

CME Group Exchange ADV Report - Monthly

December 2022

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	ADV DEC 2022	ADV DEC 2021	% CHG	ADV NOV 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
FX Futures								
AD/CD CROSS RATES	7	3.36	96.8%	10.33	-35.9%	4	1	228.6%
AD/JY CROSS RATES	127	176.5	-28.3%	124.05	2.1%	210	120	75.0%
AD/NE CROSS RATES	376	15.86	2273.2%	85.29	341.4%	282	16	1664.6%
AUSTRALIAN DOLLAR	97,167	96,015.27	1.2%	101,890.1	-4.6%	101,577	97,582	4.1%
BP/JY CROSS RATES	414	192.09	115.4%	129.71	219.0%	259	137	88.7%
BP/SF CROSS RATES	199	263.95	-24.7%	58.62	239.2%	144	71	104.1%
BRAZIL REAL	12,740	12,268.64	3.8%	17,908	-28.9%	15,375	11,953	28.6%
BRITISH POUND	114,803	112,724.64	1.8%	113,738.9	0.9%	124,444	96,214	29.3%
CANADIAN DOLLAR	90,453	86,174.91	5.0%	85,305	6.0%	90,708	79,772	13.7%
CD/JY CROSS RATES	4	2.36	63.2%	1.38	179.3%	3	13	-76.0%
CHINESE RENMINBI (CNH)	1,916	994.64	92.6%	2,139.57	-10.4%	1,531	806	90.0%
CZECK KORUNA (EC)	0	0	-	0	-	0	0	415.1%
CZECK KORUNA (US)	9	0	-	7.9	10.2%	3	0	6981.1%
EC/AD CROSS RATES	407	385.32	5.7%	181.1	124.8%	283	252	12.3%
EC/CD CROSS RATES	860	869.82	-1.1%	206.67	316.1%	428	374	14.4%
EC/NOK CROSS RATES	86	52.77	63.5%	47.86	80.3%	105	41	158.1%
EC/SEK CROSS RATES	352	119.18	195.1%	72.24	386.9%	169	37	355.4%
EFX/BP CROSS RATES	6,665	5,843.77	14.0%	3,190.76	108.9%	4,743	2,978	59.3%
EFX/JY CROSS RATES	3,893	4,650.95	-16.3%	1,245.76	212.5%	2,760	2,358	17.0%
EFX/SF CROSS RATES	2,073	3,104.86	-33.2%	675.62	206.8%	1,923	1,384	39.0%
E-MICRO USD/CAD	8	40.91	-81.5%	3.62	109.2%	8	12	-32.7%
E-MICRO USD/CHF	5	5.05	1.9%	1.29	300.0%	3	1	261.1%
E-MICRO USD/JPY	88	165.36	-46.8%	57.14	53.8%	614	46	1235.6%
E-MINI EURO FX	9,641	6,076.91	58.7%	8,894	8.4%	7,612	5,706	33.4%
E-MINI JAPANESE YEN	596	235.64	152.8%	474.29	25.6%	574	422	35.9%
EURO FX	292,150	232,897.91	25.4%	223,204.05	30.9%	245,150	195,240	25.6%
HUNGARIAN FORINT (EC)	0	0	-	0	-	0	0	-7.1%
HUNGARIAN FORINT (US)	0	0.45	-26.7%	0.29	16.7%	0	1	-70.5%
INDIAN RUPEE	1,459	853.91	70.9%	1,586.95	-8.0%	1,331	714	86.5%
JAPANESE YEN	168,745	108,070.91	56.1%	144,688.29	16.6%	157,650	107,544	46.6%
KOREAN WON	9	66.86	-86.2%	16	-42.3%	23	86	-73.6%
MEXICAN PESO	85,906	52,310.59	64.2%	58,177.1	47.7%	61,109	52,829	15.7%
MICRO AUD/USD	12,758	14,409.32	-11.5%	12,950.14	-1.5%	12,686	10,706	18.5%
MICRO CAD/USD	3,133	3,117.05	0.5%	3,828.57	-18.2%	3,027	2,727	11.0%
MICRO CHF/USD	830	371.5	123.3%	754.24	10.0%	826	419	97.0%
MICRO EUR/USD	39,901	26,111.23	52.8%	41,603.14	-4.1%	38,384	23,644	62.3%
MICRO GBP/USD	4,802	4,959.68	-3.2%	6,016.14	-20.2%	5,897	4,069	44.9%
MICRO INR/USD	36	32.23	10.4%	36.38	-2.2%	34	75	-54.8%
MICRO JPY/USD	0	2,170	-100.0%	0	-	405	1,905	-78.7%
MICRO USD/CNH	0	0	-	0	-	0	0	-94.4%
NEW ZEALND DOLLAR	31,543	24,999.55	26.2%	29,412.67	7.2%	31,390	27,908	12.5%
NKR/USD CROSS RATE	167	258.18	-35.5%	131.62	26.6%	170	259	-34.6%
POLISH ZLOTY (EC)	11	18.45	-39.4%	0.29	3816.9%	6	7	-20.4%
POLISH ZLOTY (US)	99	101.32	-2.7%	113.76	-13.4%	80	49	63.9%
RMB USD	0	0	-	0	-	0	0	904.2%
RUSSIAN RUBLE	0	10,443	-100.0%	0	-	2,340	6,020	-61.1%
S.AFRICAN RAND	4,354	4,388.73	-0.8%	3,351.95	29.9%	4,465	3,069	45.5%
SF/JY CROSS RATES	103	2.95	3397.5%	72.76	42.0%	58	3	2101.5%
SHEKEL	2	0.95	104.5%	0.29	583.4%	1	0	152.3%

*** 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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FX Futures								
SKR/USD CROSS RATES	664	284.73	133.1%	339.57	95.4%	389	277	40.4%
SWISS FRANC	21,923	23,458.32	-6.5%	21,545.24	1.8%	25,474	23,749	7.3%
TURKISH LIRA	3	7.95	-62.3%	2.33	28.6%	2	4	-46.0%
USDZAR	0	0.27	-100.0%	0	-	0	5	-97.6%
FX Options								
AUD/USD MONDAY OPTION WEEK1	3	9.5	-73.4%	4.24	-40.4%	8	27	-72.1%
AUD/USD MONDAY OPTION WEEK2	4	22.23	-80.5%	2.05	111.6%	14	20	-33.4%
AUD/USD MONDAY OPTION WEEK3	8	4.32	91.9%	19.86	-58.3%	12	19	-36.1%
AUD/USD MONDAY OPTION WEEK4	0	20.5	-97.9%	16.48	-97.4%	14	20	-27.6%
AUD/USD MONDAY OPTION WEEK5	0	0	-	0	-	5	9	-41.9%
AUD/USD MONTHLY OPTIONS	1,974	3,308.86	-40.3%	3,076.95	-35.8%	3,750	4,063	-7.7%
AUD/USD WKLY FRIDAY OPTIONS -	5	0	-	42.67	-87.3%	26	29	-9.9%
AUD/USD WKLY FRIDAY OPTIONS -	48	106.95	-55.2%	97.29	-50.8%	76	90	-16.2%
AUD/USD WKLY FRIDAY OPTIONS -	49	125.14	-61.2%	59.14	-18.0%	95	131	-27.4%
AUD/USD WKLY FRIDAY OPTIONS -	53	70.77	-25.0%	53.71	-1.2%	82	141	-42.0%
AUD/USD WKLY FRIDAY OPTIONS -	29	40.14	-28.3%	12	139.7%	27	40	-33.3%
AUD/USD WKLY WED OPTIONS - WK	5	14.95	-67.5%	2.38	104.0%	26	58	-54.9%
AUD/USD WKLY WED OPTIONS - WK	13	8.05	65.7%	47.76	-72.1%	24	34	-31.0%
AUD/USD WKLY WED OPTIONS - WK	30	21.09	40.2%	1.57	1781.9%	11	14	-21.7%
AUD/USD WKLY WED OPTIONS - WK	6	35.73	-82.4%	40.43	-84.5%	23	41	-44.7%
AUD/USD WKLY WED OPTIONS - WK	0	12.23	-100.0%	18.1	-100.0%	4	9	-57.3%
BRL/USD MONTHLY OPTIONS	2	48.55	-95.9%	11.1	-82.0%	13	20	-34.1%
CAD/USD MONDAY OPTIONS WEEK1	10	58	-83.0%	86.62	-88.6%	18	46	-60.7%
CAD/USD MONDAY OPTIONS WEEK2	57	71.36	-20.7%	37.9	49.2%	51	71	-29.2%
CAD/USD MONDAY OPTIONS WEEK3	10	17.91	-46.6%	66.81	-85.7%	46	44	5.6%
CAD/USD MONDAY OPTIONS WEEK4	0	17.23	-97.5%	9.05	-95.3%	29	92	-68.9%
CAD/USD MONDAY OPTIONS WEEK5	36	0.14	25943.8%	0	-	14	17	-19.2%
CAD/USD MONTHLY OPTIONS	2,920	4,884.5	-40.2%	5,131.95	-43.1%	4,308	3,903	10.4%
CAD/USD WKLY FRIDAY OPTIONS -	8	0	-	157.05	-94.9%	68	109	-38.1%
CAD/USD WKLY FRIDAY OPTIONS -	56	149	-62.3%	125.62	-55.3%	153	229	-33.1%
CAD/USD WKLY FRIDAY OPTIONS -	129	259.73	-50.5%	191.05	-32.7%	247	358	-31.1%
CAD/USD WKLY FRIDAY OPTIONS -	126	217.14	-42.1%	147.43	-14.7%	220	419	-47.5%
CAD/USD WKLY FRIDAY OPTIONS -	125	239.32	-47.7%	0.29	43685.5%	62	134	-53.7%
CAD/USD WKLY WED OPTIONS - WK	24	63.64	-62.5%	35.52	-32.8%	45	98	-53.6%
CAD/USD WKLY WED OPTIONS - WK	10	34.55	-69.9%	37.29	-72.2%	52	84	-38.2%
CAD/USD WKLY WED OPTIONS - WK	36	144.73	-74.8%	21.86	66.9%	63	123	-48.9%
CAD/USD WKLY WED OPTIONS - WK	19	88.27	-78.7%	38.57	-51.2%	68	116	-41.5%
CAD/USD WKLY WED OPTIONS - WK	0	29.77	-100.0%	49.43	-100.0%	22	40	-45.7%
CHF/USD MONTHLY OPTIONS	194	984.59	-80.3%	226.48	-14.2%	264	328	-19.5%
CHF/USD WKLY FRIDAY OPTIONS -	0	0	-	7.9	-97.0%	5	2	183.4%
CHF/USD WKLY FRIDAY OPTIONS -	8	12.36	-33.8%	1.71	377.8%	4	15	-69.5%
CHF/USD WKLY FRIDAY OPTIONS -	3	4.5	-39.7%	11.86	-77.1%	5	8	-34.2%
CHF/USD WKLY FRIDAY OPTIONS -	3	17.36	-83.8%	7.71	-63.6%	6	13	-54.1%
CHF/USD WKLY FRIDAY OPTIONS -	0	1	-61.9%	3.95	-90.4%	1	1	-32.0%
EUR/GBP MONTHLY OPTIONS	5	0	-	0	-	15	0	63577.7%
EUR/GBP WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-100.0%

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FX Options								
EURODOLLARS	326	0	-	158.67	105.4%	55	0	-
EUR/USD MONDAY OPTION WEEK1	20	104.86	-81.3%	49.19	-60.2%	82	97	-15.3%
EUR/USD MONDAY OPTION WEEK2	136	127.91	6.0%	143.67	-5.6%	131	105	24.9%
EUR/USD MONDAY OPTION WEEK3	153	37.41	308.1%	93.43	63.4%	62	70	-10.9%
EUR/USD MONDAY OPTION WEEK4	42	41.68	-0.4%	30.38	36.7%	127	137	-7.2%
EUR/USD MONDAY OPTION WEEK5	34	2.32	1379.0%	0	-	23	36	-37.0%
EUR/USD MONTHLY OPTIONS	14,101	6,993.41	101.6%	19,220.71	-26.6%	13,784	9,555	44.3%
EUR/USD WKLY FRIDAY OPTIONS -	40	0	-	641.24	-93.8%	272	201	35.5%
EUR/USD WKLY FRIDAY OPTIONS -	808	846.09	-4.5%	418.76	92.9%	665	708	-6.1%
EUR/USD WKLY FRIDAY OPTIONS -	1,232	1,011.77	21.8%	912.33	35.1%	837	1,024	-18.3%
EUR/USD WKLY FRIDAY OPTIONS -	448	883.91	-49.3%	591.38	-24.3%	829	894	-7.2%
EUR/USD WKLY FRIDAY OPTIONS -	364	508.41	-28.4%	0.43	84825.3%	266	385	-31.1%
EUR/USD WKLY WED OPTIONS - WK	204	140.55	45.4%	154.95	31.8%	301	310	-3.1%
EUR/USD WKLY WED OPTIONS - WK	220	269.59	-18.4%	243.38	-9.6%	263	340	-22.7%
EUR/USD WKLY WED OPTIONS - WK	220	198.18	11.1%	283.95	-22.5%	256	328	-21.8%
EUR/USD WKLY WED OPTIONS - WK	139	124.27	11.5%	274.62	-49.5%	304	410	-25.8%
EUR/USD WKLY WED OPTIONS - WK	0	91.95	-100.0%	144.62	-100.0%	98	109	-10.3%
GBP/USD MONDAY OPTION WEEK1	33	117.32	-71.5%	32.76	2.2%	27	32	-16.4%
GBP/USD MONDAY OPTION WEEK2	36	45	-20.2%	21.48	67.2%	47	36	33.4%
GBP/USD MONDAY OPTION WEEK3	47	11.36	317.8%	30.62	55.1%	19	25	-22.3%
GBP/USD MONDAY OPTION WEEK4	24	5.91	310.2%	23	5.4%	27	43	-37.2%
GBP/USD MONDAY OPTION WEEK5	20	0	-	0	-	15	12	23.6%
GBP/USD MONTHLY OPTIONS	2,997	2,674.05	12.1%	3,509.67	-14.6%	3,964	3,472	14.2%
GBP/USD WKLY FRIDAY OPTIONS -	30	0	-	76.9	-60.8%	45	50	-8.6%
GBP/USD WKLY FRIDAY OPTIONS -	85	89.86	-5.0%	165.29	-48.3%	124	139	-11.1%
GBP/USD WKLY FRIDAY OPTIONS -	170	116.32	46.3%	335.38	-49.3%	175	153	14.1%
GBP/USD WKLY FRIDAY OPTIONS -	135	154	-12.6%	113.24	18.8%	143	179	-19.7%
GBP/USD WKLY FRIDAY OPTIONS -	151	115.64	30.5%	23.43	543.9%	57	56	2.1%
GBP/USD WKLY WED OPTIONS - WK	92	75.86	21.0%	31.48	191.5%	64	60	6.1%
GBP/USD WKLY WED OPTIONS - WK	50	6.59	661.5%	24.24	107.1%	25	35	-26.3%
GBP/USD WKLY WED OPTIONS - WK	57	107.59	-47.2%	50.19	13.2%	50	47	7.3%
GBP/USD WKLY WED OPTIONS - WK	88	60.09	46.8%	38.24	130.8%	60	70	-14.1%
GBP/USD WKLY WED OPTIONS - WK	0	26.45	-100.0%	30.95	-100.0%	5	13	-58.2%
JPY/USD MONDAY OPTION WEEK1	16	7.68	103.9%	4.19	273.9%	28	18	53.8%
JPY/USD MONDAY OPTION WEEK2	8	66	-88.4%	74.43	-89.7%	40	30	32.6%
JPY/USD MONDAY OPTION WEEK3	8	1.82	358.3%	5.19	60.6%	13	16	-20.9%
JPY/USD MONDAY OPTION WEEK4	3	4.14	-34.4%	13.76	-80.3%	64	20	222.7%
JPY/USD MONDAY OPTION WEEK5	1	0.14	458.6%	0	-	4	12	-66.0%
JPY/USD MONTHLY OPTIONS	3,498	5,282.5	-33.8%	3,884.38	-10.0%	6,524	4,322	51.0%
JPY/USD WKLY FRIDAY OPTIONS -	40	0	-	295.52	-86.6%	159	115	38.5%
JPY/USD WKLY FRIDAY OPTIONS -	119	703.41	-83.1%	318.38	-62.6%	364	341	7.0%
JPY/USD WKLY FRIDAY OPTIONS -	430	362.91	18.5%	547.33	-21.4%	554	480	15.6%
JPY/USD WKLY FRIDAY OPTIONS -	292	380.82	-23.2%	186.14	57.1%	494	435	13.4%
JPY/USD WKLY FRIDAY OPTIONS -	122	251.14	-51.4%	1	12100.0%	165	169	-2.4%
JPY/USD WKLY WED OPTIONS - WK	373	119.73	211.2%	82.29	352.8%	200	147	36.3%
JPY/USD WKLY WED OPTIONS - WK	243	208.5	16.8%	150.71	61.5%	182	190	-4.6%
JPY/USD WKLY WED OPTIONS - WK	194	224	-13.6%	142.48	35.9%	157	186	-15.5%
JPY/USD WKLY WED OPTIONS - WK	97	142.68	-31.8%	100.05	-2.7%	202	167	21.2%

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FX Options								
JPY/USD WKLY WED OPTIONS - WK	0	119.32	-100.0%	169.57	-100.0%	62	50	25.0%
MXN/USD MONTHLY OPTIONS	4	925	-99.5%	45.43	-90.5%	67	142	-52.7%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	4	-98.1%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	4.76	-100.0%	0	2	-81.8%
MXN/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	3	-100.0%
NZD/USD MONTHLY OPTIONS	334	0.59	56343.4%	0.19	174978.1%	122	11	1059.8%
NZD/USD WKLY FRIDAY OPTIONS -	0	0	-	0	-	0	0	-100.0%
RUB/USD MONTHLY OPTIONS	0	0	-	0	-	0	0	-100.0%
ZAR/USD MONTHLY OPTIONS	2	0	-	0	-	0	0	-
Equity Index Futures								
BITCOIN	7,448	7,874.05	-5.4%	13,968.86	-46.7%	10,735	10,035	7.0%
DJ US REAL ESTATE SECTOR	7,997	7,482.09	6.9%	1,793.48	345.9%	3,917	3,073	27.5%
E-mini (\$5) Dow	184,555	191,935.64	-3.8%	201,025.43	-8.2%	203,321	176,209	15.4%
E-mini FTSE China 50	3	6.32	-58.5%	11	-76.2%	30	4	728.2%
E-MINI MIDCAP	16,355	19,611.23	-16.6%	12,609.38	29.7%	15,841	13,210	19.9%
E-MINI NASDAQ 100	663,153	648,562.14	2.2%	629,803.1	5.3%	704,678	557,168	26.5%
E-MINI RUSSELL 1000	726	2,271.09	-68.0%	65	1016.8%	593	659	-10.1%
E-MINI RUSSELL 1000 GROWTH	497	619.86	-19.8%	267.67	85.6%	414	264	56.6%
E-MINI RUSSELL 1000 VALUE	2,959	2,393.14	23.6%	268.76	1000.9%	1,198	1,446	-17.2%
E-MINI RUSSELL 2000	239,790	285,783.55	-16.1%	193,093.43	24.2%	241,320	206,668	16.8%
E-MINI S&P500	2,011,590	2,027,322.73	-0.8%	1,730,629.29	16.2%	2,007,787	1,601,755	25.3%
E-MINI S&P500 ESG	2,602	2,418.73	7.6%	762.43	241.2%	1,556	1,051	48.0%
ETHER	0	0	-	0	-	0	0	-
ETHER FUTURES	3,707	4,129.59	-10.2%	8,031.62	-53.8%	6,262	3,527	77.6%
FT-SE 100	0	37.23	-100.0%	0.19	-100.0%	6	9	-30.2%
FTSE Emerging	0	0	-	0	-	0	0	-100.0%
IBOVESPA INDEX	3	3.23	-7.0%	2.1	43.2%	3	10	-73.1%
MICRO BITCOIN	5,559	19,070.32	-70.9%	16,365.38	-66.0%	14,670	14,793	-0.8%
MICRO E-MINI NASDAQ 100	1,096,418	1,118,861	-2.0%	1,241,292.24	-11.7%	1,453,985	948,871	53.2%
MICRO E-MINI RUSSELL 2000	82,745	185,179.64	-55.3%	106,681.52	-22.4%	130,807	155,359	-15.8%
MICRO E-MINI S&P500	1,241,676	997,677.77	24.5%	1,294,559.57	-4.1%	1,370,415	867,471	58.0%
MICRO ETHER	9,031	9,492	-4.9%	22,588.38	-60.0%	19,582	829	2263.1%
MICRO MINI \$5 DOW	138,518	158,615.82	-12.7%	153,494.1	-9.8%	179,017	132,889	34.7%
NASDAQ-100 VOLATILITY	38	0	-	1.71	2141.6%	77	0	17411.8%
NASDAQ BIOTECH SECTOR	28	9	214.8%	3	844.4%	11	29	-61.4%
Nearby BTIC+	0	29.55	-100.0%	2.38	-100.0%	30	4	588.8%
NIKKEI 225 (\$) STOCK	6,279	7,026.09	-10.6%	4,613.67	36.1%	5,588	6,309	-11.4%
NIKKEI 225 (YEN) STOCK	32,616	33,693.55	-3.2%	28,049.9	16.3%	36,706	32,224	13.9%
PHLX SEMICONDUCTOR SECTOR	10	0	-	10.9	-11.8%	8	0	-
S&P 500	4,348	6,235.23	-30.3%	2,395.29	81.5%	3,590	5,064	-29.1%
S&P 500 ANNUAL DIVIDEND INDEX F	3,294	3,385.73	-2.7%	3,714.24	-11.3%	3,919	2,932	33.7%
S&P 500 QUARLY DIVIDEND INDEX F	405	368.64	10.0%	313.33	29.4%	232	145	60.6%
S&P BIOTECHNOLOGY SECTOR	70	0	-	48.71	43.2%	43	0	-
S&P COMMUNICATION SERVICES S	305	304.55	0.1%	120.76	152.4%	202	190	6.4%
S&P CONSUMER DISCRETIONARY S	545	789.18	-31.0%	224	143.1%	611	599	2.0%

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Equity Index Futures								
S&P CONSUMER STAPLES SECTOR	2,744	2,052.95	33.7%	582.05	371.5%	1,426	1,677	-15.0%
S&P ENERGY SECTOR	4,854	4,150.5	17.0%	1,398.81	247.0%	3,276	2,544	28.8%
S&P FINANCIAL SECTOR	3,789	3,582.14	5.8%	692.48	447.2%	1,857	2,949	-37.0%
S&P HEALTH CARE SECTOR	1,753	2,789.09	-37.1%	392.71	346.5%	1,262	1,310	-3.7%
S&P INDUSTRIAL SECTOR	2,799	1,869.5	49.7%	1,564	79.0%	1,532	1,181	29.7%
S&P MATERIALS SECTOR	980	1,536.5	-36.2%	659.57	48.6%	752	727	3.6%
S&P OIL & GAS EXPLORATION AND	16	0	-	17.43	-7.1%	20	0	-
S&P REAL ESTATE SECTOR	1,336	714.95	86.9%	87.86	1420.8%	391	429	-8.8%
S&P REGIONAL BANKS SECTOR	16	0	-	15.43	3.1%	11	0	-
S&P RETAIL SECTOR	20	0	-	13.76	46.4%	14	0	-
S&P TECHNOLOGY SECTOR	1,743	1,825.09	-4.5%	504.57	245.5%	1,265	823	53.7%
S&P UTILITIES SECTOR	3,080	2,395.09	28.6%	1,034.86	197.6%	1,791	1,575	13.7%
S&P VALUE INDEX FUTURES	0	0	-	0	-	0	10	-100.0%
TOPIX (USD)	3	0	-	1.43	80.0%	0	0	-
TOPIX (YEN)	13	176.5	-92.4%	7	91.8%	81	124	-34.9%
WATER INDEX FUTURES	0	1.77	-83.9%	0.14	99.9%	2	4	-38.8%

Equity Index Options

BITCOIN OPTIONS	128	87.68	46.0%	289.9	-55.8%	149	70	113.5%
DJIA	358	0	-	165.71	115.9%	64	0	-
E-mini (\$5) Dow	121	161.59	-24.8%	158	-23.1%	111	109	1.8%
E-MINI NASDAQ 100	37,628	31,330.5	20.1%	44,496.38	-15.4%	47,061	27,706	69.9%
E-mini Russell 2000	3,402	5,688.32	-40.2%	2,794.76	21.7%	4,671	4,605	1.4%
E-MINI RUSSELL 2000	1,715	2,183.86	-21.5%	1,714.1	0.1%	1,545	1,543	0.2%
E-mini S&P 500	444,061	474,495	-6.4%	525,634.38	-15.5%	556,733	374,091	48.8%
E-MINI S&P500	673,780	515,652.23	30.7%	656,484.9	2.6%	588,745	332,010	77.3%
EOM S&P 500	0	0	-	0	-	0	79	-100.0%
ETHER OPTIONS	15	0	-	24.1	-36.2%	6	0	-
MICRO BITCOIN	51	0	-	163.33	-68.7%	313	0	-
Micro E-mini Nasdaq-100	1,474	2,105.95	-30.0%	1,782.19	-17.3%	1,984	1,436	38.2%
MICRO E-MINI NASDAQ 100	688	879.36	-21.8%	482.57	42.5%	561	345	62.4%
Micro E-mini S&P 500	11,963	12,463.5	-4.0%	12,247.48	-2.3%	11,330	8,249	37.3%
MICRO ETHER	52	0	-	1,439.67	-96.4%	1,389	0	-
S&P 500	0	0	-	0	-	0	5,168	-100.0%

Interest Rate Futures

10-YR Eris LIBOR	1,374	1,344.32	2.2%	221.33	521.0%	749	641	16.8%
10-YR Eris SOFR	45	0	-	86.29	-47.8%	47	1	4140.8%
10-YR MAC LIBOR	1,888	12,074.5	-84.4%	240.33	685.8%	1,286	6,106	-78.9%
10-YR MAC SOFR	0	0	-	0	-	0	0	-
10-YR NOTE	1,213,485	1,167,100.55	4.0%	2,174,701.33	-44.2%	1,841,144	1,861,028	-1.1%
10Y YIELD	1,366	3,845.05	-64.5%	2,481.62	-45.0%	4,423	3,046	45.2%
15-YR Eris LIBOR	0	425	-100.0%	0	-	6	37	-83.9%
1-MONTH EURODOLLAR	0	30.45	-98.6%	191.05	-99.8%	310	3	11531.7%

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Interest Rate Futures								
1-YR Eris BSBY	0	0	-	0	-	6	0	-
1-YR Eris SOFR	311	214.59	45.1%	69.05	351.1%	918	2,895	-68.3%
20-YR BOND	33	0	-	109.86	-70.1%	153	0	-
20-YR SWAP RATE	0	4.09	-100.0%	0	-	0	0	-100.0%
2-YR Eris LIBOR	5,862	3,983.86	47.1%	221.1	2551.3%	3,612	1,316	174.6%
2-YR Eris SOFR	845	461.41	83.0%	564.62	49.6%	593	264	124.9%
2-YR NOTE	394,424	316,647.41	24.6%	882,991.9	-55.3%	676,604	458,110	47.7%
2Y YIELD	291	905.73	-67.8%	428.71	-32.0%	378	214	76.1%
30-Year UMBS TBA Futures - 2.5% Co	8	0	-	2.86	183.3%	1	0	-
30-Year UMBS TBA Futures - 3.0% Co	8	0	-	6.14	22.5%	1	0	-
30-Year UMBS TBA Futures - 3.5% Co	16	0	-	31.33	-47.4%	4	0	-
30-Year UMBS TBA Futures - 4.0% Co	6	0	-	13.71	-56.6%	2	0	-
30-Year UMBS TBA Futures - 4.5% Co	18	0	-	9.1	100.0%	2	0	-
30-Year UMBS TBA Futures - 5.0% Co	63	0	-	19.76	218.1%	7	0	-
30-Year UMBS TBA Futures - 5.5% Co	3	0	-	0	-	0	0	-
30-Year UMBS TBA Futures - 6.0% Co	0	0	-	0	-	0	0	-
30-YR BOND	265,455	301,421.95	-11.9%	452,782.14	-41.4%	387,858	450,070	-13.8%
30-YR Eris LIBOR	0	0	-	0	-	3	5	-50.5%
30-YR SWAP RATE	0	475.18	-100.0%	0	-	17	115	-85.1%
30Y YIELD	158	296.23	-46.8%	201.1	-21.6%	435	116	274.9%
3-YR Eris BSBY	0	0	-	0	-	0	0	-
3-YR Eris LIBOR	1,079	2,705.64	-60.1%	93.29	1056.7%	963	1,164	-17.3%
3-YR Eris SOFR	911	57.27	1489.9%	1,268.24	-28.2%	483	81	496.9%
3-YR NOTE	5,409	12,277.05	-55.9%	8,106.81	-33.3%	14,531	10,644	36.5%
4-YR Eris LIBOR	30	214	-85.9%	23.57	28.3%	253	148	70.8%
4-YR Eris SOFR	171	28.09	508.7%	121.9	40.3%	84	26	223.8%
5-YR Eris LIBOR	1,608	1,943.55	-17.3%	580.62	177.0%	1,765	1,599	10.4%
5-YR Eris SOFR	414	68.55	504.3%	159.24	160.1%	172	25	580.7%
5-YR MAC LIBOR	1,450	3,709.09	-60.9%	1,168.29	24.2%	1,653	2,715	-39.1%
5-YR NOTE	796,240	734,715.45	8.4%	1,659,547.95	-52.0%	1,301,992	1,118,356	16.4%
5Y YIELD	5	298.27	-98.2%	24.76	-78.1%	90	140	-35.9%
7-YR Eris LIBOR	63	99.82	-36.7%	85	-25.7%	181	126	43.7%
7-YR Eris SOFR	62	0.05	135117.4%	99.62	-38.2%	49	012206	17.5%
BSBY 3-MONTH FUTURES	449	4,299.36	-89.6%	938.57	-52.1%	2,268	1,963	15.5%
ESTR Basis Spread Futures	41	0	-	78.05	-47.6%	10	0	-
ESTR Futures	530	0	-	268.29	97.6%	67	0	-
EURODOLLARS	480,650	1,966,170.27	-75.6%	722,199.14	-33.4%	1,569,803	2,420,382	-35.1%
FED FUND	229,272	157,813.68	45.3%	329,327.81	-30.4%	334,644	112,023	198.7%
SOFR	1,944,339	289,098.36	572.6%	2,330,986.52	-16.6%	1,760,945	158,446	1011.4%
SONIA	98	71.95	36.1%	0	-	13	3,195	-99.6%
TIIE	6	2.45	152.2%	1.19	420.0%	5	4	31.8%
Ultra 10-Year Note	281,391	244,228.59	15.2%	490,279.19	-42.6%	381,080	372,187	2.4%
ULTRA T-BOND	169,476	144,432.18	17.3%	379,145.62	-55.3%	238,796	229,206	4.2%

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Interest Rate Options								
10-YR NOTE	617,821	490,196.68	26.0%	631,330.76	-2.1%	655,626	633,670	3.5%
2-YR NOTE	12,825	2,368.41	441.5%	6,982.52	83.7%	5,002	951	426.3%
30-YR BOND	93,919	106,725.55	-12.0%	94,527.81	-0.6%	115,098	129,682	-11.2%
5-YR NOTE	155,131	170,648.05	-9.1%	195,677.43	-20.7%	241,005	160,094	50.5%
EURODOLLARS	376,608	444,867.09	-15.3%	462,431.95	-18.6%	570,956	254,106	124.7%
EURO MIDCURVE	20,094	502,190.95	-96.0%	35,679.24	-43.7%	262,264	805,212	-67.4%
FED FUND	0	0	-	0	-	16	0	-
SOFR	618,646	9.2357044	19.7%	763,166.19	-18.9%	342,919	35	975796.8%
SOFR MIDCURVE	217,899	0.053898382	4%	199,901.14	9.0%	96,850	0	4163953.4%
Ultra 10-Year Note	23	0.73	3036.6%	1.19	1816.0%	5	0	2054.9%
ULTRA T-BOND	54	42.32	27.0%	54.81	-1.9%	103	33	211.6%
Energy Futures								
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	93	110.45	-15.9%	136.67	-32.1%	260	379	-31.5%
ARGUS PROPAN FAR EST INDE	328	169.27	94.0%	432.14	-24.0%	292	283	3.2%
ARGUS PROPAN(SAUDI ARAMCO	92	72.36	26.6%	144.14	-36.4%	97	86	12.4%
BRENT BALMO SWAP	0	0	-	0	-	6	5	21.3%
BRENT CALENDAR SWAP	477	980	-51.3%	283.24	68.5%	653	533	22.6%
BRENT FINANCIAL FUTURES	11	0	-	0	-	2	16	-87.9%
BRENT OIL LAST DAY	54,388	77,762	-30.1%	69,821.76	-22.1%	69,159	95,969	-27.9%
CAR VINTAGE	797	273.82	190.9%	869.62	-8.4%	741	187	296.2%
CHICAGO ETHANOL SWAP	2,105	2,466.82	-14.7%	2,634.95	-20.1%	2,778	3,440	-19.2%
CHICAGO ULSD PL VS HO SPR	16	1.36	1052.4%	20.95	-25.0%	30	15	99.4%
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-	0	2	-100.0%
CONWAY NATURAL GASOLINE (OPI	6	5.05	23.6%	0.71	773.3%	12	14	-8.8%
CONWAY NORMAL BUTANE (OPIS) S	25	18	37.8%	28.81	-13.9%	18	14	29.5%
CONWAY PROPANE 5 DECIMALS S	1,313	584.45	124.7%	947.71	38.6%	830	700	18.7%
CRUDE OIL	0	0	-	0	-	4	15	-73.1%
CRUDE OIL LAST DAY	195	0	-	33.19	487.9%	35	12	182.8%
CRUDE OIL OUTRIGHTS	3,647	2,363.32	54.3%	4,333	-15.8%	3,684	3,297	11.7%
CRUDE OIL PHY	792,794	865,653.27	-8.4%	888,077.14	-10.7%	940,553	1,018,664	-7.7%
CRUDE OIL SPRDS	2,201	994.14	121.4%	2,924.52	-24.7%	2,509	1,301	92.9%
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	-	9	11	-17.9%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-	0	0	-83.3%
DOMINION TRANSMISSION INC	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL CALENDAR	0	0	-	0	-	8	0	-
DUTCH TTF NATURAL GAS CAL MO	0	513.45	-100.0%	0	-	58	1,765	-96.7%
EAST/WEST FUEL OIL SPREAD	0	0.27	-100.0%	0	-	0	0	-100.0%
EIA FLAT TAX ONHWAY DIESE	14	45.64	-69.5%	55.86	-75.1%	9	21	-57.0%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-	0	0	-
EMMISSIONS	54	0	-	161.48	-66.3%	94	0	-
ETHANOL	0	0	-	0	-	0	1	-96.3%

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Energy Futures								
ETHANOL SWAP	11	5.45	100.8%	7.38	48.4%	9	9	5.0%
ETHANOL T2 FOB ROTT INCL DUTY	139	122.59	13.2%	174.05	-20.2%	165	173	-4.5%
EURO 3.5% FUEL OIL RDAM B	0	0	-	0	-	0	0	-100.0%
EURO GASOIL 10 CAL SWAP	0	0	-	0	-	0	0	-
EURO GASOIL 10PPM VS ICE	0	0	-	0	-	5	11	-58.3%
EUROPE 1% FUEL OIL NWE CA	0	0	-	0	-	0	0	-100.0%
EUROPE 3.5% FUEL OIL MED	0	0	-	0	-	0	0	-100.0%
EUROPE 3.5% FUEL OIL RDAM	0	0.68	-79.0%	0.05	200.2%	2	2	1.7%
EUROPEAN GASOIL (ICE)	0	8.91	-96.8%	6.14	-95.3%	54	34	59.7%
EUROPEAN NAPHTHA BALMO	0	1	-81.0%	1.43	-86.7%	1	1	54.2%
EUROPEAN NAPHTHA CRACK SPR	29	41.36	-29.2%	13.95	109.9%	89	79	12.9%
EUROPE DATED BRENT SWAP	0	0	-	0	-	0	3	-100.0%
EUROPE JET KERO NWE CALSW	0	0	-	0	-	0	0	-100.0%
EUROPE NAPHTHA CALSWAP	37	25.23	44.8%	39.19	-6.8%	30	29	2.5%
EURO PROPANE CIF ARA SWA	69	61.82	12.2%	81.95	-15.4%	84	74	13.2%
FREIGHT MARKETS	0	19.36	-98.3%	14.71	-97.7%	12	11	6.8%
FUEL OIL CRACK VS ICE	0	0	-	0.57	-100.0%	5	9	-45.1%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	0	0	-8.0%
FUELOIL SWAP:CARGOES VS.B	0	0	-	0	-	0	0	-
GAS EURO-BOB OXY NWE BARGES	3	8.09	-62.3%	7	-56.5%	9	29	-70.3%
GAS EURO-BOB OXY NWE BARGES	39	150.86	-73.8%	59.48	-33.6%	107	250	-57.3%
GASOIL 0.1CIF MED VS ICE	0	0	-	0	-	0	0	-24.7%
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0	-	0	0	-76.1%
GASOIL 0.1 ROTTERDAM BARG	0	1.73	-100.0%	0.48	-100.0%	0	1	-64.7%
GASOIL 10PPM VS ICE SWAP	0	0	-	0	-	0	0	-
GASOIL CALENDAR SWAP	0	10.59	-100.0%	1.71	-100.0%	4	7	-44.1%
GASOIL CRACK SPREAD CALEN	0	100.23	-100.0%	0.57	-100.0%	44	90	-51.5%
GASOIL MINI CALENDAR SWAP	2	7.86	-75.8%	17.14	-88.9%	13	17	-23.7%
GERMAN POWER BASELOAD CAL M	0	0	-	0	-	0	1	-100.0%
GRP THREE ULSD(PLT)VS HEA	163	134.77	21.0%	144.52	12.9%	210	200	5.0%
GRP THREE UNL GS (PLT) VS	192	89.09	115.1%	77.38	147.7%	145	123	18.3%
GULF COAST 3% FUEL OIL BA	0	0	-	0	-	4	3	32.6%
GULF COAST JET FUEL CLNDR	0	0	-	0	-	0	0	-
GULF COAST JET VS NYM 2 H	236	999.23	-76.4%	210.57	12.1%	422	969	-56.5%
GULF COAST NO.6 FUEL OIL	737	573.73	28.4%	983.19	-25.1%	636	239	166.3%
GULF COAST ULSD CALENDAR	14	39.91	-64.0%	57.29	-74.9%	9	20	-54.4%
GULF COAST ULSD CRACK SPR	0	0	-	0	-	0	0	-
HEATING OIL BALMO CLNDR S	8	4.32	95.2%	0.95	785.0%	15	13	14.4%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	1	10	-94.8%
HEATING OIL PHY	139,268	127,496.91	9.2%	127,361.81	9.3%	158,043	153,617	2.9%
HENRY HUB SWAP	1,716	664.64	158.1%	698.67	145.6%	1,320	1,417	-6.8%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-	0	0	-
HTG OIL	0	0	-	0	-	0	0	-12.6%
ICE BRENT DUBAI SWAP	0	2.73	-100.0%	10.48	-100.0%	10	27	-64.4%
ICE GASOIL BALMO SWAP	0	0	-	0	-	0	0	-100.0%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	0	0	-	0	-	0	4	-100.0%
JAPAN C&F NAPHTHA CRACK S	0	0	-	0	-	2	0	7064.7%

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	ADV DEC 2022	ADV DEC 2021	% CHG	ADV NOV 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Energy Futures								
JAPAN C&F NAPHTHA SWAP	6	5.23	14.8%	2.24	168.1%	5	3	71.3%
JAPAN NAPHTHA BALMO SWAP	0	0	-	0	-	0	0	-21.8%
JET CIF NWE VS ICE	4	5.45	-21.4%	0	-	6	7	-13.3%
JET FUEL UP-DOWN BALMO CL	62	176.36	-64.8%	5.95	944.0%	66	83	-20.3%
JKM LNG Futures	0	37.64	-100.0%	18.38	-100.0%	14	29	-50.0%
LA CARB DIESEL (OPIS) SWA	4	16.14	-77.9%	2.05	74.4%	10	9	3.6%
LA CARBOB GASOLINE(OPIS)S	0	0	-	0	-	0	1	-100.0%
LA JET (OPIS) SWAP	36	21.59	65.4%	1.19	2899.9%	17	25	-32.8%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	8	21.82	-65.1%	0	-	1	13	-92.2%
LTD NAT GAS	23,248	18,016.86	29.0%	17,422.1	33.4%	17,486	16,281	7.4%
MARS (ARGUS) VS WTI SWAP	0	0	-	0	-	7	7	-3.3%
MARS (ARGUS) VS WTI TRD M	507	416.82	21.8%	565.38	-10.2%	713	843	-15.5%
MCCLOSKEY ARA ARGS COAL	53	284.95	-81.5%	101.52	-48.1%	227	607	-62.7%
MCCLOSKEY RCH BAY COAL	1	5	-81.0%	0.71	33.3%	17	42	-60.8%
MGN1 SWAP FUT	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	0	2.77	-100.0%	0	-	1	1	4.0%
MINI RBOB V. EBOBARG NWE BRGS	0	0	-	0	-	0	2	-87.2%
MINI RBOB V. EBOB(ARGUS) NWE B	19	9.05	109.5%	14.76	28.4%	15	25	-40.4%
MINY HTG OIL	0	0.59	-35.5%	0.62	-38.4%	0	0	29.4%
MINY NATURAL GAS	18,170	8,828.82	105.8%	15,503.33	17.2%	15,111	9,148	65.2%
MINY RBOB GAS	0	0.59	-51.7%	0.24	20.0%	0	0	-5.2%
MINY WTI CRUDE OIL	18,409	21,803.23	-15.6%	20,605.24	-10.7%	27,652	20,878	32.4%
MJC FUT	0	0	-	0	-	0	0	-100.0%
MNC FUT	67	53.91	23.7%	78.95	-15.6%	80	46	74.2%
MONT BELVIEU ETHANE 5 DECIMAL	1,344	1,477.36	-9.0%	1,801.86	-25.4%	1,708	1,405	21.5%
MONT BELVIEU ETHANE OPIS BALM	36	127.73	-71.9%	56	-35.8%	43	50	-14.1%
MONT BELVIEU LDH PROPANE 5 DE	10,559	5,492.09	92.3%	9,503.76	11.1%	8,447	8,738	-3.3%
MONT BELVIEU LDH PROPANE OPIS	158	118.18	33.4%	113.29	39.2%	131	145	-9.7%
MONT BELVIEU NATURAL GASOLIN	1,463	574.77	154.6%	961.48	52.2%	1,186	698	69.8%
MONT BELVIEU NATURAL GASOLIN	84	27.73	201.4%	113.95	-26.7%	82	29	183.1%
MONT BELVIEU NORMAL BUTANE 5	2,529	1,566.18	61.5%	2,877.33	-12.1%	2,625	2,551	2.9%
MONT BELVIEU NORMAL BUTANE B	81	67	20.7%	75.1	7.7%	73	61	19.6%
NATURAL GAS	6,794	5,428.36	25.2%	7,041.57	-3.5%	7,923	7,506	5.6%
NATURAL GAS PEN SWP	1,623	1,183.82	37.1%	1,293.05	25.6%	2,042	2,423	-15.7%
NATURAL GAS PHY	349,649	348,641.55	0.3%	331,409.48	5.5%	342,134	387,257	-11.7%
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	14	63.41	-77.8%	23.33	-39.8%	39	13	205.8%
NEW YORK HUB ZONE G PEAK	0	0	-	0	-	0	0	-
NEW YORK HUB ZONE J 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 1% FUEL OIL BAL	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	94	112.55	-16.1%	158.43	-40.4%	71	60	18.3%
NY HARBOR LOW SULPUR GAS 100C	0	0	-	0	-	0	6	-100.0%
NY HARBOR RESIDUAL FUEL 1	6	12.5	-50.5%	3.57	73.3%	6	11	-42.2%
NYH NO 2 CRACK SPREAD CAL	16	15	4.8%	5	214.3%	69	69	0.5%

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Energy Futures								
NYISO CAPACITY	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH PK	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	40	20.45	96.7%	47.52	-15.3%	29	4	562.2%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-	0	0	-
PETROCHEMICALS	151	130.55	15.9%	181.05	-16.4%	163	180	-9.1%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	748	878.86	-14.9%	518.48	44.3%	888	1,128	-21.3%
PETRO CRK&SPRD EURO	16	52.18	-69.1%	37.29	-56.7%	39	42	-8.2%
PETROLEUM PRODUCTS	56	12.91	336.0%	10.33	444.7%	94	42	124.5%
PETROLEUM PRODUCTS ASIA	25	46	-46.0%	11.43	117.5%	32	16	104.8%
PETRO OUTRIGHT EURO	317	477.27	-33.6%	346.24	-8.5%	445	383	16.1%
PETRO OUTRIGHT NA	187	175.36	6.9%	122.86	52.5%	197	157	25.7%
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	-
PJM WESTH RT PEAK	0	0	-	0	-	0	0	-
PLASTICS	27	39.86	-32.6%	34.71	-22.6%	45	64	-30.3%
PREMIUM UNLD 10P FOB MED	0	0	-	0	-	0	1	-39.8%
PROPANE NON-LDH MB (OPIS) BAL	95	88.86	7.0%	95.24	-0.2%	82	67	22.3%
PROPANE NON-LDH MT. BEL (OPIS)	1,082	489.64	120.9%	1,182.76	-8.5%	699	764	-8.5%
RBOB CALENDAR SWAP	196	332.5	-40.9%	374.14	-47.5%	256	320	-20.0%
RBOB CRACK SPREAD	3	35.45	-91.9%	14.29	-80.0%	61	89	-31.8%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-	1	0	-
RBOB GAS	0	0	-	0	-	0	0	-13.9%
RBOB GASOLINE BALMO CLNDR	14	5.91	143.4%	0.43	3255.3%	51	36	43.6%
RBOB PHY	133,306	150,586.59	-11.5%	137,827.48	-3.3%	163,503	189,833	-13.9%
RBOB VS HEATING OIL SWAP	0	0	-	0	-	4	4	-11.4%
SINGAPORE 180CST BALMO	0	0	-	0.05	-100.0%	0	0	-
SINGAPORE 380CST BALMO	0	0	-	0	-	0	0	-95.6%
SINGAPORE 380CST FUEL OIL	2	6	-58.7%	0.95	160.0%	5	9	-35.9%
SINGAPORE FUEL 180CST CAL	1	0	-	0	-	0	0	-
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-	0	0	-100.0%
SINGAPORE FUEL OIL SPREAD	0	0	-	0	-	0	0	-
SINGAPORE GASOIL	24	35.27	-32.9%	16.48	43.6%	35	32	6.7%
SINGAPORE GASOIL CALENDAR	2	28.18	-94.3%	1.24	30.8%	5	36	-85.4%
SINGAPORE GASOIL SWAP	0	47.23	-100.0%	0	-	13	57	-77.9%
SINGAPORE GASOIL VS ICE	0	65.91	-100.0%	0	-	16	50	-68.5%
SINGAPORE JET KERO GASOIL	0	34.09	-100.0%	0	-	15	18	-16.9%
SINGAPORE JET KEROSENE SW	0	0	-	0	-	2	14	-88.2%
SINGAPORE MOGAS 92 UNLEADED	0	0	-	0	-	3	2	33.3%
SINGAPORE MOGAS 92 UNLEADED	2	24.64	-90.3%	0	-	3	31	-91.7%
TC2 ROTTERDAM TO USAC 37K	0	0	-	0.57	-100.0%	2	1	50.6%
TC5 RAS TANURA TO YOKOHAM	0	0	-	0	-	1	2	-60.7%
TD3 MEG TO JAPAN 250K MT	0	34.09	-100.0%	5.71	-100.0%	26	52	-50.5%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-	0	0	-
UK NBP NAT GAS CAL MTH FUT	0	0	-	0	-	0	10	-100.0%

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Energy Futures								
ULSD UP-DOWN BALMO SWP	210	460.23	-54.5%	214.76	-2.4%	280	259	8.4%
UP DOWN GC ULSD VS NMX HO	1,133	1,249.77	-9.4%	975.05	16.2%	1,229	1,609	-23.6%
WTI-BRENT CALENDAR SWAP	1,949	2,156.77	-9.7%	2,082.29	-6.4%	2,390	2,460	-2.9%
WTI CALENDAR	2,451	3,205.36	-23.5%	2,086.19	17.5%	2,868	2,564	11.8%
WTI MIDLAND CRUDE OIL	0	18.18	-100.0%	0	-	4	12	-70.4%
WTS (ARGUS) VS WTI SWAP	26	21.82	17.9%	10.29	150.0%	113	154	-26.6%
WTS (ARGUS) VS WTI TRD MT	5	1.36	249.2%	0	-	28	25	11.8%

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Energy Options								
BRENT CALENDAR SWAP	47	0	-	0	-	17	12	37.8%
BRENT CRUDE OIL 1 M CSO	714	22.73	3042.9%	1,678.57	-57.4%	723	788	-8.2%
BRENT OIL LAST DAY	364	1,573.59	-76.9%	1,376.29	-73.5%	1,292	2,212	-41.6%
COAL API2 INDEX	2	1.14	109.5%	0.95	150.0%	2	11	-79.3%
CRUDE OIL	0	0	-	0	-	0	0	-
CRUDE OIL 1MO	1,521	3,378.41	-55.0%	2,734.52	-44.4%	2,663	5,215	-48.9%
CRUDE OIL APO	944	3,724.23	-74.7%	428.76	120.1%	947	1,655	-42.8%
CRUDE OIL CALNDR STRIP	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	529	0	-	342.1	54.5%	95	0	-
CRUDE OIL PHY	90,037	114,242.64	-21.2%	140,685.33	-36.0%	123,063	123,698	-0.5%
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ETHANOL SWAP	41	234.77	-82.7%	91	-55.3%	126	165	-24.0%
FREIGHT MARKETS	0	0	-	0	-	0	0	-
HEATING OIL CRK SPD AVG PRICE	0	0	-	0	-	3	8	-62.0%
HEATING OIL PHY	744	590.55	26.0%	681.86	9.1%	558	432	29.1%
HENRY HUB FINANCIAL LAST	1,084	576.95	87.9%	512.33	111.6%	342	400	-14.4%
HO 1 MONTH CLNDR OPTIONS	121	0	-	71.43	70.0%	42	1	5183.1%
LLS CRUDE OIL	0	81.82	-100.0%	0	-	23	7	217.9%
MCCLOSKEY ARA ARGS COAL	0	0	-	0	-	0	2	-100.0%
NATURAL GAS	0	0	-	7.14	-100.0%	20	0	-
NATURAL GAS 1 M CSO FIN	6,522	4,481.5	45.5%	3,683.33	77.1%	4,430	2,959	49.7%
NATURAL GAS 2 M CSO FIN	0	375	-100.0%	0	-	56	153	-63.2%
NATURAL GAS 3 M CSO FIN	31	0	-	154.76	-80.0%	1,415	984	43.8%
NATURAL GAS 5 M CSO FIN	0	7.68	-100.0%	95.24	-100.0%	192	75	157.4%
NATURAL GAS 6 M CSO FIN	488	575	-15.1%	589.29	-17.2%	452	506	-10.7%
NATURAL GAS OPT	0	81.82	-100.0%	40.48	-100.0%	30	703	-95.7%
NATURAL GAS OPTION ON CALEND	0	24.09	-100.0%	0	-	2	253	-99.1%
NATURAL GAS PHY	101,047	61,690.59	63.8%	92,477	9.3%	99,181	98,381	0.8%
NATURAL GAS SUMMER STRIP	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	134	28.5	368.8%	121.1	10.3%	101	50	101.0%
PETROCHEMICALS	43	22.73	88.6%	0	-	17	47	-64.4%
PETRO OUTRIGHT EURO	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	0	9.55	-100.0%	0	-	1	6	-76.8%
PJM WES HUB PEAK CAL MTH	0	0	-	0	-	0	0	-
PJM WES HUB PEAK LMP 50MW	0	0	-	0	-	0	0	-
RBOB 1MO CAL SPD OPTIONS	0	0	-	11.9	-100.0%	14	0	-
RBOB CALENDAR SWAP	0	0	-	0.95	-100.0%	14	5	184.1%
RBOB PHY	53	141.09	-62.6%	102.1	-48.3%	176	340	-48.3%
SHORT TERM	10	22.73	-58.1%	4.76	100.0%	11	8	41.3%
SHORT TERM NATURAL GAS	24	4.55	423.8%	30.95	-23.1%	30	19	56.6%
WTI-BRENT BULLET SWAP	464	2,492.05	-81.4%	590.48	-21.4%	1,537	1,551	-0.9%
WTI CRUDE OIL 1 M CSO FI	5,265	520.45	911.7%	3,540.48	48.7%	2,952	3,009	-1.9%

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Metals Futures								
ALUMINUM	3,193	1,847.45	72.8%	2,873.14	11.1%	2,368	1,284	84.5%
COBALT METAL FUTURES	149	7.95	1773.2%	142.24	4.8%	68	13	406.0%
COMEX COPPER	61,223	52,831.36	15.9%	118,981.29	-48.5%	85,812	97,558	-12.0%
COMEX E-Mini GOLD	1,256	746.23	68.3%	2,286.33	-45.1%	1,571	1,071	46.7%
COMEX E-Mini SILVER	202	141.41	43.2%	217.52	-6.9%	188	268	-29.9%
COMEX GOLD	154,996	139,709.59	10.9%	258,056.43	-39.9%	216,182	232,004	-6.8%
COMEX MINY COPPER	101	170.14	-40.9%	218.14	-53.9%	166	236	-29.8%
COMEX SILVER	53,511	45,824.86	16.8%	88,048.67	-39.2%	68,035	78,054	-12.8%
COPPER	2,765	150.5	1737.4%	4,458.43	-38.0%	2,331	109	2048.0%
FERROUS PRODUCTS	187	36.82	407.3%	215.43	-13.3%	137	67	105.3%
GOLD	10	640.36	-98.4%	37.76	-72.4%	245	414	-40.8%
HOT ROLLED COIL STEEL FUTURES	237	60.95	288.1%	242.95	-2.6%	182	56	227.1%
IRON ORE CHINA	35	32.5	8.4%	35.81	-1.6%	59	47	27.6%
METALS	15	0.14	11211.3%	5.05	205.7%	10	1	1470.2%
MICRO GOLD	39,961	33,200.77	20.4%	48,616.48	-17.8%	49,964	55,258	-9.6%
NYMEX HOT ROLLED STEEL	946	898.23	5.3%	883.62	7.1%	1,039	979	6.1%
NYMEX PLATINUM	25,804	20,246.77	27.4%	20,647	25.0%	20,626	17,662	16.8%
PALLADIUM	2,044	1,698.77	20.3%	3,706.24	-44.9%	2,275	2,399	-5.2%
SILVER	8,575	4,367.45	96.3%	9,485.95	-9.6%	7,968	8,719	-8.6%
URANIUM	0	0	-	0	-	0	5	-98.0%
Metals Options								
ALUMINUM	22	0	-	22.95	-4.6%	7	9	-24.3%
COMEX COPPER	4,404	1,585.55	177.8%	6,008.14	-26.7%	4,219	2,971	42.0%
COMEX GOLD	27,466	20,680.86	32.8%	38,362.67	-28.4%	39,249	32,977	19.0%
COMEX SILVER	6,948	3,788.14	83.4%	8,608.9	-19.3%	5,826	6,991	-16.7%
COPPER	314	4.41	7018.4%	253.05	24.0%	127	2	6102.6%
GOLD	12,977	6,198.32	109.4%	10,880.86	19.3%	10,551	8,059	30.9%
IRON ORE CHINA	0	4.55	-100.0%	0	-	1	25	-95.2%
NYMEX HOT ROLLED STEEL	35	47.95	-28.0%	96.43	-64.2%	75	19	288.6%
NYMEX PLATINUM	40	69.68	-42.1%	142	-71.6%	208	138	51.0%
PALLADIUM	6	7.09	-18.1%	0.14	3965.5%	1	27	-96.2%
SILVER	1,880	714.05	163.2%	2,271.29	-17.2%	1,150	621	85.1%
Foreign Exchange Futures								
CHILEAN PESO	0	0	-	0	-	0	0	-

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	ADV DEC 2022	ADV DEC 2021	% CHG	ADV NOV 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS - WK	0	0.27	39.7%	3	-87.3%	14	20	-32.8%
OTC AUDUSD SUB	34	0	-	0	-	3	0	-
OTC EURUSD SUB	46	0	-	0	-	4	0	-
OTC GBPUSD SUB	37	0	-	0	-	3	0	-
OTC USDCAD SUB	1	0	-	0	-	0	0	-
OTC USDJPY SUB	7	0	-	0	-	1	0	-
Ags Futures								
FERTILIZER PRODUCTS	65	56.36	14.9%	112.52	-42.4%	129	175	-26.2%

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	ADV DEC 2022	ADV DEC 2021	% CHG	ADV NOV 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Ag Products Futures								
BLOCK CHEESE	11	38.95	-70.9%	9	25.9%	15	36	-57.0%
BUTTER CS	182	327.82	-44.5%	179.76	1.3%	200	207	-3.2%
CASH-SETTLED CHEESE	612	437.64	39.9%	438	39.8%	481	565	-14.8%
CAT ASIA WEATHER	0	0	-	0	-	0	5	-100.0%
CATTLE	42,655	43,421.82	-1.8%	57,803.62	-26.2%	56,380	55,330	1.9%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	2	-100.0%
CDD SEASONAL STRIP	0	0	-	0	-	29	25	18.4%
CDD WEATHER	0	0	-	0	-	94	37	154.6%
CHI WHEAT	65,308	71,854.55	-9.1%	121,125.57	-46.1%	103,409	118,956	-13.1%
CLASS IV MILK	71	239.27	-70.2%	68.76	3.7%	115	92	24.8%
COFFEE	0	0	-	0	-	0	0	-100.0%
CORN	191,980	203,298.45	-5.6%	347,789.9	-44.8%	310,283	344,849	-10.0%
DJ_UBS ROLL SELECT INDEX FUTU	1,328	940.05	41.3%	38.57	3343.6%	432	221	95.5%
DOW-UBS COMMOD INDEX	6,212	5,002.41	24.2%	671.57	825.0%	3,014	2,596	16.1%
DRY WHEY	85	69.86	21.3%	31.86	165.9%	50	91	-45.3%
FEEDER CATTLE	12,098	10,807.27	11.9%	13,294.9	-9.0%	13,385	12,174	9.9%
FERTILIZER PRODUCS	0	0	-	0	-	0	0	-
GOLDMAN SACHS	129	159.05	-19.1%	142.67	-9.8%	180	383	-53.1%
GSCI EXCESS RETURN FUT	4,774	5,332.91	-10.5%	25.14	18888.6%	2,017	1,965	2.7%
HDD EURO SEASONAL STRIP	0	0	-	0	-	13	0	-
HDD SEASONAL STRIP	0	0	-	0	-	16	2	683.1%
HDD WEATHER	833	255.68	225.9%	232.14	259.0%	157	117	33.8%
HDD WEATHER EUROPEAN	52	22.73	130.5%	23.81	120.0%	38	47	-20.1%
HOGS	38,201	34,211.55	11.7%	45,176.81	-15.4%	45,452	45,285	0.4%
HOUSING INDEX	1	0.64	-10.3%	0.81	-29.4%	1	1	11.9%
KC WHEAT	23,717	35,290.73	-32.8%	41,605.48	-43.0%	41,314	51,497	-19.8%
LUMBER	625	445.5	40.2%	400.43	56.0%	445	461	-3.4%
MALAYSIAN PALM SWAP	0	10.91	-100.0%	0	-	0	358	-100.0%
MILK	1,329	1,431.86	-7.2%	1,257.48	5.7%	1,359	1,227	10.8%
MINI CORN	1,217	1,701	-28.5%	1,527.43	-20.3%	2,427	2,795	-13.2%
MINI SOYBEAN	2,206	2,070.41	6.5%	1,882.05	17.2%	2,750	2,630	4.6%
MINI WHEAT	854	933.27	-8.5%	1,234.38	-30.8%	1,292	996	29.6%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	202	268.95	-24.9%	233.29	-13.4%	266	266	-0.3%
OATS	397	456.5	-13.1%	578.81	-31.5%	429	559	-23.3%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	4	-100.0%
PORK CUTOUT	61	98.73	-38.5%	70.9	-14.4%	96	113	-15.1%
ROUGH RICE	1,444	1,276.09	13.2%	878.43	64.4%	979	880	11.3%
SOYBEAN	224,197	217,727.91	3.0%	167,806.1	33.6%	206,059	211,605	-2.6%
SOYBEAN MEAL	132,741	108,944.91	21.8%	125,395.62	5.9%	111,919	106,255	5.3%
SOYBEAN OIL	153,922	118,072.09	30.4%	143,020.24	7.6%	119,729	129,664	-7.7%
S&P GSCI ENHANCED ER SWAP	0	91	-100.0%	0	-	0	32	-100.0%
USD CRUDE PALM OIL	752	808.18	-6.9%	758.81	-0.8%	1,001	489	104.7%
WHEAT	5	764.86	-99.4%	14.29	-66.7%	231	1,236	-81.3%

Ag Products Options

AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-	1	0	-
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Ag Products Options								
BLOCK CHEESE	6	1.82	224.8%	0	-	11	13	-16.4%
BUTTER CS	105	158.86	-34.0%	105.95	-1.1%	81	101	-19.4%
CASH-SETTLED CHEESE	181	319.59	-43.4%	235.52	-23.1%	320	304	5.2%
CATTLE	11,471	7,617.23	50.6%	10,014.48	14.5%	10,342	9,132	13.2%
CDD SEASONAL STRIP	0	0	-	0	-	82	34	143.6%
CDD WEATHER	0	0	-	0	-	4	25	-82.3%
CHI WHEAT	18,093	20,247.82	-10.6%	26,458	-31.6%	28,174	23,137	21.8%
CLASS IV MILK	238	455.27	-47.8%	385.52	-38.4%	349	228	53.4%
CORN	55,863	62,919.73	-11.2%	90,681.48	-38.4%	119,709	125,588	-4.7%
CORN NEARBY+2 CAL SPRD	69	917.59	-92.5%	782.19	-91.2%	952	632	50.5%
DEC-DEC CORN CAL SPRD	0	0	-	0	-	0	15	-100.0%
DEC-JULY CORN CAL SPRD	0	0	-	154.52	-100.0%	76	96	-20.7%
DRY WHEY	2	0.91	161.9%	0	-	13	8	64.6%
FEEDER CATTLE	1,351	1,102.14	22.6%	1,423.9	-5.1%	1,676	1,063	57.7%
HDD EURO SEASONAL STRIP	0	0	-	0	-	27	8	238.8%
HDD SEASONAL STRIP	0	0	-	0	-	16	115	-86.1%
HDD WEATHER	286	0	-	4.76	5900.0%	75	29	161.7%
HDD WEATHER EUROPEAN	0	0	-	0	-	8	96	-91.7%
HOGS	10,463	8,220.14	27.3%	8,742	19.7%	10,826	9,590	12.9%
Intercommodity Spread	0	0	-	0	-	0	1	-100.0%
JAN-MAY SOYBEAN CAL SPRD	0	0	-	14.29	-100.0%	1	0	-
JULY-DEC CORN CAL SPRD	507	352.55	43.7%	715.81	-29.2%	419	190	120.7%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-	3	0	-
JULY-DEC SOY OIL CAL SPRD	24	0	-	0	-	2	0	-
JULY-DEC WHEAT CAL SPRD	0	0	-	0	-	15	0	3615.0%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-	0	0	-
JULY-NOV SOYBEAN CAL SPRD	109	337.73	-67.8%	245.48	-55.7%	227	51	346.3%
KC WHEAT	1,693	5,363.95	-68.4%	2,248.52	-24.7%	3,223	3,688	-12.6%
LUMBER	5	31.32	-83.6%	9.81	-47.6%	18	33	-46.7%
MAR-DEC CORN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY CORN CAL SPRD	280	68.18	310.3%	420.95	-33.5%	181	23	685.8%
MAR-JULY SOYBEAN CAL SPRD	33	0	-	0	-	5	0	-
MAR-JULY WHEAT CAL SPRD	0	9.09	-100.0%	0	-	1	4	-83.3%
MILK	1,006	1,768.77	-43.1%	1,715.52	-41.3%	1,179	1,291	-8.7%
MLK MID OPTIONS	0	0.18	-73.8%	0.05	0.0%	0	0	47.5%
NFD MILK	134	165.05	-19.0%	192.52	-30.5%	205	188	9.5%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	21	0	-
NOV-MAR SOYBEAN CSO	0	0	-	0	-	0	1	-100.0%
OATS	4	12.73	-71.2%	3.33	10.0%	8	17	-50.2%
PORK CUTOOUT	0	0	-	0.48	-100.0%	0	3	-94.0%
ROUGH RICE	112	72.86	53.9%	76.62	46.4%	85	53	60.8%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-	3	0	-
SOYBEAN	37,492	55,452.95	-32.4%	37,678.19	-0.5%	66,644	73,009	-8.7%
SOYBEAN CRUSH	0	1.14	-100.0%	0.24	-100.0%	1	5	-86.4%
SOYBEAN MEAL	14,188	14,674.55	-3.3%	8,570.1	65.5%	11,245	11,497	-2.2%
SOYBEAN OIL	15,641	11,732.41	33.3%	15,691.67	-0.3%	12,271	13,511	-9.2%
SOYBN NEARBY+2 CAL SPRD	14	63.64	-78.7%	159.52	-91.5%	163	88	84.7%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-	5	0	-

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Ag Products Options								
SOY OIL NEARBY+2 CAL SPRD	0	0	-	0	-	5	0	-
WHEAT	53	14.64	261.5%	45.62	16.0%	18	48	-63.0%
WHEAT-CORN IC50	0	0	-	0	-	34	3	905.4%
WHEAT NEARBY+2 CAL SPRD	56	17.09	226.3%	8.1	588.8%	140	26	437.2%
TOTAL FUTURES GROUP								
Interest Rate Futures	5,799,356	5,371,464	8.0%	9,439,877	-38.6%	8,528,406	7,216,397	18.2%
Equity Index Futures	5,786,419	5,762,282.73	0.4%	5,673,782.9	2.0%	6,430,835	4,756,148	35.2%
Metals Futures	355,210	302,612.27	17.4%	559,158.48	-36.5%	459,228	496,203	-7.5%
Energy Futures	1,578,333	1,657,961.14	-4.8%	1,656,834.24	-4.7%	1,784,923	1,943,803	-8.2%
FX Futures	1,011,484	839,718.82	20.5%	884,280.95	14.4%	944,660	761,607	24.0%
Foreign Exchange Futures	0	0	-	0	-	0	0	-
Ags Futures	65	56.36	14.9%	112.52	-42.4%	129	175	-26.2%
Ag Products Futures	908,202	866,813.55	4.8%	1,073,716.62	-15.4%	1,026,059	1,094,053	-6.2%
TOTAL FUTURES	15,439,068	14,800,908.86	4.3%	19,287,762.72	-20.0%	19,174,240.29	16,268,386.04	17.9%
TOTAL OPTIONS GROUP								
Interest Rate Options	2,113,020	1,717,049.05	23.1%	2,389,753.05	-11.6%	2,289,845	1,983,784	15.4%
Equity Index Options	1,175,437	1,045,048	12.5%	1,247,877.48	-5.8%	1,214,661	755,410	60.8%
Metals Options	54,092	33,100.59	63.4%	66,646.43	-18.8%	61,414	51,840	18.5%
Energy Options	210,229	194,904.14	7.9%	250,053.1	-15.9%	240,529	243,656	-1.3%
FX Options	34,292	34,932.82	-1.8%	43,796.14	-21.7%	42,580	37,004	15.1%
Ag Products Options	169,476	192,099.91	-11.8%	206,785.14	-18.0%	268,864	273,940	-1.9%
Foreign Exchange Options	126	0.27	46191.8%	3	4107.9%	24	20	19.1%
TOTAL OPTIONS	3,756,673	3,217,134.77	16.8%	4,204,914.33	-10.7%	4,117,917.43	3,345,654.34	23.1%
TOTAL COMBINED								
FX	1,045,776	874,651.64	19.6%	928,077.1	12.7%	987,239	798,611	23.6%
Equity Index	6,961,856	6,807,330.73	2.3%	6,921,660.38	0.6%	7,645,495	5,511,558	38.7%
Interest Rate	7,912,376	7,088,513.05	11.6%	11,829,630.05	-33.1%	10,818,252	9,200,181	17.6%
Energy	1,788,562	1,852,865.27	-3.5%	1,906,887.33	-6.2%	2,025,452	2,187,459	-7.4%
Metals	409,302	335,712.86	21.9%	625,804.9	-34.6%	520,642	548,043	-5.0%
Foreign Exchange	126	0.27	46191.8%	3	4107.9%	24	20	19.6%
Ags	65	56.36	14.9%	112.52	-42.4%	129	175	-26.2%
Ag Products	1,077,678	1,058,913.45	1.8%	1,280,501.76	-15.8%	1,294,923	1,367,993	-5.3%
GRAND TOTAL	19,195,740	18,018,043.64	6.5%	23,492,677.05	-18.3%	23,292,157.72	19,614,040.38	18.8%

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