

CME Group Exchange ADV Report - Monthly

January 2023

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	ADV JAN 2023	ADV JAN 2022	% CHG	ADV DEC 2022	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
FX Futures								
AD/CD CROSS RATES	2	0.6	225.0%	6.62	-70.5%	2	1	225.0%
AD/JY CROSS RATES	61	124.9	-50.8%	126.62	-51.5%	61	125	-50.8%
AD/NE CROSS RATES	131	10.05	1207.0%	376.48	-65.1%	131	10	1207.0%
AUSTRALIAN DOLLAR	86,048	88,322	-2.6%	97,167.38	-11.4%	86,048	88,322	-2.6%
BP/JY CROSS RATES	152	133.4	13.8%	413.81	-63.3%	152	133	13.8%
BP/SF CROSS RATES	146	156.45	-6.6%	198.86	-26.5%	146	156	-6.6%
BRAZIL REAL	15,008	16,787.95	-10.6%	12,739.86	17.8%	15,008	16,788	-10.6%
BRITISH POUND	85,993	97,065.75	-11.4%	114,803	-25.1%	85,993	97,066	-11.4%
CANADIAN DOLLAR	70,122	77,906.45	-10.0%	90,453.19	-22.5%	70,122	77,906	-10.0%
CD/JY CROSS RATES	0	23.05	-99.3%	3.86	-96.1%	0	23	-99.3%
CHINESE RENMINBI (CNH)	1,067	748	42.7%	1,916.14	-44.3%	1,067	748	42.7%
CZECK KORUNA (EC)	0	0.15	-33.3%	0	-	0	0	-33.3%
CZECK KORUNA (US)	8	0.05	15500.0%	8.71	-10.5%	8	0	15500.0%
EC/AD CROSS RATES	99	158.5	-37.6%	407.14	-75.7%	99	159	-37.6%
EC/CD CROSS RATES	174	245	-29.1%	860	-79.8%	174	245	-29.1%
EC/NOK CROSS RATES	66	35.7	84.7%	86.29	-23.6%	66	36	84.7%
EC/SEK CROSS RATES	111	60.1	84.1%	351.76	-68.5%	111	60	84.1%
EFX/BP CROSS RATES	1,534	2,136.05	-28.2%	6,664.81	-77.0%	1,534	2,136	-28.2%
EFX/JY CROSS RATES	1,371	1,890.05	-27.5%	3,892.95	-64.8%	1,371	1,890	-27.5%
EFX/SF CROSS RATES	731	1,198.9	-39.1%	2,072.81	-64.8%	731	1,199	-39.1%
E-MICRO USD/CAD	14	13.7	0.0%	7.57	80.9%	14	14	0.0%
E-MICRO USD/CHF	12	0.7	1621.4%	5.14	134.3%	12	1	1621.4%
E-MICRO USD/JPY	92	101.8	-10.0%	87.9	4.3%	92	102	-10.0%
E-MINI EURO FX	7,485	5,731.15	30.6%	9,641.29	-22.4%	7,485	5,731	30.6%
E-MINI JAPANESE YEN	635	270.4	135.0%	595.62	6.7%	635	270	135.0%
EURO FX	197,228	171,557.75	15.0%	292,149.95	-32.5%	197,228	171,558	15.0%
HUNGARIAN FORINT (EC)	0	0.3	-83.3%	0.19	-73.8%	0	0	-83.3%
HUNGARIAN FORINT (US)	0	1.15	-60.9%	0.33	35.0%	0	1	-60.9%
INDIAN RUPEE	2,418	757.75	219.1%	1,459.38	65.7%	2,418	758	219.1%
JAPANESE YEN	148,157	108,612.45	36.4%	168,744.81	-12.2%	148,157	108,612	36.4%
KOREAN WON	11	58.45	-81.1%	9.24	19.6%	11	58	-81.1%
MEXICAN PESO	43,287	41,636.7	4.0%	85,905.76	-49.6%	43,287	41,637	4.0%
MICRO AUD/USD	15,304	11,984.8	27.7%	12,757.81	20.0%	15,304	11,985	27.7%
MICRO CAD/USD	3,257	3,525.3	-7.6%	3,132.76	4.0%	3,257	3,525	-7.6%
MICRO CHF/USD	998	532.25	87.5%	829.52	20.3%	998	532	87.5%
MICRO EUR/USD	38,602	33,144.45	16.5%	39,900.62	-3.3%	38,602	33,144	16.5%
MICRO GBP/USD	3,894	4,311.45	-9.7%	4,801.52	-18.9%	3,894	4,311	-9.7%
MICRO INR/USD	37	47.85	-22.5%	35.57	4.3%	37	48	-22.5%
MICRO JPY/USD	0	2,488.5	-100.0%	0	-	0	2,489	-100.0%
MICRO USD/CNH	0	0	-	0	-	0	0	-
NEW ZEALND DOLLAR	25,380	24,598.8	3.2%	31,542.57	-19.5%	25,380	24,599	3.2%
NKR/USD CROSS RATE	128	153.85	-16.9%	166.57	-23.3%	128	154	-16.9%
POLISH ZLOTY (EC)	1	2	-50.0%	11.19	-91.1%	1	2	-50.0%
POLISH ZLOTY (US)	44	40.1	10.3%	98.57	-55.1%	44	40	10.3%
RMB USD	0	0.05	400.0%	0.05	425.2%	0	0	400.0%
RUSSIAN RUBLE	0	12,485	-100.0%	0	-	0	12,485	-100.0%
S.AFRICAN RAND	2,690	3,679.75	-26.9%	4,354.29	-38.2%	2,690	3,680	-26.9%
SF/JY CROSS RATES	14	3.6	286.1%	103.33	-86.5%	14	4	286.1%
SHEKEL	1	0.6	0.0%	1.95	-69.3%	1	1	0.0%

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FX Futures								
SKR/USD CROSS RATES	212	316.85	-33.0%	663.67	-68.0%	212	317	-33.0%
SWISS FRANC	19,557	21,643.45	-9.6%	21,923.19	-10.8%	19,557	21,643	-9.6%
TURKISH LIRA	0	0.1	-100.0%	3	-100.0%	0	0	-100.0%
USDZAR	0	0.25	-100.0%	0	-	0	0	-100.0%
FX Options								
AUD/USD MONDAY OPTION WEEK1	1	34.3	-96.2%	2.52	-48.5%	1	34	-96.2%
AUD/USD MONDAY OPTION WEEK2	21	5.7	268.4%	4.33	384.6%	21	6	268.4%
AUD/USD MONDAY OPTION WEEK3	0	0	-	8.29	-100.0%	0	0	-
AUD/USD MONDAY OPTION WEEK4	38	13.4	184.7%	0.43	8803.2%	38	13	184.7%
AUD/USD MONDAY OPTION WEEK5	16	38.95	-59.6%	0.05	32988.2%	16	39	-59.6%
AUD/USD MONTHLY OPTIONS	1,683	8,469.8	-80.1%	1,974.33	-14.7%	1,683	8,470	-80.1%
AUD/USD WKLY FRIDAY OPTIONS -	0	0	-	5.43	-100.0%	0	0	-
AUD/USD WKLY FRIDAY OPTIONS -	56	93.25	-40.3%	47.9	16.3%	56	93	-40.3%
AUD/USD WKLY FRIDAY OPTIONS -	139	139.5	-0.1%	48.52	187.3%	139	140	-0.1%
AUD/USD WKLY FRIDAY OPTIONS -	117	155.1	-24.8%	53.05	119.9%	117	155	-24.8%
AUD/USD WKLY FRIDAY OPTIONS -	0	0	-	28.76	-100.0%	0	0	-
AUD/USD WKLY WED OPTIONS - WK	8	13.35	-42.7%	4.86	57.5%	8	13	-42.7%
AUD/USD WKLY WED OPTIONS - WK	13	36.4	-65.7%	13.33	-6.3%	13	36	-65.7%
AUD/USD WKLY WED OPTIONS - WK	9	7.7	18.8%	29.57	-69.1%	9	8	18.8%
AUD/USD WKLY WED OPTIONS - WK	33	42.05	-21.2%	6.29	427.4%	33	42	-21.2%
AUD/USD WKLY WED OPTIONS - WK	0	0	-	0	-	0	0	-
BRL/USD MONTHLY OPTIONS	0	49.6	-99.6%	2	-90.0%	0	50	-99.6%
CAD/USD MONDAY OPTIONS WEEK1	6	2.45	155.1%	9.86	-36.6%	6	2	155.1%
CAD/USD MONDAY OPTIONS WEEK2	42	52.55	-19.2%	56.57	-25.0%	42	53	-19.2%
CAD/USD MONDAY OPTIONS WEEK3	0	0	-	9.57	-100.0%	0	0	-
CAD/USD MONDAY OPTIONS WEEK4	51	55.45	-8.7%	0.43	11708.6%	51	55	-8.7%
CAD/USD MONDAY OPTIONS WEEK5	12	62.8	-80.3%	35.52	-65.2%	12	63	-80.3%
CAD/USD MONTHLY OPTIONS	3,731	4,707	-20.7%	2,919.76	27.8%	3,731	4,707	-20.7%
CAD/USD WKLY FRIDAY OPTIONS -	0	0	-	7.95	-100.0%	0	0	-
CAD/USD WKLY FRIDAY OPTIONS -	182	480.25	-62.1%	56.14	224.6%	182	480	-62.1%
CAD/USD WKLY FRIDAY OPTIONS -	122	304.25	-59.9%	128.57	-5.2%	122	304	-59.9%
CAD/USD WKLY FRIDAY OPTIONS -	180	290.3	-38.1%	125.71	42.9%	180	290	-38.1%
CAD/USD WKLY FRIDAY OPTIONS -	0	0	-	125.1	-100.0%	0	0	-
CAD/USD WKLY WED OPTIONS - WK	71	28.35	150.1%	23.86	197.2%	71	28	150.1%
CAD/USD WKLY WED OPTIONS - WK	36	90.65	-60.3%	10.38	246.8%	36	91	-60.3%
CAD/USD WKLY WED OPTIONS - WK	33	61.35	-45.5%	36.48	-8.3%	33	61	-45.5%
CAD/USD WKLY WED OPTIONS - WK	114	96.1	18.8%	18.81	506.9%	114	96	18.8%
CAD/USD WKLY WED OPTIONS - WK	0	0	-	0	-	0	0	-
CHF/USD MONTHLY OPTIONS	311	558.4	-44.3%	194.24	60.2%	311	558	-44.3%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0.24	-100.0%	0	0	-
CHF/USD WKLY FRIDAY OPTIONS -	5	14.8	-64.2%	8.19	-35.3%	5	15	-64.2%
CHF/USD WKLY FRIDAY OPTIONS -	10	15	-36.3%	2.71	251.8%	10	15	-36.3%
CHF/USD WKLY FRIDAY OPTIONS -	32	14.85	114.5%	2.81	1033.6%	32	15	114.5%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	0.38	-100.0%	0	0	-
EUR/GBP MONTHLY OPTIONS	0	0.2	-100.0%	4.76	-100.0%	0	0	-100.0%
EURODOLLARS	173	0	-	325.86	-47.0%	173	0	-

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FX Options								
EUR/USD MONDAY OPTION WEEK1	50	22.85	118.8%	19.57	155.5%	50	23	118.8%
EUR/USD MONDAY OPTION WEEK2	119	115.95	3.0%	135.57	-11.9%	119	116	3.0%
EUR/USD MONDAY OPTION WEEK3	0	0	-	152.67	-100.0%	0	0	-
EUR/USD MONDAY OPTION WEEK4	57	41.35	38.1%	41.52	37.5%	57	41	38.1%
EUR/USD MONDAY OPTION WEEK5	48	142.8	-66.6%	34.29	39.3%	48	143	-66.6%
EUR/USD MONTHLY OPTIONS	10,093	10,191.85	-1.0%	14,101.43	-28.4%	10,093	10,192	-1.0%
EUR/USD WKLY FRIDAY OPTIONS -	0	0	-	39.57	-100.0%	0	0	-
EUR/USD WKLY FRIDAY OPTIONS -	1,144	1,348.9	-15.2%	807.95	41.6%	1,144	1,349	-15.2%
EUR/USD WKLY FRIDAY OPTIONS -	1,008	874.25	15.3%	1,232.29	-18.2%	1,008	874	15.3%
EUR/USD WKLY FRIDAY OPTIONS -	557	953.3	-41.6%	447.95	24.4%	557	953	-41.6%
EUR/USD WKLY FRIDAY OPTIONS -	0	0	-	363.9	-100.0%	0	0	-
EUR/USD WKLY WED OPTIONS - WK	145	290.15	-50.0%	204.29	-29.0%	145	290	-50.0%
EUR/USD WKLY WED OPTIONS - WK	254	223.3	13.6%	219.9	15.4%	254	223	13.6%
EUR/USD WKLY WED OPTIONS - WK	172	238.9	-28.2%	220.19	-22.1%	172	239	-28.2%
EUR/USD WKLY WED OPTIONS - WK	176	247.65	-29.0%	138.62	26.9%	176	248	-29.0%
EUR/USD WKLY WED OPTIONS - WK	0	0	-	0	-	0	0	-
GBP/USD MONDAY OPTION WEEK1	49	9.45	418.0%	33.48	46.2%	49	9	418.0%
GBP/USD MONDAY OPTION WEEK2	88	55.2	59.2%	35.9	144.8%	88	55	59.2%
GBP/USD MONDAY OPTION WEEK3	0	0	-	47.48	-100.0%	0	0	-
GBP/USD MONDAY OPTION WEEK4	12	14.3	-17.1%	24.24	-51.1%	12	14	-17.1%
GBP/USD MONDAY OPTION WEEK5	20	18.05	10.8%	19.9	0.5%	20	18	10.8%
GBP/USD MONTHLY OPTIONS	3,317	3,214.65	3.2%	2,996.95	10.7%	3,317	3,215	3.2%
GBP/USD WKLY FRIDAY OPTIONS -	0	0	-	30.14	-100.0%	0	0	-
GBP/USD WKLY FRIDAY OPTIONS -	164	136.35	20.5%	85.38	92.4%	164	136	20.5%
GBP/USD WKLY FRIDAY OPTIONS -	89	177.7	-49.8%	170.14	-47.5%	89	178	-49.8%
GBP/USD WKLY FRIDAY OPTIONS -	78	163.2	-52.5%	134.57	-42.3%	78	163	-52.5%
GBP/USD WKLY FRIDAY OPTIONS -	0	0	-	150.86	-100.0%	0	0	-
GBP/USD WKLY WED OPTIONS - WK	25	77.2	-68.2%	91.76	-73.2%	25	77	-68.2%
GBP/USD WKLY WED OPTIONS - WK	109	43.2	151.4%	50.19	116.4%	109	43	151.4%
GBP/USD WKLY WED OPTIONS - WK	56	141.3	-60.2%	56.81	-0.9%	56	141	-60.2%
GBP/USD WKLY WED OPTIONS - WK	24	132.65	-81.8%	88.24	-72.6%	24	133	-81.8%
GBP/USD WKLY WED OPTIONS - WK	0	0	-	0	-	0	0	-
JPY/USD MONDAY OPTION WEEK1	8	7.65	9.2%	15.67	-46.7%	8	8	9.2%
JPY/USD MONDAY OPTION WEEK2	45	86.85	-47.7%	7.67	492.2%	45	87	-47.7%
JPY/USD MONDAY OPTION WEEK3	0	0	-	8.33	-100.0%	0	0	-
JPY/USD MONDAY OPTION WEEK4	67	23.3	189.5%	2.71	2385.0%	67	23	189.5%
JPY/USD MONDAY OPTION WEEK5	52	2.55	1952.9%	0.76	6771.0%	52	3	1952.9%
JPY/USD MONTHLY OPTIONS	5,602	6,996.95	-19.9%	3,497.57	60.2%	5,602	6,997	-19.9%
JPY/USD WKLY FRIDAY OPTIONS -	0	0	-	39.57	-100.0%	0	0	-
JPY/USD WKLY FRIDAY OPTIONS -	322	577.05	-44.2%	118.95	170.9%	322	577	-44.2%
JPY/USD WKLY FRIDAY OPTIONS -	530	580.95	-8.8%	430.1	23.2%	530	581	-8.8%
JPY/USD WKLY FRIDAY OPTIONS -	333	450.5	-26.0%	292.48	13.9%	333	451	-26.0%
JPY/USD WKLY FRIDAY OPTIONS -	0	0	-	122	-100.0%	0	0	-
JPY/USD WKLY WED OPTIONS - WK	136	116.1	17.1%	372.57	-63.5%	136	116	17.1%
JPY/USD WKLY WED OPTIONS - WK	168	205.6	-18.2%	243.48	-31.0%	168	206	-18.2%
JPY/USD WKLY WED OPTIONS - WK	212	107.45	97.1%	193.57	9.4%	212	107	97.1%
JPY/USD WKLY WED OPTIONS - WK	229	120.8	89.9%	97.33	135.7%	229	121	89.9%
JPY/USD WKLY WED OPTIONS - WK	0	0	-	0	-	0	0	-

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FX Options								
MXN/USD MONTHLY OPTIONS	10	88.3	-88.4%	4.33	135.4%	10	88	-88.4%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-
NZD/USD MONTHLY OPTIONS	1,425	2	71147.5%	333.52	327.2%	1,425	2	71147.5%
ZAR/USD MONTHLY OPTIONS	17	0	-	2.38	614.0%	17	0	-
Equity Index Futures								
BITCOIN	9,917	9,444.25	5.0%	7,448.33	33.1%	9,917	9,444	5.0%
DJ US REAL ESTATE SECTOR	2,083	2,131.4	-2.3%	7,997.24	-74.0%	2,083	2,131	-2.3%
E-mini (\$5) Dow	171,616	271,814.2	-36.9%	184,554.81	-7.0%	171,616	271,814	-36.9%
E-mini FTSE China 50	2	6.55	-66.4%	2.62	-16.0%	2	7	-66.4%
E-MINI MIDCAP	11,345	19,191.45	-40.9%	16,354.86	-30.6%	11,345	19,191	-40.9%
E-MINI NASDAQ 100	617,168	818,812.4	-24.6%	663,153.29	-6.9%	617,168	818,812	-24.6%
E-MINI RUSSELL 1000	671	172.2	289.4%	725.9	-7.6%	671	172	289.4%
E-MINI RUSSELL 1000 GROWTH	93	364.05	-74.4%	496.9	-81.2%	93	364	-74.4%
E-MINI RUSSELL 1000 VALUE	371	618.2	-39.9%	2,958.9	-87.4%	371	618	-39.9%
E-MINI RUSSELL 2000	188,615	296,181.7	-36.3%	239,790	-21.3%	188,615	296,182	-36.3%
E-MINI S&P500	1,703,857	2,097,142.95	-18.8%	2,011,590.33	-15.3%	1,703,857	2,097,143	-18.8%
E-MINI S&P500 ESG	732	2,201.95	-66.8%	2,601.71	-71.9%	732	2,202	-66.8%
ETHER	0	0	-	0	-	0	0	-
ETHER FUTURES	5,415	6,009.75	-9.9%	3,706.95	46.1%	5,415	6,010	-9.9%
FT-SE 100	0	7.7	-100.0%	0	-	0	8	-100.0%
IBOVESPA INDEX	1	1.85	-43.2%	3	-65.0%	1	2	-43.2%
MICRO BITCOIN	7,181	20,910.6	-65.7%	5,558.76	29.2%	7,181	20,911	-65.7%
MICRO E-MINI NASDAQ 100	1,153,354	1,773,104.75	-35.0%	1,096,418.33	5.2%	1,153,354	1,773,105	-35.0%
MICRO E-MINI RUSSELL 2000	84,980	233,529.25	-63.6%	82,744.81	2.7%	84,980	233,529	-63.6%
MICRO E-MINI S&P500	1,318,382	1,462,836.8	-9.9%	1,241,675.9	6.2%	1,318,382	1,462,837	-9.9%
MICRO ETHER	10,609	21,597.9	-50.9%	9,031.1	17.5%	10,609	21,598	-50.9%
MICRO MINI \$5 DOW	141,114	270,420.45	-47.8%	138,518.43	1.9%	141,114	270,420	-47.8%
NASDAQ-100 VOLATILITY	134	360.6	-62.9%	38.43	248.2%	134	361	-62.9%
NASDAQ BIOTECH SECTOR	10	7.35	38.8%	28.33	-64.0%	10	7	38.8%
Nearby BTIC+	0	2.5	-100.0%	0	-	0	3	-100.0%
NIKKEI 225 (\$) STOCK	4,697	7,517.5	-37.5%	6,278.86	-25.2%	4,697	7,518	-37.5%
NIKKEI 225 (YEN) STOCK	27,953	42,523.05	-34.3%	32,615.81	-14.3%	27,953	42,523	-34.3%
PHLX SEMICONDUCTOR SECTOR	8	0	-	9.62	-19.4%	8	0	-
S&P 500	3,643	5,093.35	-28.5%	4,348.24	-16.2%	3,643	5,093	-28.5%
S&P 500 ANNUAL DIVIDEND INDEX F	3,390	3,511.25	-3.5%	3,293.81	2.9%	3,390	3,511	-3.5%
S&P 500 QUARLY DIVIDEND INDEX F	717	295.55	142.6%	405.38	76.8%	717	296	142.6%
S&P BIOTECHNOLOGY SECTOR	16	0	-	69.76	-76.6%	16	0	-
S&P COMMUNICATION SERVICES S	79	126.2	-37.7%	304.76	-74.2%	79	126	-37.7%
S&P CONSUMER DISCRETIONARY S	246	694.3	-64.5%	544.62	-54.8%	246	694	-64.5%
S&P CONSUMER STAPLES SECTOR	1,447	1,197.95	20.7%	2,744.33	-47.3%	1,447	1,198	20.7%
S&P ENERGY SECTOR	1,103	1,979.3	-44.3%	4,854.14	-77.3%	1,103	1,979	-44.3%
S&P FINANCIAL SECTOR	665	1,354.1	-50.9%	3,789.48	-82.5%	665	1,354	-50.9%
S&P HEALTH CARE SECTOR	411	957.25	-57.1%	1,753.48	-76.6%	411	957	-57.1%
S&P INDUSTRIAL SECTOR	923	1,573.25	-41.3%	2,799.33	-67.0%	923	1,573	-41.3%

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	ADV JAN 2023	ADV JAN 2022	% CHG	ADV DEC 2022	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Equity Index Futures								
S&P MATERIALS SECTOR	259	784.65	-67.0%	980.24	-73.6%	259	785	-67.0%
S&P OIL & GAS EXPLORATION AND	7	0	-	16.19	-57.7%	7	0	-
S&P REAL ESTATE SECTOR	530	450.9	17.5%	1,336.14	-60.4%	530	451	17.5%
S&P REGIONAL BANKS SECTOR	10	0	-	15.9	-36.5%	10	0	-
S&P RETAIL SECTOR	6	0	-	20.14	-68.0%	6	0	-
S&P TECHNOLOGY SECTOR	520	1,914.1	-72.9%	1,743.19	-70.2%	520	1,914	-72.9%
S&P UTILITIES SECTOR	1,163	1,374.15	-15.4%	3,080.19	-62.2%	1,163	1,374	-15.4%
TOPIX (USD)	0	0	-	2.57	-100.0%	0	0	-
TOPIX (YEN)	12	196.9	-94.1%	13.43	-12.9%	12	197	-94.1%
WATER INDEX FUTURES	2	9.2	-79.9%	0.29	547.5%	2	9	-79.9%

Equity Index Options

BITCOIN OPTIONS	423	115.05	267.3%	128	230.2%	423	115	267.3%
DJIA	198	0	-	357.81	-44.6%	198	0	-
E-mini (\$5) Dow	85	112.15	-23.8%	121.48	-29.7%	85	112	-23.8%
E-MINI NASDAQ 100	42,702	45,027.9	-5.2%	37,628.33	13.5%	42,702	45,028	-5.2%
E-mini Russell 2000	3,824	8,047.5	-52.5%	3,402.1	12.4%	3,824	8,048	-52.5%
E-MINI RUSSELL 2000	961	1,763.6	-45.5%	1,715.05	-43.9%	961	1,764	-45.5%
E-mini S&P 500	564,419	768,557.35	-26.6%	444,060.62	27.1%	564,419	768,557	-26.6%
E-MINI S&P500	583,744	507,976.3	14.9%	673,780.14	-13.4%	583,744	507,976	14.9%
ETHER OPTIONS	44	0	-	15.38	183.1%	44	0	-
MICRO BITCOIN	664	0	-	51.1	1199.5%	664	0	-
Micro E-mini Nasdaq-100	2,357	3,494.2	-32.5%	1,473.76	60.0%	2,357	3,494	-32.5%
MICRO E-MINI NASDAQ 100	338	522.35	-35.3%	687.9	-50.9%	338	522	-35.3%
Micro E-mini S&P 500	14,065	15,132.85	-7.1%	11,963.19	17.6%	14,065	15,133	-7.1%
MICRO ETHER	156	0	-	52.05	200.6%	156	0	-

Interest Rate Futures

10-YR Eris LIBOR	220	1,341.3	-83.6%	1,374.43	-84.0%	220	1,341	-83.6%
10-YR Eris SOFR	18	2.5	638.0%	45.05	-59.0%	18	3	638.0%
10-YR MAC LIBOR	271	4,210.25	-93.6%	1,888.48	-85.7%	271	4,210	-93.6%
10-YR MAC SOFR	0	0	-	0	-	0	0	-
10-YR NOTE	1,546,440	1,813,673.95	-14.7%	1,213,485.14	27.4%	1,546,440	1,813,674	-14.7%
10Y YIELD	1,369	3,985.8	-65.6%	1,365.95	0.2%	1,369	3,986	-65.6%
15-YR Eris LIBOR	0	0	-	0	-	0	0	-
1-MONTH EURODOLLAR	0	0	-	0.43	-100.0%	0	0	-
1-YR Eris BSBY	0	0	-	0	-	0	0	-
1-YR Eris SOFR	3	879.95	-99.6%	311.48	-98.9%	3	880	-99.6%
20-YR BOND	30	0	-	32.81	-9.9%	30	0	-
2-YR Eris LIBOR	761	1,108.6	-31.4%	5,861.86	-87.0%	761	1,109	-31.4%
2-YR Eris SOFR	198	223.1	-11.3%	844.52	-76.6%	198	223	-11.3%
2-YR NOTE	492,361	499,052.7	-1.3%	394,423.67	24.8%	492,361	499,053	-1.3%
2Y YIELD	251	451.65	-44.5%	291.48	-13.9%	251	452	-44.5%
30-Year UMBS TBA Futures - 2.5% Co	3	0	-	8.1	-57.4%	3	0	-

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Interest Rate Futures								
30-Year UMBS TBA Futures - 3.0% Co	12	0	-	7.52	62.2%	12	0	-
30-Year UMBS TBA Futures - 3.5% Co	9	0	-	16.48	-45.7%	9	0	-
30-Year UMBS TBA Futures - 4.0% Co	4	0	-	5.95	-40.4%	4	0	-
30-Year UMBS TBA Futures - 4.5% Co	6	0	-	18.19	-65.4%	6	0	-
30-Year UMBS TBA Futures - 5.0% Co	13	0	-	62.86	-80.1%	13	0	-
30-Year UMBS TBA Futures - 5.5% Co	14	0	-	2.86	398.8%	14	0	-
30-Year UMBS TBA Futures - 6.0% Co	6	0	-	0.29	2017.6%	6	0	-
30-YR BOND	320,736	387,618.95	-17.3%	265,454.71	20.8%	320,736	387,619	-17.3%
30-YR Eris LIBOR	0	0	-	0	-	0	0	-
30-YR MAC LIBOR	0	215.2	-100.0%	0	-	0	215	-100.0%
30Y YIELD	91	395.2	-76.9%	157.67	-42.2%	91	395	-76.9%
3-YR Eris BSBY	0	0	-	0	-	0	0	-
3-YR Eris LIBOR	113	1,803.35	-93.7%	1,079.05	-89.5%	113	1,803	-93.7%
3-YR Eris SOFR	414	123.05	236.6%	910.57	-54.5%	414	123	236.6%
3-YR NOTE	4,834	18,187.25	-73.4%	5,409.38	-10.6%	4,834	18,187	-73.4%
4-YR Eris LIBOR	31	958.25	-96.7%	30.24	3.0%	31	958	-96.7%
4-YR Eris SOFR	91	65	40.1%	171	-46.8%	91	65	40.1%
5-YR Eris LIBOR	427	5,127.5	-91.7%	1,608.05	-73.5%	427	5,128	-91.7%
5-YR Eris SOFR	74	71	3.8%	414.19	-82.2%	74	71	3.8%
5-YR MAC LIBOR	855	1,168.55	-26.8%	1,450.43	-41.1%	855	1,169	-26.8%
5-YR NOTE	1,013,075	1,130,021.7	-10.3%	796,239.86	27.2%	1,013,075	1,130,022	-10.3%
5Y YIELD	9	127.95	-92.7%	5.43	73.2%	9	128	-92.7%
7-YR Eris LIBOR	55	495.2	-88.8%	63.19	-12.3%	55	495	-88.8%
7-YR Eris SOFR	26	0	-	61.52	-58.6%	26	0	-
BSBY 3-MONTH FUTURES	162	5,990.8	-97.3%	449.19	-64.0%	162	5,991	-97.3%
ESTR Basis Spread Futures	77	0	-	40.9	88.2%	77	0	-
ESTR Futures	1,321	0	-	530.19	149.2%	1,321	0	-
EURODOLLARS	426,331	2,659,936.4	-84.0%	480,649.76	-11.3%	426,331	2,659,936	-84.0%
FED FUND	383,498	360,412.6	6.4%	229,271.86	67.3%	383,498	360,413	6.4%
FTIIE	7	6.65	5.3%	6.19	13.1%	7	7	5.3%
SOFR	2,603,799	731,125.95	256.1%	1,944,339.38	33.9%	2,603,799	731,126	256.1%
SONIA	2	17	-87.6%	97.9	-97.9%	2	17	-87.6%
Ultra 10-Year Note	345,857	384,951.65	-10.2%	281,391.48	22.9%	345,857	384,952	-10.2%
ULTRA T-BOND	179,117	181,558.75	-1.3%	169,476.24	5.7%	179,117	181,559	-1.3%

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	ADV JAN 2023	ADV JAN 2022	% CHG	ADV DEC 2022	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Interest Rate Options								
10-YR NOTE	689,301	723,244.05	-4.7%	617,821.43	11.6%	689,301	723,244	-4.7%
2-YR NOTE	12,386	1,482.85	735.3%	12,825.05	-3.4%	12,386	1,483	735.3%
30-YR BOND	115,158	123,902.55	-7.1%	93,919.05	22.6%	115,158	123,903	-7.1%
5-YR NOTE	211,690	247,229	-14.4%	155,130.62	36.5%	211,690	247,229	-14.4%
EURODOLLARS	136,288	924,448.85	-85.3%	376,608.14	-63.8%	136,288	924,449	-85.3%
EURO MIDCURVE	13,822	602,763	-97.7%	20,093.81	-31.2%	13,822	602,763	-97.7%
FED FUND	0	1.05	-100.0%	0	-	0	1	-100.0%
SOFR	1,497,517	8,150.4	18273.5%	618,646.14	142.1%	1,497,517	8,150	18273.5%
SOFR MIDCURVE	344,681	3,196.45	10683.2%	217,898.81	58.2%	344,681	3,196	10683.2%
SOFR MISCURVE	35	0	-	0	-	35	0	-
Ultra 10-Year Note	11	21.9	-50.0%	22.81	-52.0%	11	22	-50.0%
ULTRA T-BOND	39	113.65	-65.7%	53.76	-27.5%	39	114	-65.7%
Energy Futures								
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	58	90.5	-35.9%	92.86	-37.5%	58	91	-35.9%
ARGUS PROPAN FAR EST INDE	561	283.75	97.6%	328.43	70.7%	561	284	97.6%
ARGUS PROPAN(SAUDI ARAMCO	180	105.6	70.8%	91.62	96.8%	180	106	70.8%
BRENT BALMO SWAP	0	34.85	-100.0%	0	-	0	35	-100.0%
BRENT CALENDAR SWAP	785	843.6	-6.9%	477.14	64.5%	785	844	-6.9%
BRENT FINANCIAL FUTURES	7	0	-	11.43	-38.8%	7	0	-
BRENT OIL LAST DAY	57,697	88,739.95	-35.0%	54,388.14	6.1%	57,697	88,740	-35.0%
CAR VINTAGE	1,178	521.1	126.1%	796.62	47.9%	1,178	521	126.1%
CHICAGO ETHANOL SWAP	2,839	2,732.4	3.9%	2,105.43	34.8%	2,839	2,732	3.9%
CHICAGO ULSD PL VS HO SPR	18	27.5	-34.5%	15.71	14.5%	18	28	-34.5%
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-	0	0	-
CONWAY NATURAL GASOLINE (OPI	6	3.55	69.0%	6.24	-3.8%	6	4	69.0%
CONWAY NORMAL BUTANE (OPIS) S	10	16.2	-36.7%	24.81	-58.7%	10	16	-36.7%
CONWAY PROPANE 5 DECIMALS S	821	534.35	53.6%	1,313.24	-37.5%	821	534	53.6%
CRUDE OIL	0	0	-	0	-	0	0	-
CRUDE OIL LAST DAY	34	11.15	202.2%	195.14	-82.7%	34	11	202.2%
CRUDE OIL OUTRIGHTS	7,232	3,875.6	86.6%	3,646.9	98.3%	7,232	3,876	86.6%
CRUDE OIL PHY	900,356	1,079,827.1	-16.6%	792,793.62	13.6%	900,356	1,079,827	-16.6%
CRUDE OIL SPRDS	3,276	2,007.75	63.2%	2,201.33	48.8%	3,276	2,008	63.2%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
DAILY PJM	0	0	-	0	-	0	0	-
DATED TO FRONTLINE BRENT	0	60	-100.0%	0	-	0	60	-100.0%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL CALENDAR	0	50	-100.0%	0	-	0	50	-100.0%
DUTCH TTF NATURAL GAS CAL MO	7	230.7	-97.1%	0	-	7	231	-97.1%
EIA FLAT TAX ONHWAY DIESE	6	11.4	-45.6%	13.9	-55.4%	6	11	-45.6%
EMMISSIONS	117	0	-	54.48	115.4%	117	0	-
ETHANOL	0	0.5	-100.0%	0	-	0	1	-100.0%
ETHANOL SWAP	22	22.75	-3.3%	10.95	100.9%	22	23	-3.3%
ETHANOL T2 FOB ROTT INCL DUTY	222	184.75	20.0%	138.81	59.7%	222	185	20.0%
EURO GASOIL 10 CAL SWAP	0	0	-	0	-	0	0	-

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Energy Futures								
EURO GASOIL 10PPM VS ICE	0	15	-100.0%	0	-	0	15	-100.0%
EUROPE 1% FUEL OIL NWE CA	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL RDAM	0	13.55	-100.0%	0.14	-100.0%	0	14	-100.0%
EUROPEAN GASOIL (ICE)	5	50.15	-89.6%	0.29	1720.1%	5	50	-89.6%
EUROPEAN NAPHTHA BALMO	1	2.25	-77.8%	0.19	162.5%	1	2	-77.8%
EUROPEAN NAPHTHA CRACK SPR	61	202.45	-69.9%	29.29	108.0%	61	202	-69.9%
EUROPE DATED BRENT SWAP	0	0	-	0	-	0	0	-
EUROPE NAPHTHA CALSWAP	61	69.35	-12.0%	36.52	67.2%	61	69	-12.0%
EURO PROPANE CIF ARA SWA	109	80.75	35.3%	69.33	57.6%	109	81	35.3%
FREIGHT MARKETS	41	26.75	51.4%	0.33	12051.2%	41	27	51.4%
FUEL OIL CRACK VS ICE	0	18.1	-100.0%	0	-	0	18	-100.0%
FUEL OIL NWE CRACK VS ICE	0	2.4	-100.0%	0	-	0	2	-100.0%
FUELOIL SWAP:CARGOES VS.B	0	0	-	0	-	0	0	-
GAS EURO-BOB OXY NWE BARGES	2	12.9	-84.9%	3.05	-36.0%	2	13	-84.9%
GAS EURO-BOB OXY NWE BARGES	112	197.35	-43.2%	39.48	183.8%	112	197	-43.2%
GASOIL 0.1CIF MED VS ICE	0	0	-	0	-	0	0	-
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0	-	0	0	-
GASOIL 0.1 ROTTERDAM BARG	0	0	-	0	-	0	0	-
GASOIL 10PPM VS ICE SWAP	0	0	-	0	-	0	0	-
GASOIL CALENDAR SWAP	0	9	-96.7%	0	-	0	9	-96.7%
GASOIL CRACK SPREAD CALEN	0	83.5	-100.0%	0	-	0	84	-100.0%
GASOIL MINI CALENDAR SWAP	16	16.65	-2.4%	1.9	753.1%	16	17	-2.4%
GERMAN POWER BASELOAD CAL M	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	152	176	-13.6%	163.1	-6.8%	152	176	-13.6%
GRP THREE UNL GS (PLT) VS	205	134.25	52.7%	191.67	7.0%	205	134	52.7%
GULF COAST 3% FUEL OIL BA	0	0	-	0.48	-100.0%	0	0	-
GULF COAST JET VS NYM 2 H	387	1,320.5	-70.7%	236.14	64.0%	387	1,321	-70.7%
GULF COAST NO.6 FUEL OIL	1,029	738.75	39.3%	736.67	39.7%	1,029	739	39.3%
GULF COAST ULSD CALENDAR	10	11.15	-14.8%	14.38	-33.9%	10	11	-14.8%
GULF COAST ULSD CRACK SPR	0	0	-	0	-	0	0	-
HEATING OIL BALMO CLNDR S	37	52.65	-29.8%	8.43	338.4%	37	53	-29.8%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	0	-
HEATING OIL PHY	169,564	221,863.3	-23.6%	139,268.05	21.8%	169,564	221,863	-23.6%
HENRY HUB SWAP	1,738	1,185.15	46.7%	1,715.62	1.3%	1,738	1,185	46.7%
HTG OIL	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	0	35.5	-100.0%	0	-	0	36	-100.0%
INDONESIAN COAL ICI4	0	0	-	0	-	0	0	-
JAPAN C&F NAPHTHA CRACK S	0	0	-	0	-	0	0	-
JAPAN C&F NAPHTHA SWAP	5	3	75.0%	6	-12.5%	5	3	75.0%
JAPAN NAPHTHA BALMO SWAP	0	0	-	0.38	-47.5%	0	0	-
JET CIF NWE VS ICE	3	18.3	-84.4%	4.29	-33.5%	3	18	-84.4%
JET FUEL UP-DOWN BALMO CL	59	116	-48.9%	62.14	-4.6%	59	116	-48.9%
JKM LNG Futures	0	0	-	0	-	0	0	-
LA CARB DIESEL (OPIS) SWA	43	59.55	-28.2%	3.57	1097.0%	43	60	-28.2%
LA CARBOB GASOLINE(OPIS)S	11	0	-	0	-	11	0	-
LA JET (OPIS) SWAP	30	51.25	-41.0%	35.71	-15.3%	30	51	-41.0%
LLS (ARGUS) VS WTI SWAP	0	0	-	7.62	-100.0%	0	0	-
LTD NAT GAS	20,014	18,666.55	7.2%	23,247.67	-13.9%	20,014	18,667	7.2%

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	ADV JAN 2023	ADV JAN 2022	% CHG	ADV DEC 2022	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Energy Futures								
MARS (ARGUS) VS WTI SWAP	0	35	-100.0%	0	-	0	35	-100.0%
MARS (ARGUS) VS WTI TRD M	1,659	869.25	90.8%	507.48	226.8%	1,659	869	90.8%
MCCLOSKEY ARA ARGS COAL	41	267.25	-84.7%	52.71	-22.2%	41	267	-84.7%
MCCLOSKEY RCH BAY COAL	0	24.7	-100.0%	0.95	-100.0%	0	25	-100.0%
MINI GAS EUROBOB OXY NWE ARG	1	1.25	-60.0%	0	-	1	1	-60.0%
MINI RBOB V. EBOBARG NWE BRGS	0	0	-	0	-	0	0	-
MINI RBOB V. EBOB(ARGUS) NWE B	10	21.3	-54.2%	18.95	-48.6%	10	21	-54.2%
MINY HTG OIL	1	0.3	116.7%	0.38	70.6%	1	0	116.7%
MINY NATURAL GAS	21,655	10,015.7	116.2%	18,170	19.2%	21,655	10,016	116.2%
MINY RBOB GAS	1	0.45	77.8%	0.29	180.0%	1	0	77.8%
MINY WTI CRUDE OIL	17,124	21,887.5	-21.8%	18,408.57	-7.0%	17,124	21,888	-21.8%
MJC FUT	0	0	-	0	-	0	0	-
MNC FUT	64	91.05	-30.1%	66.67	-4.5%	64	91	-30.1%
MONT BELVIEU ETHANE 5 DECIMAL	2,416	1,909.95	26.5%	1,344.43	79.7%	2,416	1,910	26.5%
MONT BELVIEU ETHANE OPIS BALM	108	60.1	79.3%	35.95	199.7%	108	60	79.3%
MONT BELVIEU LDH PROPANE 5 DE	12,863	8,741	47.2%	10,558.9	21.8%	12,863	8,741	47.2%
MONT BELVIEU LDH PROPANE OPIS	113	208.75	-45.9%	157.67	-28.4%	113	209	-45.9%
MONT BELVIEU NATURAL GASOLIN	874	848.15	3.0%	1,463.29	-40.3%	874	848	3.0%
MONT BELVIEU NATURAL GASOLIN	79	52.75	49.4%	83.57	-5.7%	79	53	49.4%
MONT BELVIEU NORMAL BUTANE 5	3,159	2,343	34.8%	2,528.76	24.9%	3,159	2,343	34.8%
MONT BELVIEU NORMAL BUTANE B	70	110.35	-36.7%	80.86	-13.6%	70	110	-36.7%
NATURAL GAS	9,163	8,808.95	4.0%	6,793.86	34.9%	9,163	8,809	4.0%
NATURAL GAS PEN SWP	1,322	2,156.7	-38.7%	1,623.43	-18.6%	1,322	2,157	-38.7%
NATURAL GAS PHY	390,856	405,634.1	-3.6%	349,649.24	11.8%	390,856	405,634	-3.6%
NEPOOL INTR HUB 5MW D AH	0	0	-	0	-	0	0	-
NEW ENGLAND HUB PEAK DAIL	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	22	15	45.0%	14.05	54.8%	22	15	45.0%
NEW YORK HUB ZONE G PEAK	0	0	-	0	-	0	0	-
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	43	52.75	-19.2%	94.48	-54.9%	43	53	-19.2%
NY HARBOR LOW SULPUR GAS 100C	0	0	-	0	-	0	0	-
NY HARBOR RESIDUAL FUEL 1	9	7.5	16.7%	6.19	41.3%	9	8	16.7%
NYH NO 2 CRACK SPREAD CAL	40	45.75	-12.0%	15.71	156.1%	40	46	-12.0%
NYISO ZONE G 5MW D AH PK	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	16	42.5	-62.9%	40.24	-60.9%	16	43	-62.9%
PETROCHEMICALS	250	197.5	26.5%	151.33	65.0%	250	198	26.5%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	965	1,470.65	-34.4%	748.14	29.0%	965	1,471	-34.4%
PETRO CRK&SPRD EURO	26	69.95	-63.0%	16.14	60.1%	26	70	-63.0%
PETROLEUM PRODUCTS	109	187.45	-41.7%	56.29	94.2%	109	187	-41.7%
PETROLEUM PRODUCTS ASIA	21	58.25	-63.6%	24.86	-14.7%	21	58	-63.6%
PETRO OUTRIGHT EURO	495	515.8	-4.1%	316.91	56.1%	495	516	-4.1%
PETRO OUTRIGHT NA	124	288.1	-57.0%	187.38	-34.0%	124	288	-57.0%
PJM AD HUB 5MW REAL TIME	0	0	-	0	-	0	0	-
PJM DAILY	0	0	-	0	-	0	0	-
PJM NI HUB 5MW REAL TIME	0	0	-	0	-	0	0	-
PJM WESTH RT OFF-PEAK	0	0	-	0	-	0	0	-

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Energy Futures								
PJM WESTH RT PEAK	0	0	-	0	-	0	0	-
PLASTICS	53	54.35	-2.2%	26.86	97.9%	53	54	-2.2%
PREMIUM UNLD 10P FOB MED	0	0	-	0	-	0	0	-
PROPANE NON-LDH MB (OPIS) BAL	53	99.45	-46.5%	95.1	-44.0%	53	99	-46.5%
PROPANE NON-LDH MT. BEL (OPIS)	913	791	15.4%	1,081.67	-15.6%	913	791	15.4%
RBOB CALENDAR SWAP	411	327.65	25.4%	196.48	109.2%	411	328	25.4%
RBOB CRACK SPREAD	58	147	-60.5%	2.86	1930.0%	58	147	-60.5%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-	0	0	-
RBOB GAS	0	0	-	0	-	0	0	-
RBOB GASOLINE BALMO CLNDR	77	118.7	-34.9%	14.38	437.2%	77	119	-34.9%
RBOB PHY	158,993	187,391.55	-15.2%	133,305.52	19.3%	158,993	187,392	-15.2%
RBOB VS HEATING OIL SWAP	2	15.75	-90.5%	0	-	2	16	-90.5%
SINGAPORE 180CST BALMO	0	0	-	0	-	0	0	-
SINGAPORE 380CST BALMO	0	0	-	0	-	0	0	-
SINGAPORE 380CST FUEL OIL	5	20.8	-74.5%	2.48	114.0%	5	21	-74.5%
SINGAPORE FUEL 180CST CAL	0	0	-	0.57	-100.0%	0	0	-
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL SPREAD	1	0	-	0	-	1	0	-
SINGAPORE GASOIL	25	42	-41.2%	23.67	4.4%	25	42	-41.2%
SINGAPORE GASOIL CALENDAR	1	12.25	-91.8%	1.62	-38.2%	1	12	-91.8%
SINGAPORE GASOIL SWAP	57	36.1	57.9%	0	-	57	36	57.9%
SINGAPORE GASOIL VS ICE	0	92.85	-100.0%	0	-	0	93	-100.0%
SINGAPORE JET KERO GASOIL	0	82.95	-100.0%	0	-	0	83	-100.0%
SINGAPORE JET KEROSENE SW	0	5	-100.0%	0	-	0	5	-100.0%
SINGAPORE MOGAS 92 UNLEADED	0	0	-	0	-	0	0	-
SINGAPORE MOGAS 92 UNLEADED	1	15	-91.7%	2.38	-47.5%	1	15	-91.7%
TC2 ROTTERDAM TO USAC 37K	0	5.2	-100.0%	0	-	0	5	-100.0%
TC5 RAS TANURA TO YOKOHAM	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	0	208.75	-100.0%	0	-	0	209	-100.0%
ULSD UP-DOWN BALMO SWP	389	373.75	4.2%	209.52	85.9%	389	374	4.2%
UP DOWN GC ULSD VS NMX HO	1,201	2,271.95	-47.1%	1,132.81	6.1%	1,201	2,272	-47.1%
WTI-BRENT CALENDAR SWAP	2,145	2,586.8	-17.1%	1,948.57	10.1%	2,145	2,587	-17.1%
WTI CALENDAR	3,217	3,127.6	2.9%	2,450.67	31.3%	3,217	3,128	2.9%
WTI MIDLAND CRUDE OIL	0	0	-	0	-	0	0	-
WTS (ARGUS) VS WTI SWAP	5	52.5	-90.0%	25.71	-79.6%	5	53	-90.0%
WTS (ARGUS) VS WTI TRD MT	2	128.25	-98.2%	4.76	-52.7%	2	128	-98.2%

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Energy Options								
BRENT CALENDAR SWAP	9	114.85	-92.2%	47.14	-80.9%	9	115	-92.2%
BRENT CRUDE OIL 1 M CSO	0	10	-100.0%	714.29	-100.0%	0	10	-100.0%
BRENT OIL LAST DAY	1,058	1,498.5	-29.4%	364.29	190.3%	1,058	1,499	-29.4%
COAL API2 INDEX	1	2	-62.5%	2.38	-68.5%	1	2	-62.5%
CRUDE OIL 1MO	2,683	5,162.35	-48.0%	1,521.43	76.3%	2,683	5,162	-48.0%
CRUDE OIL APO	1,222	1,790.45	-31.8%	943.62	29.5%	1,222	1,790	-31.8%
CRUDE OIL OUTRIGHTS	218	0	-	528.67	-58.8%	218	0	-
CRUDE OIL PHY	101,702	136,991.5	-25.8%	90,036.62	13.0%	101,702	136,992	-25.8%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ETHANOL SWAP	132	122.6	7.7%	40.71	224.2%	132	123	7.7%
FREIGHT MARKETS	0	0	-	0	-	0	0	-
HEATING OIL CRK SPD AVG PRICE	0	0	-	0	-	0	0	-
HEATING OIL PHY	716	1,003.15	-28.6%	744.05	-3.8%	716	1,003	-28.6%
HENRY HUB FINANCIAL LAST	1,062	480.85	120.9%	1,084.14	-2.0%	1,062	481	120.9%
HO 1 MONTH CLNDR OPTIONS	45	22.5	100.0%	121.43	-62.9%	45	23	100.0%
LLS CRUDE OIL	90	60	50.0%	0	-	90	60	50.0%
MCCLOSKEY ARA ARGS COAL	0	0	-	0	-	0	0	-
NATURAL GAS	0	9.5	-100.0%	0	-	0	10	-100.0%
NATURAL GAS 1 M CSO FIN	5,838	8,214.1	-28.9%	6,521.9	-10.5%	5,838	8,214	-28.9%
NATURAL GAS 2 M CSO FIN	0	0	-	0	-	0	0	-
NATURAL GAS 3 M CSO FIN	285	1,075	-73.5%	30.95	820.8%	285	1,075	-73.5%
NATURAL GAS 5 M CSO FIN	0	150	-100.0%	0	-	0	150	-100.0%
NATURAL GAS 6 M CSO FIN	1,249	915	36.5%	488.1	155.8%	1,249	915	36.5%
NATURAL GAS OPT	0	0	-	0	-	0	0	-
NATURAL GAS OPTION ON CALEND	0	30	-100.0%	0	-	0	30	-100.0%
NATURAL GAS PHY	110,557	99,469.2	11.1%	101,047.29	9.4%	110,557	99,469	11.1%
NY HARBOR HEAT OIL SWP	50	88.85	-43.5%	133.62	-62.4%	50	89	-43.5%
PETROCHEMICALS	14	0	-	42.86	-68.5%	14	0	-
PETRO OUTRIGHT NA	0	12.75	-100.0%	0	-	0	13	-100.0%
PJM WES HUB PEAK CAL MTH	0	0	-	0	-	0	0	-
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-	0	0	-
RBOB CALENDAR SWAP	0	0	-	0	-	0	0	-
RBOB PHY	61	237.5	-74.5%	52.81	14.8%	61	238	-74.5%
SHORT TERM	13	10	25.0%	9.52	31.3%	13	10	25.0%
SHORT TERM NATURAL GAS	45	20	125.0%	23.81	89.0%	45	20	125.0%
WTI-BRENT BULLET SWAP	981	1,740	-43.6%	464.29	111.3%	981	1,740	-43.6%
WTI CRUDE OIL 1 M CSO FI	2,215	1,609.75	37.6%	5,265.48	-57.9%	2,215	1,610	37.6%

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Metals Futures								
ALUMINUM	4,346	1,277.5	240.2%	3,193.24	36.1%	4,346	1,278	240.2%
COBALT METAL FUTURES	256	14.7	1643.9%	149	72.0%	256	15	1643.9%
COMEX COPPER	99,322	83,906.55	18.4%	61,222.95	62.2%	99,322	83,907	18.4%
COMEX E-Mini GOLD	2,215	1,495.3	48.1%	1,255.81	76.4%	2,215	1,495	48.1%
COMEX E-Mini SILVER	372	201.6	84.4%	202.48	83.6%	372	202	84.4%
COMEX GOLD	264,463	293,016.9	-9.7%	154,995.52	70.6%	264,463	293,017	-9.7%
COMEX MINY COPPER	212	155.3	36.4%	100.52	110.7%	212	155	36.4%
COMEX SILVER	68,302	64,459.25	6.0%	53,510.9	27.6%	68,302	64,459	6.0%
COPPER	5,624	96.85	5707.0%	2,765.29	103.4%	5,624	97	5707.0%
FERROUS PRODUCTS	67	222.8	-69.8%	186.76	-63.9%	67	223	-69.8%
GOLD	0	535.4	-99.9%	10.43	-97.1%	0	535	-99.9%
HOT ROLLED COIL STEEL FUTURES	515	54.85	838.3%	236.57	117.5%	515	55	838.3%
IRON ORE CHINA	21	102.65	-80.0%	35.24	-41.8%	21	103	-80.0%
METALS	4	45	-91.0%	15.43	-73.8%	4	45	-91.0%
MICRO GOLD	62,638	42,597.95	47.0%	39,961	56.7%	62,638	42,598	47.0%
NYMEX HOT ROLLED STEEL	1,349	1,408.3	-4.2%	946.14	42.6%	1,349	1,408	-4.2%
NYMEX PLATINUM	19,402	17,981.55	7.9%	25,803.81	-24.8%	19,402	17,982	7.9%
PALLADIUM	2,212	2,237.1	-1.1%	2,043.62	8.3%	2,212	2,237	-1.1%
SILVER	11,424	6,975.35	63.8%	8,575.14	33.2%	11,424	6,975	63.8%
URANIUM	0	0	-	0	-	0	0	-
Metals Options								
ALUMINUM	31	0	-	21.9	39.2%	31	0	-
COMEX COPPER	9,769	2,526.45	286.7%	4,404.14	121.8%	9,769	2,526	286.7%
COMEX GOLD	47,409	40,291.85	17.7%	27,465.86	72.6%	47,409	40,292	17.7%
COMEX SILVER	7,935	5,223.25	51.9%	6,948.48	14.2%	7,935	5,223	51.9%
COPPER	385	8.05	4680.1%	313.86	22.6%	385	8	4680.1%
GOLD	14,167	8,120.85	74.4%	12,977.19	9.2%	14,167	8,121	74.4%
IRON ORE CHINA	0	0	-	0	-	0	0	-
NYMEX HOT ROLLED STEEL	193	134	43.7%	34.52	457.6%	193	134	43.7%
NYMEX PLATINUM	113	564.7	-79.9%	40.33	181.3%	113	565	-79.9%
PALLADIUM	26	0.45	5688.9%	5.81	348.4%	26	0	5688.9%
SILVER	2,079	1,321.85	57.3%	1,879.62	10.6%	2,079	1,322	57.3%
Foreign Exchange Futures								
CHILEAN PESO	0	0	-	0	-	0	0	-

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Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS - WK	24	11.9	101.3%	0.38	6186.1%	24	12	101.3%
OTC AUDUSD SUB	47	0	-	33.9	37.7%	47	0	-
OTC EURUSD SUB	51	0	-	46.38	10.6%	51	0	-
OTC GBPUSD SUB	82	0	-	37.05	120.5%	82	0	-
OTC USDCAD SUB	28	0	-	1.14	2306.6%	28	0	-
OTC USDJPY SUB	43	0	-	7.38	480.6%	43	0	-
Ags Futures								
FERTILIZER PRODUCTS	98	166.6	-41.3%	64.76	51.1%	98	167	-41.3%

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	ADV JAN 2023	ADV JAN 2022	% CHG	ADV DEC 2022	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Ag Products Futures								
BLOCK CHEESE	9	50.25	-83.0%	11.33	-24.6%	9	50	-83.0%
BUTTER CS	167	366.6	-54.5%	182.05	-8.4%	167	367	-54.5%
CASH-SETTLED CHEESE	581	673.5	-13.8%	612.14	-5.1%	581	674	-13.8%
CATTLE	71,841	71,042.7	1.1%	42,654.95	68.4%	71,841	71,043	1.1%
CDD SEASONAL STRIP	0	0	-	0	-	0	0	-
CDD WEATHER	0	0	-	0	-	0	0	-
CHI WHEAT	79,206	97,306.3	-18.6%	65,308.14	21.3%	79,206	97,306	-18.6%
CLASS IV MILK	52	226.35	-77.2%	71.29	-27.5%	52	226	-77.2%
CORN	284,067	317,004.7	-10.4%	191,980.19	48.0%	284,067	317,005	-10.4%
DJ_UBS ROLL SELECT INDEX FUTU	127	13.95	808.2%	1,328.24	-90.5%	127	14	808.2%
DOW-UBS COMMOD INDEX	1,930	2,775.55	-30.5%	6,211.9	-68.9%	1,930	2,776	-30.5%
DRY WHEY	47	54.6	-14.7%	84.71	-45.1%	47	55	-14.7%
FEEDER CATTLE	13,618	12,025.2	13.2%	12,097.86	12.6%	13,618	12,025	13.2%
GOLDMAN SACHS	134	171.85	-21.9%	128.62	4.3%	134	172	-21.9%
GSCI EXCESS RETURN FUT	41	160.9	-74.3%	4,774.29	-99.1%	41	161	-74.3%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	43	195	-78.2%	833.33	-94.9%	43	195	-78.2%
HDD WEATHER EUROPEAN	375	87.5	328.6%	52.38	615.9%	375	88	328.6%
HOGS	50,795	55,759.4	-8.9%	38,201.05	33.0%	50,795	55,759	-8.9%
HOUSING INDEX	1	0.85	-29.4%	0.57	5.0%	1	1	-29.4%
KC WHEAT	37,403	48,425.95	-22.8%	23,717.05	57.7%	37,403	48,426	-22.8%
LUMBER	624	416.7	49.8%	624.52	0.0%	624	417	49.8%
MALAYSIAN PALM SWAP	0	0	-	0	-	0	0	-
MILK	1,382	1,743.3	-20.7%	1,328.71	4.0%	1,382	1,743	-20.7%
MINI CORN	1,107	2,413.35	-54.1%	1,216.86	-9.0%	1,107	2,413	-54.1%
MINI SOYBEAN	1,726	2,963	-41.8%	2,205.86	-21.8%	1,726	2,963	-41.8%
MINI WHEAT	847	1,112.9	-23.9%	853.81	-0.9%	847	1,113	-23.9%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	340	404.4	-15.8%	202.05	68.5%	340	404	-15.8%
OATS	424	524	-19.1%	396.76	6.8%	424	524	-19.1%
OTC SP GSCI ER SWAP	25	0	-	0	-	25	0	-
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	0	-
PORK CUTOUT	52	121.75	-57.0%	60.71	-13.8%	52	122	-57.0%
ROUGH RICE	556	658.2	-15.6%	1,444.38	-61.5%	556	658	-15.6%
SOYBEAN	206,994	213,128.65	-2.9%	224,197.43	-7.7%	206,994	213,129	-2.9%
SOYBEAN MEAL	112,273	113,656.65	-1.2%	132,741.43	-15.4%	112,273	113,657	-1.2%
SOYBEAN OIL	115,502	113,059.3	2.2%	153,922.19	-25.0%	115,502	113,059	2.2%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	0	0	-
USD CRUDE PALM OIL	1,353	983	37.7%	752.48	79.9%	1,353	983	37.7%
WHEAT	68	1,113.85	-93.9%	4.76	1317.5%	68	1,114	-93.9%
Ag Products Options								
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
BLOCK CHEESE	1	15	-91.0%	5.9	-77.1%	1	15	-91.0%
BUTTER CS	73	131.1	-44.0%	104.81	-29.9%	73	131	-44.0%
CASH-SETTLED CHEESE	281	689.6	-59.3%	181.05	55.0%	281	690	-59.3%

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	ADV JAN 2023	ADV JAN 2022	% CHG	ADV DEC 2022	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Ag Products Options								
CATTLE	10,515	8,725.85	20.5%	11,471.24	-8.3%	10,515	8,726	20.5%
CDD SEASONAL STRIP	0	0	-	0	-	0	0	-
CDD WEATHER	0	0	-	0	-	0	0	-
CHI WHEAT	21,088	33,598.85	-37.2%	18,092.52	16.6%	21,088	33,599	-37.2%
CLASS IV MILK	368	372.55	-1.2%	237.52	55.0%	368	373	-1.2%
CORN	87,113	104,595.75	-16.7%	55,862.95	55.9%	87,113	104,596	-16.7%
CORN NEARBY+2 CAL SPRD	821	1,823	-55.0%	68.81	1093.0%	821	1,823	-55.0%
DEC-JULY CORN CAL SPRD	0	0	-	0	-	0	0	-
DRY WHEY	1	0	-	2.38	-51.7%	1	0	-
FEEDER CATTLE	2,525	1,430.35	76.5%	1,351.29	86.8%	2,525	1,430	76.5%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	910	90	911.1%	285.71	218.5%	910	90	911.1%
HDD WEATHER EUROPEAN	500	0	-	0	-	500	0	-
HOGS	13,140	11,279.5	16.5%	10,462.57	25.6%	13,140	11,280	16.5%
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
JULY-DEC CORN CAL SPRD	327	444.05	-26.3%	506.57	-35.4%	327	444	-26.3%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-	0	0	-
JULY-DEC SOY OIL CAL SPRD	83	0	-	23.81	246.5%	83	0	-
JULY-DEC WHEAT CAL SPRD	0	0	-	0	-	0	0	-
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-	0	0	-
JULY-NOV SOYBEAN CAL SPRD	569	289.6	96.3%	108.76	422.7%	569	290	96.3%
KC WHEAT	2,471	5,789.8	-57.3%	1,693.38	45.9%	2,471	5,790	-57.3%
LUMBER	17	37.75	-56.0%	5.14	222.8%	17	38	-56.0%
LV CATL CSO	1	0	-	0	-	1	0	-
MAR-JULY CORN CAL SPRD	293	306.25	-4.3%	279.76	4.7%	293	306	-4.3%
MAR-JULY SOYBEAN CAL SPRD	2	0	-	33.33	-95.5%	2	0	-
MAR-JULY WHEAT CAL SPRD	0	7.5	-100.0%	0	-	0	8	-100.0%
MILK	1,151	1,106.6	4.0%	1,006.48	14.4%	1,151	1,107	4.0%
MLK MID OPTIONS	0	0.1	50.0%	0.05	215.1%	0	0	50.0%
NFD MILK	253	297	-14.7%	133.71	89.4%	253	297	-14.7%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
OATS	7	9.8	-30.6%	3.67	85.5%	7	10	-30.6%
PORK CUTOOT	0	0	-	0	-	0	0	-
ROUGH RICE	64	20.35	213.0%	112.14	-43.2%	64	20	213.0%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-	0	0	-
SOYBEAN	56,298	85,583.6	-34.2%	37,492.38	50.2%	56,298	85,584	-34.2%
SOYBEAN CRUSH	0	1.05	-76.2%	0	-	0	1	-76.2%
SOYBEAN MEAL	15,966	13,952.3	14.4%	14,187.57	12.5%	15,966	13,952	14.4%
SOYBEAN OIL	9,072	12,905.05	-29.7%	15,640.67	-42.0%	9,072	12,905	-29.7%
SOYBN NEARBY+2 CAL SPRD	197	0	-	13.57	1349.7%	197	0	-
SOYMEAL NEARBY+2 CAL SPRD	60	0	-	0	-	60	0	-
SOY OIL NEARBY+2 CAL SPRD	1	0	-	0	-	1	0	-
WHEAT	50	15.5	221.6%	52.9	-5.8%	50	16	221.6%
WHEAT-CORN IC50	0	1	-100.0%	0	-	0	1	-100.0%
WHEAT NEARBY+2 CAL SPRD	99	5.05	1853.5%	55.76	76.9%	99	5	1853.5%

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	ADV JAN 2023	ADV JAN 2022	% CHG	ADV DEC 2022	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	7,322,991	8,195,307.75	-10.6%	5,799,355.9	26.3%	7,322,991	8,195,308	-10.6%
Equity Index Futures	5,475,454	7,378,423.75	-25.8%	5,786,418.86	-5.4%	5,475,454	7,378,424	-25.8%
Metals Futures	542,743	516,784.9	5.0%	355,209.86	52.8%	542,743	516,785	5.0%
Energy Futures	1,800,433	2,090,493.05	-13.9%	1,578,332.52	14.1%	1,800,433	2,090,493	-13.9%
FX Futures	772,282	734,704.4	5.1%	1,011,483.67	-23.6%	772,282	734,704	5.1%
Foreign Exchange Futures	0	0	-	0	-	0	0	-
Ags Futures	98	166.6	-41.3%	64.76	51.1%	98	167	-41.3%
Ag Products Futures	983,706	1,058,640.2	-7.1%	908,202.05	8.3%	983,706	1,058,640	-7.1%
TOTAL FUTURES	16,897,708	19,974,520.65	-15.4%	15,439,067.62	9.4%	16,897,708.1	19,974,520.65	-15.4%
TOTAL OPTIONS GROUP								
Interest Rate Options	3,020,928	2,634,553.75	14.7%	2,113,019.62	43.0%	3,020,928	2,634,554	14.7%
Equity Index Options	1,213,981	1,350,749.25	-10.1%	1,175,436.91	3.3%	1,213,981	1,350,749	-10.1%
Metals Options	82,107	58,191.45	41.1%	54,091.71	51.8%	82,107	58,191	41.1%
Energy Options	230,243	260,840.4	-11.7%	210,229.38	9.5%	230,243	260,840	-11.7%
FX Options	34,257	44,174.4	-22.5%	34,292.33	-0.1%	34,257	44,174	-22.5%
Ag Products Options	224,316	283,523.9	-20.9%	169,476.43	32.4%	224,316	283,524	-20.9%
Foreign Exchange Options	274	11.9	2202.5%	126.24	117.1%	274	12	2202.5%
TOTAL OPTIONS	4,806,105	4,632,045.05	3.8%	3,756,672.62	27.9%	4,806,105.35	4,632,045.05	3.8%
TOTAL COMBINED								
FX	806,539	778,878.8	3.6%	1,045,776	-22.9%	806,539	778,879	3.6%
Equity Index	6,689,435	8,729,173	-23.4%	6,961,855.76	-3.9%	6,689,435	8,729,173	-23.4%
Interest Rate	10,343,919	10,829,861.5	-4.5%	7,912,375.52	30.7%	10,343,919	10,829,862	-4.5%
Energy	2,030,676	2,351,333.45	-13.6%	1,788,561.91	13.5%	2,030,676	2,351,333	-13.6%
Metals	624,850	574,976.35	8.7%	409,301.57	52.7%	624,850	574,976	8.7%
Foreign Exchange	274	11.9	2203.8%	126.24	117.2%	274	12	2203.8%
Ags	98	166.6	-41.3%	64.76	51.1%	98	167	-41.3%
Ag Products	1,208,022	1,342,164.1	-10.0%	1,077,678.48	12.1%	1,208,022	1,342,164	-10.0%
GRAND TOTAL	21,703,813	24,606,565.7	-11.8%	19,195,740.24	13.1%	21,703,813.45	24,606,565.7	-11.8%

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