

## CBOT Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2022	Open Outcry NOV 2021	% CHG	ELEC NOV 2022	ELEC NOV 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Interest Rate Futures</b>												
10-YR Eris LIBOR	0	0	0.0%	2,500	2,098	19.2%	0	0	0.0%	46,656	23,335	99.9%
10-YR Eris SOFR	0	0	0.0%	110	0	0.0%	0	0	0.0%	873	280	211.8%
10-YR MAC LIBOR	0	0	0.0%	5,047	23,364	-78.4%	0	0	0.0%	155,703	554,230	-71.9%
10-YR MAC SOFR	0	-	-	0	-	-	0	-	-	2	-	-
10-YR NOTE	0	0	0.0%	44,195,287	48,336,309	-8.6%	0	0	0.0%	423,664,389	430,804,203	-1.7%
10Y YIELD	0	0	0.0%	52,114	92,910	-43.9%	0	0	0.0%	1,081,547	683,027	58.3%
15-YR Eris LIBOR	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1-YR Eris BSBY	0	-	-	0	-	-	0	-	-	1,600	-	-
1-YR Eris SOFR	0	0	0.0%	450	29,130	-98.5%	0	0	0.0%	201,866	724,898	-72.2%
20-YR BOND	0	-	-	2,307	-	-	0	-	-	34,435	-	-
20-YR SWAP RATE	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
2-YR Eris LIBOR	0	0	0.0%	895	4,938	-81.9%	0	0	0.0%	81,769	33,779	142.1%
2-YR Eris SOFR	0	0	0.0%	1,504	16,236	-90.7%	0	0	0.0%	96,481	56,268	71.5%
2-YR NOTE	0	0	0.0%	17,355,446	15,030,394	15.5%	0	0	0.0%	148,701,969	99,303,768	49.7%
2Y YIELD	0	0	0.0%	9,003	17,063	-47.2%	0	0	0.0%	88,683	34,126	159.9%
30-Year UMBS TBA Futures - 2.5	0	-	-	60	-	-	0	-	-	60	-	-
30-Year UMBS TBA Futures - 3.0	0	-	-	129	-	-	0	-	-	129	-	-
30-Year UMBS TBA Futures - 3.5	0	-	-	658	-	-	0	-	-	658	-	-
30-Year UMBS TBA Futures - 4.0	0	-	-	288	-	-	0	-	-	288	-	-
30-Year UMBS TBA Futures - 4.5	0	-	-	191	-	-	0	-	-	191	-	-
30-Year UMBS TBA Futures - 5.0	0	-	-	415	-	-	0	-	-	415	-	-
30-YR BOND	0	0	0.0%	9,267,573	11,826,375	-21.6%	0	0	0.0%	88,899,931	104,776,814	-15.2%
30-YR Eris LIBOR	0	0	0.0%	0	0	0.0%	0	0	0.0%	185	261	-29.1%
30-YR SWAP RATE	0	0	0.0%	0	0	0.0%	0	0	0.0%	304	113	169.0%
30Y YIELD	0	0	0.0%	4,223	6,727	-37.2%	0	0	0.0%	105,934	22,740	365.8%
3-YR Eris BSBY	0	-	-	0	-	-	0	-	-	4	-	-
3-YR Eris LIBOR	0	0	0.0%	292	12,525	-97.7%	0	0	0.0%	52,113	46,697	11.6%
3-YR Eris SOFR	0	0	0.0%	1,347	4,262	-68.4%	0	0	0.0%	35,112	19,123	83.6%
3-YR NOTE	0	0	0.0%	170,157	411,243	-58.6%	0	0	0.0%	3,519,189	2,386,604	47.5%
4-YR Eris LIBOR	0	0	0.0%	357	2,428	-85.3%	0	0	0.0%	30,695	25,637	19.7%
4-YR Eris SOFR	0	0	0.0%	166	0	0.0%	0	0	0.0%	6,657	5,950	11.9%
5-YR Eris LIBOR	0	0	0.0%	11,024	27,828	-60.4%	0	0	0.0%	234,131	248,516	-5.8%
5-YR Eris SOFR	0	0	0.0%	1,649	151	992.1%	0	0	0.0%	23,012	4,876	371.9%
5-YR MAC LIBOR	0	0	0.0%	24,534	52,404	-53.2%	0	0	0.0%	371,700	558,045	-33.4%

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<b>Interest Rate Futures</b>												
5-YR NOTE	0	0	0.0%	33,609,193	34,115,100	-1.5%	0	0	0.0%	297,051,191	255,279,552	16.4%
5Y YIELD	0	0	0.0%	520	13,102	-96.0%	0	0	0.0%	22,359	28,641	-21.9%
7-YR Eris LIBOR	0	0	0.0%	1,785	1,255	42.2%	0	0	0.0%	26,941	22,066	22.1%
7-YR Eris SOFR	0	-	-	90	-	-	0	-	-	470	-	-
FED FUND	0	0	0.0%	6,884,065	4,592,868	49.9%	0	0	0.0%	78,631,939	24,391,615	222.4%
Ultra 10-Year Note	0	0	0.0%	9,978,182	11,471,799	-13.0%	0	0	0.0%	86,987,830	84,746,074	2.6%
ULTRA T-BOND	0	0	0.0%	7,568,923	7,051,033	7.3%	0	0	0.0%	53,154,025	51,913,950	2.4%
<b>Interest Rate Options</b>												
10-YR NOTE	0	0	0.0%	12,811,236	14,783,306	-13.3%	0	0	0.0%	147,791,723	145,731,014	1.4%
2-YR NOTE	0	0	0.0%	142,633	47,168	202.4%	0	0	0.0%	950,684	183,439	418.3%
30-YR BOND	0	0	0.0%	1,985,084	3,354,638	-40.8%	0	0	0.0%	26,820,357	30,178,952	-11.1%
5-YR NOTE	0	0	0.0%	3,859,226	4,822,592	-20.0%	0	0	0.0%	54,136,665	35,568,513	52.2%
FED FUND	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,045	0	0.0%
Ultra 10-Year Note	0	0	0.0%	25	0	0.0%	0	0	0.0%	851	46	1,750.0%
ULTRA T-BOND	0	0	0.0%	1,151	583	97.4%	0	0	0.0%	24,599	7,359	234.3%
<b>Equity Index Futures</b>												
DJ US REAL ESTATE SECTOR	0	0	0.0%	26,729	19,841	34.7%	0	0	0.0%	382,076	355,714	7.4%
E-mini (\$5) Dow	0	0	0.0%	4,218,084	3,521,432	19.8%	0	0	0.0%	47,069,371	40,104,864	17.4%
MICRO MINI \$5 DOW	0	0	0.0%	3,223,376	2,925,417	10.2%	0	0	0.0%	42,024,400	29,998,564	40.1%
S&P 500	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
<b>Equity Index Options</b>												
DJIA	0	-	-	3,480	-	-	0	-	-	8,451	-	-
E-mini (\$5) Dow	0	0	0.0%	3,318	6,781	-51.1%	0	0	0.0%	25,186	23,798	5.8%

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<b>Energy Futures</b>												
ETHANOL	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	262	-100.0%
<b>Ags Futures</b>												
FERTILIZER PRODUCS	0	0	0.0%	1	0	0.0%	0	0	0.0%	8	54	-85.2%
<b>Ag Products Futures</b>												
CHI WHEAT	0	0	0.0%	2,527,533	2,976,832	-15.1%	0	0	0.0%	24,355,031	28,147,599	-13.5%
CORN	0	0	0.0%	6,953,817	7,751,244	-10.3%	0	0	0.0%	70,806,205	79,348,854	-10.8%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	22	-100.0%
DOW-UBS COMMOD INDEX	0	0	0.0%	12,777	23,156	-44.8%	0	0	0.0%	437,431	528,022	-17.2%
DOW-UBS COMMOD INDEX SW	-	-	-	-	-	-	0	-	-	0	-	-
FERTILIZER PRODUCS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Intercommodity Spread	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
KC WHEAT	0	0	0.0%	854,091	1,360,086	-37.2%	0	0	0.0%	9,610,375	11,873,619	-19.1%
MINI CORN	0	0	0.0%	32,046	47,322	-32.3%	0	0	0.0%	583,477	666,962	-12.5%
MINI SOYBEAN	0	0	0.0%	39,521	41,496	-4.8%	0	0	0.0%	643,960	617,112	4.4%
MINI WHEAT	0	0	0.0%	25,922	24,649	5.2%	0	0	0.0%	306,273	230,527	32.9%
OATS	0	0	0.0%	11,296	19,040	-40.7%	0	0	0.0%	95,937	125,906	-23.8%
ROUGH RICE	0	0	0.0%	18,120	19,145	-5.4%	0	0	0.0%	207,478	181,819	14.1%
SOYBEAN	0	0	0.0%	3,377,919	3,487,361	-3.1%	0	0	0.0%	44,613,430	46,196,903	-3.4%
SOYBEAN MEAL	0	0	0.0%	2,545,523	2,947,625	-13.6%	0	0	0.0%	24,447,059	23,542,585	3.8%
SOYBEAN OIL	0	0	0.0%	2,951,519	2,755,785	7.1%	0	0	0.0%	26,342,657	29,491,002	-10.7%
WHEAT	0	0	0.0%	0	2,238	-100.0%	0	0	0.0%	6,012	33,611	-82.1%
<b>Ag Products Options</b>												
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.0%	0	0	0.0%	212	0	0.0%
CHI WHEAT	0	0	0.0%	548,118	765,756	-28.4%	0	0	0.0%	6,537,382	5,332,217	22.6%
CORN	0	0	0.0%	1,858,813	1,931,686	-3.8%	0	0	0.0%	28,352,251	30,110,146	-5.8%

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<b>Ag Products Options</b>												
CORN NEARBY+2 CAL SPRD	0	0	0.0%	16,426	14,304	14.8%	0	0	0.0%	236,950	139,200	70.2%
DEC-DEC CORN CAL SPRD	0	0	0.0%	0	800	-100.0%	0	0	0.0%	0	3,717	-100.0%
DEC-JULY CORN CAL SPRD	0	0	0.0%	3,245	1,950	66.4%	0	0	0.0%	19,106	24,185	-21.0%
DEC-JULY WHEAT CAL SPRD	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Intercommodity Spread	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	271	-100.0%
JAN-MAR SOYBEAN CSO	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	0	-	-	300	-	-	0	-	-	300	-	-
JULY-DEC CORN CAL SPRD	0	0	0.0%	15,032	0	0.0%	0	0	0.0%	93,952	40,105	134.3%
JULY-DEC SOYMEAL CAL SPR	0	-	-	0	-	-	0	-	-	845	-	-
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,200	100	3,100.0%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	0	0.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	5,155	2,321	122.1%	0	0	0.0%	53,614	5,393	894.1%
KC WHEAT	0	0	0.0%	46,119	140,432	-67.2%	0	0	0.0%	754,643	783,134	-3.6%
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MAR-JULY CORN CAL SPRD	0	0	0.0%	8,840	3,840	130.2%	0	0	0.0%	39,445	4,290	819.5%
MAR-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.0%	0	0	0.0%	650	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	700	-100.0%	0	0	0.0%	150	700	-78.6%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,260	0	0.0%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
NOV-NOV SOYBEAN CAL SPR	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
OATS	0	0	0.0%	70	398	-82.4%	0	0	0.0%	1,998	3,904	-48.8%
ROUGH RICE	0	0	0.0%	1,609	2,284	-29.6%	0	0	0.0%	18,936	9,458	100.2%
SEP-DEC SOYBEAN MEAL CSC	0	-	-	0	-	-	0	-	-	830	-	-
SOYBEAN	0	0	0.0%	787,378	1,228,673	-35.9%	0	0	0.0%	15,801,251	16,975,171	-6.9%
SOYBEAN CRUSH	0	0	0.0%	5	1	400.0%	0	0	0.0%	170	1,232	-86.2%
SOYBEAN MEAL	0	0	0.0%	179,072	357,459	-49.9%	0	0	0.0%	2,437,857	2,553,911	-4.5%
SOYBEAN OIL	0	0	0.0%	321,885	221,721	45.2%	0	0	0.0%	2,675,085	3,078,798	-13.1%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	3,350	0	0.0%	0	0	0.0%	40,509	20,274	99.8%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,250	0	0.0%
SOY OIL NEARBY+2 CAL SPRD	0	-	-	0	-	-	0	-	-	1,250	-	-
WHEAT	0	0	0.0%	958	269	256.1%	0	0	0.0%	2,979	7,056	-57.8%
WHEAT-CORN ICSCO	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,522	851	196.4%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	170	340	-50.0%	0	0	0.0%	33,937	6,185	448.7%

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<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	0	0	0.0%	129,150,484	133,141,542	-3.0%	0	0	0.0%	1,183,311,436	1,056,695,188	12.0%
Equity Index Futures	0	0	0.0%	7,468,189	6,466,690	15.5%	0	0	0.0%	89,475,847	70,459,142	27.0%
Energy Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	262	-100.0%
Ags Futures	0	0	0.0%	1	0	0.0%	0	0	0.0%	8	54	-85.2%
Ag Products Futures	0	0	0.0%	19,350,084	21,455,979	-9.8%	0	0	0.0%	202,455,325	220,984,543	-8.4%
<b>TOTAL FUTURES</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>155,968,758</b>	<b>161,064,211</b>	<b>-3.2%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>1,475,242,616</b>	<b>1,348,139,189</b>	<b>9.4%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	6,798	6,781	0.3%	0	0	0.0%	33,637	23,798	41.3%
Interest Rate Options	0	0	0.0%	18,799,355	23,008,287	-18.3%	0	0	0.0%	229,728,924	211,669,323	8.5%
Ag Products Options	0	0	0.0%	3,796,545	4,672,934	-18.8%	0	0	0.0%	57,116,536	59,100,448	-3.4%
<b>TOTAL OPTIONS</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>22,602,698</b>	<b>27,688,002</b>	<b>-18.4%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>286,879,097</b>	<b>270,793,569</b>	<b>5.9%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	0	0	0.0%	147,949,839	156,149,829	-5.3%	0	0	0.0%	1,413,040,360	1,268,364,511	11.4%
Equity Index	0	0	0.0%	7,474,987	6,473,471	15.5%	0	0	0.0%	89,509,484	70,482,940	27.0%
Energy	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	262	-100.0%
Ags	0	0	0.0%	1	0	0.0%	0	0	0.0%	8	54	-85.2%
Ag Products	0	0	0.0%	23,146,629	26,128,913	-11.4%	0	0	0.0%	259,571,861	280,084,991	-7.3%
<b>GRAND TOTAL</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>178,571,456</b>	<b>188,752,213</b>	<b>-5.4%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>1,762,121,713</b>	<b>1,618,932,758</b>	<b>8.8%</b>