENDAR SWAP	1,545	1,738.25	-11.1%	956.23	61.5%	1,750	1,720	1.8%
WTI CALENDAR	2,848	3,003.8	-5.2%	2,223.59	28.1%	2,836	2,002	41.7%
WTI MIDLAND CRUDE OIL	0	0	-	0	-	1	0	-
WTS (ARGUS) VS WTI SWAP	0	72	-100.0%	80.68	-100.0%	239	200	19.5%
WTS (ARGUS) VS WTI TRD MT	4	5.75	-37.4%	45.82	-92.1%	54	31	70.4%

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Energy Options								
BRENT CALENDAR SWAP	0	45	-100.0%	0	-	33	20	59.9%
BRENT CRUDE OIL 1 M CSO	55	0	-	0	-	159	155	2.5%
BRENT OIL LAST DAY	2,632	4,557.7	-42.3%	4,554.45	-42.2%	3,901	6,022	-35.2%
COAL API2 INDEX	0	0	-	0	-	0	5	-100.0%
CRUDE OIL	3	0	-	0	-	0	1	-66.7%
CRUDE OIL 1MO	9,263	5,457.5	69.7%	6,713.64	38.0%	9,118	10,193	-10.6%
CRUDE OIL APO	5,484	5,267.4	4.1%	1,713.82	220.0%	2,690	2,339	15.0%
CRUDE OIL CALNDR STRIP	6	0	-	0	-	1	1	-15.0%
CRUDE OIL OUTRIGHTS	0	0	-	0	-	0	4	-100.0%
CRUDE OIL PHY	122,333	100,965.85	21.2%	108,257.32	13.0%	124,191	130,117	-4.6%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ETHANOL SWAP	107	327	-67.4%	245.09	-56.4%	213	508	-58.0%
FREIGHT MARKETS	0	0	-	0	-	0	8	-100.0%
HEATING OIL CRK SPD AVG PRICE	60	0	-	0	-	5	0	-
HEATING OIL PHY	586	1,104.05	-46.9%	627.86	-6.6%	652	1,327	-50.9%
HENRY HUB FINANCIAL LAST	212	79.95	165.7%	473.68	-55.1%	333	280	18.7%
HO 1 MONTH CLNDR OPTIONS	0	20	-100.0%	0	-	0	11	-96.1%
LLS CRUDE OIL	0	0	-	0	-	6	0	-
MCCLOSKEY ARA ARGS COAL	121	15	708.3%	0	-	36	2	1618.3%
MCCLOSKEY RCH BAY COAL	0	1.25	-100.0%	2.27	-100.0%	2	5	-57.8%
NATURAL GAS 1 M CSO FIN	2,180	8,057.6	-73.0%	6,800	-67.9%	4,717	3,960	19.1%
NATURAL GAS 2 M CSO FIN	273	741.25	-63.2%	86.36	215.5%	85	91	-6.7%
NATURAL GAS 3 M CSO FIN	638	145	339.7%	0	-	2,139	989	116.3%
NATURAL GAS 5 M CSO FIN	0	67.5	-100.0%	0	-	50	26	87.7%
NATURAL GAS 6 M CSO FIN	155	2,132.5	-92.7%	0	-	655	462	41.9%
NATURAL GAS OPT	123	0	-	1,281.36	-90.4%	939	0	-
NATURAL GAS OPTION ON CALEND	313	161	94.4%	196.36	59.4%	143	126	13.9%
NATURAL GAS PHY	113,193	108,651.05	4.2%	130,175.86	-13.0%	119,843	81,871	46.4%
NATURAL GAS SUMMER STRIP	0	0	-	0	-	2	0	-
NATURAL GAS WINTER STRIP	0	0	-	0	-	3	6	-60.0%
N ROCKIES PIPE SWAP	0	0	-	0	-	0	19	-100.0%
NY HARBOR HEAT OIL SWP	36	13.5	164.4%	38.95	-8.4%	77	115	-32.8%
PETROCHEMICALS	26	1.35	1788.9%	24.55	3.9%	11	25	-56.7%
PETRO OUTRIGHT EURO	0	0	-	0	-	0	0	-83.3%
PETRO OUTRIGHT NA	2	6	-75.0%	4.09	-63.3%	7	2	180.5%
PJM WES HUB PEAK CAL MTH	0	7.5	-100.0%	0	-	3	4	-23.0%
PJM WES HUB PEAK LMP 50MW	0	0	-	0	-	0	4	-100.0%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-	0	1	-100.0%
RBOB CALENDAR SWAP	0	0	-	49.09	-100.0%	9	2	275.2%
RBOB CRACK	0	0	-	0	-	0	0	-
RBOB PHY	423	373	13.5%	319.27	32.6%	400	652	-38.6%
SAN JUAN PIPE SWAP	0	0	-	0	-	0	17	-100.0%
SHORT TERM	0	27.55	-100.0%	11.36	-100.0%	11	21	-48.7%
SHORT TERM NATURAL GAS	45	62.7	-28.2%	18.18	147.5%	47	58	-18.8%
WTI-BRENT BULLET SWAP	1,165	1,610	-27.6%	1,554.55	-25.1%	2,200	2,448	-10.1%
WTI CRUDE OIL 1 M CSO FI	5,519	1,480	272.9%	5,069.09	8.9%	4,328	2,452	76.5%

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	ADV NOV 2020	ADV NOV 2019	% CHG	ADV OCT 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
Metals Futures								
ALUMINUM	664	1,365.2	-51.4%	817.68	-18.8%	1,017	670	51.9%
COMEX COPPER	110,724	105,832.8	4.6%	83,508.05	32.6%	98,554	96,724	1.9%
COMEX E-Mini GOLD	1,317	1,140.55	15.5%	705.41	86.7%	1,569	978	60.5%
COMEX E-Mini SILVER	265	124.2	113.1%	271.5	-2.5%	433	206	110.2%
COMEX GOLD	308,854	446,370.9	-30.8%	211,149.64	46.3%	320,745	351,145	-8.7%
COMEX MINY COPPER	107	24.85	331.0%	107	0.1%	52	31	67.0%
COMEX SILVER	106,984	116,714.4	-8.3%	74,801.23	43.0%	105,821	97,863	8.1%
COPPER	65	29.1	122.0%	79.27	-18.5%	143	43	232.5%
FERROUS PRODUCTS	193	57.9	232.7%	56.59	240.4%	101	52	93.6%
GOLD	219	984.05	-77.8%	230.36	-5.0%	335	153	118.6%
HOT ROLLED COIL STEEL FUTURES	80	0	-	54.55	46.7%	25	0	-
IRON ORE 62 CHINA PLATTS FUTUR	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI FUTURES	0	95.95	-100.0%	0	-	63	228	-72.4%
IRON ORE CHINA	71	0	-	48.55	46.0%	30	0	-
LNDN ZINC	0	0	-	0	-	0	5	-100.0%
METALS	0	0	-	0	-	0	0	-
MICRO GOLD	79,434	34,602.15	129.6%	77,293.41	2.8%	87,375	22,489	288.5%
NYMEX HOT ROLLED STEEL	960	519.8	84.6%	1,037.41	-7.5%	881	713	23.6%
NYMEX PLATINUM	13,880	19,983.5	-30.5%	12,324.55	12.6%	17,798	22,832	-22.0%
PALLADIUM	2,969	6,563.75	-54.8%	1,574.73	88.6%	2,839	5,124	-44.6%
SILVER	11,931	2,726.8	337.5%	11,169.59	6.8%	9,296	1,414	557.4%
URANIUM	0	0	-	0.05	-100.0%	8	46	-82.5%
Metals Options								
ALUMINUM	0	0	-	0	-	1	0	-
COMEX COPPER	1,312	2,849.75	-54.0%	920.86	42.4%	1,753	2,819	-37.8%
COMEX GOLD	49,877	47,536	4.9%	39,885.27	25.1%	54,637	61,414	-11.0%
COMEX SILVER	7,633	8,034.9	-5.0%	6,284.09	21.5%	9,077	8,867	2.4%
COPPER	0	46	-99.6%	0.09	120.0%	15	15	0.3%
GOLD	6,758	7,711.45	-12.4%	6,018.86	12.3%	6,950	6,581	5.6%
HOT ROLLED COIL STEEL CALL OPT	0	0	-	0	-	0	5	-92.9%
HOT ROLLED COIL STEEL PUT OPTI	0	7.5	-100.0%	0	-	0	1	-100.0%
IRON ORE 62 CHINA TSI CALL OPTIC	0	0	-	0	-	16	30	-45.2%
IRON ORE 62 CHINA TSI PUT OPTIO	0	0	-	0	-	27	16	76.4%
IRON ORE CHINA	0	0	-	3.64	-100.0%	2	0	-
NYMEX HOT ROLLED STEEL	8	0	-	10.23	-26.7%	4	0	-
NYMEX PLATINUM	17	103.7	-83.7%	61.05	-72.2%	116	161	-28.1%
PALLADIUM	12	65.4	-82.1%	4.64	152.3%	30	59	-49.7%
SILVER	266	452.45	-41.3%	306.5	-13.3%	421	317	32.9%
Foreign Exchange Futures								
CHILEAN PESO	0	0	-	0	-	0	2	-100.0%

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	ADV NOV 2020	ADV NOV 2019	% CHG	ADV OCT 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS - WK	12	7.95	56.0%	14.41	-13.9%	37	39	-5.2%
Ags Futures								
FERTILIZER PRODUCTS	174	90.25	93.1%	117.09	48.8%	147	98	50.3%

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Ag Products Futures								
BUTTER CS	270	221.2	21.9%	226.36	19.2%	277	207	33.7%
CASH-SETTLED CHEESE	646	567.05	13.9%	672.95	-4.0%	646	524	23.3%
CAT ASIA WEATHER	0	0	-	0	-	34	0	-
CATTLE	60,570	74,415	-18.6%	56,356.36	7.5%	65,943	68,196	-3.3%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	14	-100.0%
CDD SEASONAL STRIP	0	0	-	0	-	3	2	66.7%
CDD WEATHER	0	0	-	0	-	42	39	7.5%
CHI WHEAT	159,974	130,729.2	22.4%	124,972.45	28.0%	135,523	123,995	9.3%
CLASS IV MILK	29	56.1	-48.3%	17.91	61.9%	112	114	-2.2%
COCOA TAS	0	0	-	0	-	0	0	-100.0%
COFFEE	0	0.1	-100.0%	0	-	0	0	0.0%
CORN	439,642	415,134.4	5.9%	375,287.41	17.1%	365,833	430,367	-15.0%
COTTON	0	0	-	1.23	-100.0%	0	0	50.0%
DJ_UBS ROLL SELECT INDEX FUTU	0	0	-	0	-	51	46	11.4%
DOW-UBS COMMOD INDEX	367	426.1	-13.9%	714.14	-48.6%	1,361	2,051	-33.6%
DRY WHEY	92	68.2	35.1%	71.64	28.6%	69	59	16.3%
FEEDER CATTLE	10,590	11,716.55	-9.6%	13,536.45	-21.8%	12,901	14,566	-11.4%
FERTILIZER PRODUCS	0	9	-100.0%	3.41	-100.0%	6	66	-90.7%
GOLDMAN SACHS	609	1,238.7	-50.9%	550.36	10.6%	702	1,331	-47.3%
GSCI EXCESS RETURN FUT	94	16.25	475.4%	61.73	51.5%	1,231	1,358	-9.4%
HDD EURO SEASONAL STRIP	0	12.5	-100.0%	0	-	0	1	-100.0%
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	143	380	-62.5%	400	-64.4%	155	52	196.1%
HDD WEATHER EUROPEAN	23	187.5	-88.0%	45.45	-50.5%	11	42	-74.9%
HOGS	42,701	61,749.55	-30.8%	39,680.59	7.6%	50,708	63,790	-20.5%
HOUSING INDEX	0	0.7	-85.7%	0.09	9.9%	1	1	85.9%
Intercommodity Spread	0	0	-	0	-	0	0	-
KC WHEAT	58,964	78,438.85	-24.8%	49,572.55	18.9%	56,653	62,896	-9.9%
LUMBER	385	627.7	-38.7%	412.32	-6.7%	614	653	-5.9%
MALAYSIAN PALM SWAP	559	208	168.7%	236.5	136.3%	198	207	-4.4%
MILK	1,668	1,568.85	6.3%	1,673.09	-0.3%	1,686	1,308	28.9%
MINI CORN	2,352	692.9	239.4%	2,468.23	-4.7%	1,293	704	83.7%
MINI SOYBEAN	3,112	683.65	355.1%	3,880.82	-19.8%	1,887	884	113.3%
MINI WHEAT	954	269.95	253.4%	898.68	6.1%	677	361	87.3%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	228	290.05	-21.4%	263	-13.3%	378	299	26.4%
OATS	791	995.05	-20.5%	460.18	72.0%	570	662	-13.9%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	6	0	-
PORK CUTOUT	118	0	-	0	-	10	0	-
ROUGH RICE	318	612.65	-48.0%	1,226.27	-74.0%	985	986	0.0%
SOYBEAN	245,526	170,824.2	43.7%	342,957.05	-28.4%	238,185	209,259	13.8%
SOYBEAN MEAL	122,741	150,462.3	-18.4%	116,833.82	5.1%	118,645	114,308	3.8%
SOYBEAN OIL	146,348	162,135.7	-9.7%	121,549.95	20.4%	130,144	123,297	5.6%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	98	130	-24.6%
SUGAR 11	0	0	-	0	-	0	0	0.0%
USD CRUDE PALM OIL	142	124	14.6%	165.91	-14.4%	148	60	147.1%
WHEAT	1,310	539.35	142.9%	1,664.27	-21.3%	1,222	737	65.7%

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Ag Products Options								
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
BUTTER CS	67	119.95	-44.4%	84.14	-20.7%	134	148	-9.7%
CASH-SETTLED CHEESE	415	352.75	17.8%	736.91	-43.6%	587	446	31.4%
CATTLE	9,601	11,064.35	-13.2%	9,737.95	-1.4%	10,810	9,839	9.9%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	9	-100.0%
CDD SEASONAL STRIP	0	0	-	0	-	9	22	-60.0%
CHI WHEAT	22,198	18,645.6	19.1%	38,590.27	-42.5%	31,276	29,625	5.6%
CLASS IV MILK	48	67.7	-28.6%	32.09	50.7%	201	164	22.9%
CORN	115,734	73,904.7	56.6%	139,671.05	-17.1%	95,097	130,976	-27.4%
CORN NEARBY+2 CAL SPRD	145	346.8	-58.2%	157.68	-8.0%	291	351	-17.2%
DEC-DEC CORN CAL SPRD	0	17.85	-100.0%	5.23	-100.0%	14	81	-83.3%
DEC-JULY CORN CAL SPRD	9	330.35	-97.3%	32.09	-72.0%	17	124	-86.3%
DEC-JULY WHEAT CAL SPRD	3	2.55	-2.0%	0	-	7	0	1463.6%
DRY WHEY	52	7.3	613.0%	1.09	4671.3%	23	34	-31.8%
FEEDER CATTLE	982	1,045	-6.0%	1,284.36	-23.5%	1,209	1,405	-13.9%
HDD EURO SEASONAL STRIP	0	0	-	272.73	-100.0%	26	0	-
HDD SEASONAL STRIP	125	0	-	45.45	175.0%	15	0	-
HDD WEATHER	25	0	-	21.59	15.8%	24	0	-
HOGS	5,184	13,181.15	-60.7%	8,059.05	-35.7%	12,184	17,070	-28.6%
HOUSING INDEX	0	0	-	0	-	0	0	-100.0%
Intercommodity Spread	0	260.25	-100.0%	0	-	49	27	78.5%
JAN-MAR SOYBEAN CSO	0	0	-	0	-	0	0	-
JULY-DEC CORN CAL SPRD	58	400	-85.6%	200.09	-71.3%	106	125	-14.9%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-	0	0	-
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	1	0	-
JULY-DEC WHEAT CAL SPRD	0	0	-	0	-	18	6	177.1%
JULY-JULY WHEAT CAL SPRD	0	0	-	0.45	-100.0%	1	0	-
JULY-NOV SOYBEAN CAL SPRD	3	1.9	39.5%	0	-	61	51	18.9%
KC WHEAT	1,833	3,730.1	-50.8%	6,151.91	-70.2%	4,619	4,355	6.1%
LUMBER	32	76.8	-57.7%	26.32	23.3%	41	82	-50.1%
LV CATL CSO	0	1	-100.0%	0	-	0	2	-100.0%
MAR-DEC CORN CAL SPRD	0	0	-	0	-	2	0	5519.8%
MAR-JULY CORN CAL SPRD	25	200	-87.5%	0	-	13	17	-25.7%
MAR-JULY SOYBEAN CAL SPRD	1	0	-	0	-	0	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	10.23	-100.0%	2	0	1366.4%
MILK	1,543	1,799.3	-14.3%	1,809.23	-14.7%	2,162	1,813	19.2%
MLK MID OPTIONS	0	0.2	-100.0%	0.32	-100.0%	1	1	-45.8%
NFD MILK	194	185.75	4.3%	217.77	-11.0%	357	285	25.2%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	22.73	-100.0%	12	15	-24.8%
NOV-MAR SOYBEAN CSO	0	0	-	4.55	-100.0%	6	0	7073.4%
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-	1	12	-93.6%
OATS	12	9.9	18.2%	36.23	-67.7%	14	20	-31.0%
PORK CUTOFF	0	0	-	0	-	0	0	-
ROUGH RICE	25	133.2	-81.0%	49.14	-48.5%	128	142	-9.9%
SOYBEAN	106,730	42,939.5	148.6%	88,007.95	21.3%	63,692	53,692	18.6%
SOYBEAN CRUSH	32	6.35	400.0%	31.82	-0.2%	17	1	1199.7%
SOYBEAN MEAL	12,269	9,381.45	30.8%	16,515.36	-25.7%	11,713	7,781	50.5%
SOYBEAN OIL	19,549	8,023.9	143.6%	13,217.09	47.9%	10,162	5,946	70.9%

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Ag Products Options								
SOYBN NEARBY+2 CAL SPRD	99	1.25	7780.0%	276.59	-64.4%	60	24	150.9%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-	1	2	-59.2%
WHEAT	3	338	-99.1%	181.18	-98.2%	88	247	-64.6%
WHEAT-CORN IC50	4	0	-	42.05	-90.4%	27	12	119.9%
WHEAT NEARBY+2 CAL SPRD	74	0	-	31.82	131.8%	35	12	196.6%
TOTAL FUTURES GROUP								
Interest Rate Futures	7,404,881	8,005,276.6	-7.5%	4,132,125.59	79.2%	6,413,875	7,813,216	-17.9%
Equity Index Futures	4,788,157	2,190,573.95	118.6%	4,747,853	0.8%	5,006,282	2,799,482	78.8%
Metals Futures	638,716	737,135.9	-13.4%	475,229.55	34.4%	647,085	600,715	7.7%
Energy Futures	1,822,776	2,004,666.85	-9.1%	1,702,920.82	7.0%	2,176,226	2,155,418	1.0%
FX Futures	724,851	650,461.8	11.4%	672,263.45	7.8%	808,546	795,478	1.6%
Foreign Exchange Futures	0	0	-	0	-	0	2	-100.0%
Ags Futures	174	90.25	93.1%	117.09	48.8%	147	98	50.3%
Ag Products Futures	1,301,264	1,265,401.3	2.8%	1,256,861.18	3.5%	1,189,007	1,223,573	-2.8%
TOTAL FUTURES	16,680,818	14,853,606.65	12.3%	12,987,370.68	28.4%	16,241,168.44	15,387,981.3	5.5%
TOTAL OPTIONS GROUP								
Interest Rate Options	1,345,215	2,252,745.85	-40.3%	1,115,663.27	20.6%	1,902,520	2,831,786	-32.8%
Equity Index Options	579,415	543,003.3	6.7%	658,092.23	-12.0%	731,510	642,032	13.9%
Metals Options	65,882	66,807.15	-1.4%	53,495.23	23.2%	73,050	80,284	-9.0%
Energy Options	264,948	241,378.2	9.8%	268,217.23	-1.2%	277,007	244,348	13.4%
FX Options	33,704	37,815.55	-10.9%	32,180.14	4.7%	41,131	51,860	-20.7%
Ag Products Options	297,071	186,574.9	59.2%	325,564.5	-8.8%	245,312	264,971	-7.4%
Foreign Exchange Options	12	7.95	56.0%	14.41	-13.9%	37	39	-5.2%
TOTAL OPTIONS	2,586,249	3,328,332.9	-22.3%	2,453,227	5.4%	3,270,567.45	4,115,320.03	-20.5%
TOTAL COMBINED								
FX	758,554	688,277.35	10.2%	704,443.59	7.7%	849,677	847,338	0.3%
Equity Index	5,367,572	2,733,577.25	96.4%	5,405,945.23	-0.7%	5,737,792	3,441,514	66.7%
Interest Rate	8,750,096	10,258,022.45	-14.7%	5,247,788.86	66.7%	8,316,396	10,645,002	-21.9%
Energy	2,087,725	2,246,045.05	-7.0%	1,971,138.05	5.9%	2,453,233	2,399,766	2.2%
Metals	704,597	803,943.05	-12.4%	528,724.77	33.3%	720,135	680,999	5.7%
Foreign Exchange	12	7.95	56.0%	14.41	-13.9%	37	40	-9.3%
Ags	174	90.25	93.1%	117.09	48.8%	147	98	50.3%
Ag Products	1,598,335	1,451,976.2	10.1%	1,582,425.68	1.0%	1,434,319	1,488,544	-3.6%
GRAND TOTAL	19,267,067	18,181,939.55	6.0%	15,440,597.68	24.8%	19,511,735.89	19,503,301.33	0.0%

*** 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.