

## CBOT Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2022	Open Outcry DEC 2021	% CHG	ELEC DEC 2022	ELEC DEC 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%	4,958	4,289	15.6%	0	0	0.0%	51,614	27,624	86.8%
10-YR Eris SOFR	0	0	0.0%	38	0	0.0%	0	0	0.0%	911	280	225.4%
10-YR MAC LIBOR	0	0	0.0%	25,096	97,371	-74.2%	0	0	0.0%	180,799	651,601	-72.3%
10-YR MAC SOFR	0	-	-	0	-	-	0	-	-	2	-	-
10-YR NOTE	0	0	0.0%	24,552,584	24,969,286	-1.7%	0	0	0.0%	448,216,973	455,773,489	-1.7%
10Y YIELD	0	0	0.0%	28,685	84,591	-66.1%	0	0	0.0%	1,110,232	767,618	44.6%
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%	751	4,721	-84.1%	0	0	0.0%	202,617	729,619	-72.2%
20-YR BOND	0	-	-	650	-	-	0	-	-	35,085	-	-
20-YR SWAP RATE	0	0	0.0%	0	90	-100.0%	0	0	0.0%	0	90	-100.0%
2-YR Eris LIBOR	0	0	0.0%	9,917	2,671	271.3%	0	0	0.0%	91,686	36,450	151.5%
2-YR Eris SOFR	0	0	0.0%	4,326	9,151	-52.7%	0	0	0.0%	100,807	65,419	54.1%
2-YR NOTE	0	0	0.0%	7,561,124	6,222,070	21.5%	0	0	0.0%	156,263,093	105,525,838	48.1%
2Y YIELD	0	0	0.0%	6,121	19,926	-69.3%	0	0	0.0%	94,804	54,052	75.4%
30-Year UMBS TBA Futures - 2.5	0	-	-	170	-	-	0	-	-	230	-	-
30-Year UMBS TBA Futures - 3.0	0	-	-	158	-	-	0	-	-	287	-	-
30-Year UMBS TBA Futures - 3.5	0	-	-	346	-	-	0	-	-	1,004	-	-
30-Year UMBS TBA Futures - 4.0	0	-	-	125	-	-	0	-	-	413	-	-
30-Year UMBS TBA Futures - 4.5	0	-	-	382	-	-	0	-	-	573	-	-
30-Year UMBS TBA Futures - 5.0	0	-	-	770	-	-	0	-	-	1,185	-	-
30-Year UMBS TBA Futures - 5.5	0	-	-	60	-	-	0	-	-	60	-	-
30-Year UMBS TBA Futures - 6.0	0	-	-	6	-	-	0	-	-	6	-	-
30-YR BOND	0	0	0.0%	5,428,030	6,472,691	-16.1%	0	0	0.0%	94,327,961	111,249,505	-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%	3,311	6,517	-49.2%	0	0	0.0%	109,245	29,257	273.4%
3-YR Eris BSBY	0	-	-	0	-	-	0	-	-	4	-	-
3-YR Eris LIBOR	0	0	0.0%	1,075	7,268	-85.2%	0	0	0.0%	53,188	53,965	-1.4%
3-YR Eris SOFR	0	0	0.0%	2,517	1,260	99.8%	0	0	0.0%	37,629	20,383	84.6%
3-YR NOTE	0	0	0.0%	113,597	267,789	-57.6%	0	0	0.0%	3,632,786	2,654,393	36.9%
4-YR Eris LIBOR	0	0	0.0%	635	4,708	-86.5%	0	0	0.0%	31,330	30,345	3.2%
4-YR Eris SOFR	0	0	0.0%	330	618	-46.6%	0	0	0.0%	6,987	6,568	6.4%
5-YR Eris LIBOR	0	0	0.0%	12,632	31,130	-59.4%	0	0	0.0%	246,763	279,646	-11.8%

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<b>Interest Rate Futures</b>												
5-YR Eris SOFR	0	0	0.0%	716	1,508	-52.5%	0	0	0.0%	23,728	6,384	271.7%
5-YR MAC LIBOR	0	0	0.0%	20,609	73,958	-72.1%	0	0	0.0%	392,309	632,003	-37.9%
5-YR NOTE	0	0	0.0%	15,917,125	15,385,797	3.5%	0	0	0.0%	312,968,316	270,665,349	15.6%
5Y YIELD	0	0	0.0%	114	6,562	-98.3%	0	0	0.0%	22,473	35,203	-36.2%
7-YR Eris LIBOR	0	0	0.0%	1,327	1,626	-18.4%	0	0	0.0%	28,268	23,692	19.3%
7-YR Eris SOFR	0	0	0.0%	134	1	13,300.0%	0	0	0.0%	604	1	60,300.0%
FED FUND	0	0	0.0%	4,768,707	3,466,001	37.6%	0	0	0.0%	83,400,646	27,857,616	199.4%
Ultra 10-Year Note	0	0	0.0%	5,710,220	5,060,702	12.8%	0	0	0.0%	92,698,050	89,806,776	3.2%
ULTRA T-BOND	0	0	0.0%	3,354,979	3,021,049	11.1%	0	0	0.0%	56,509,004	54,934,999	2.9%
<b>Interest Rate Options</b>												
10-YR NOTE	0	0	0.0%	12,828,750	10,701,827	19.9%	0	0	0.0%	160,620,473	156,432,841	2.7%
2-YR NOTE	0	0	0.0%	259,326	52,105	397.7%	0	0	0.0%	1,210,010	235,544	413.7%
30-YR BOND	0	0	0.0%	1,972,300	2,347,962	-16.0%	0	0	0.0%	28,792,657	32,526,914	-11.5%
5-YR NOTE	0	0	0.0%	3,244,243	3,739,257	-13.2%	0	0	0.0%	57,380,908	39,307,770	46.0%
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%	479	16	2,893.8%	0	0	0.0%	1,330	62	2,045.2%
ULTRA T-BOND	0	0	0.0%	1,129	931	21.3%	0	0	0.0%	25,728	8,290	210.3%
<b>Equity Index Futures</b>												
DJ US REAL ESTATE SECTOR	0	0	0.0%	44,908	62,732	-28.4%	0	0	0.0%	426,984	418,446	2.0%
E-mini (\$5) Dow	0	0	0.0%	3,869,551	4,214,784	-8.2%	0	0	0.0%	50,938,922	44,319,648	14.9%
MICRO MINI \$5 DOW	0	0	0.0%	2,908,887	3,489,548	-16.6%	0	0	0.0%	44,933,287	33,488,112	34.2%
S&P 500	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
<b>Equity Index Options</b>												
DJIA	0	-	-	7,514	-	-	0	-	-	15,965	-	-
E-mini (\$5) Dow	0	0	0.0%	2,551	3,555	-28.2%	0	0	0.0%	27,737	27,353	1.4%

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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%	0	0	0.0%	0	0	0.0%	8	54	-85.2%
<b>Ag Products Futures</b>												
CHI WHEAT	0	0	0.0%	1,352,291	1,569,906	-13.9%	0	0	0.0%	25,707,322	29,717,505	-13.5%
CORN	0	0	0.0%	3,835,224	4,306,005	-10.9%	0	0	0.0%	74,641,429	83,654,859	-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%	43,046	81,172	-47.0%	0	0	0.0%	480,477	609,194	-21.1%
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%	476,570	752,411	-36.7%	0	0	0.0%	10,086,945	12,626,030	-20.1%
MINI CORN	0	0	0.0%	25,554	37,422	-31.7%	0	0	0.0%	609,031	704,384	-13.5%
MINI SOYBEAN	0	0	0.0%	46,323	45,549	1.7%	0	0	0.0%	690,283	662,661	4.2%
MINI WHEAT	0	0	0.0%	17,930	20,532	-12.7%	0	0	0.0%	324,203	251,059	29.1%
OATS	0	0	0.0%	8,260	9,908	-16.6%	0	0	0.0%	104,197	135,814	-23.3%
ROUGH RICE	0	0	0.0%	29,157	26,254	11.1%	0	0	0.0%	236,635	208,073	13.7%
SOYBEAN	0	0	0.0%	4,452,876	4,528,073	-1.7%	0	0	0.0%	49,066,306	50,724,976	-3.3%
SOYBEAN MEAL	0	0	0.0%	2,701,572	2,326,248	16.1%	0	0	0.0%	27,148,631	25,868,833	4.9%
SOYBEAN OIL	0	0	0.0%	3,180,270	2,556,196	24.4%	0	0	0.0%	29,522,927	32,047,198	-7.9%
WHEAT	0	0	0.0%	0	3,077	-100.0%	0	0	0.0%	6,012	36,688	-83.6%
<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%	367,085	442,044	-17.0%	0	0	0.0%	6,904,467	5,774,261	19.6%
CORN	0	0	0.0%	1,141,436	1,380,253	-17.3%	0	0	0.0%	29,493,687	31,490,399	-6.3%

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<b>Ag Products Options</b>												
CORN NEARBY+2 CAL SPRD	0	0	0.0%	1,445	20,187	-92.8%	0	0	0.0%	238,395	159,387	49.6%
DEC-DEC CORN CAL SPRD	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,717	-100.0%
DEC-JULY CORN CAL SPRD	0	0	0.0%	0	0	0.0%	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	-	-	0	-	-	0	-	-	300	-	-
JULY-DEC CORN CAL SPRD	0	0	0.0%	10,638	7,756	37.2%	0	0	0.0%	104,590	47,861	118.5%
JULY-DEC SOYMEAL CAL SPR	0	-	-	0	-	-	0	-	-	845	-	-
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	500	0	0.0%	0	0	0.0%	500	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%	2,284	7,430	-69.3%	0	0	0.0%	55,898	12,823	335.9%
KC WHEAT	0	0	0.0%	35,561	116,507	-69.5%	0	0	0.0%	790,204	899,641	-12.2%
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%	5,875	1,500	291.7%	0	0	0.0%	45,320	5,790	682.7%
MAR-JULY SOYBEAN CAL SPR	0	0	0.0%	700	0	0.0%	0	0	0.0%	1,350	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	200	-100.0%	0	0	0.0%	150	900	-83.3%
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%	77	280	-72.5%	0	0	0.0%	2,075	4,184	-50.4%
ROUGH RICE	0	0	0.0%	2,355	1,603	46.9%	0	0	0.0%	21,291	11,061	92.5%
SEP-DEC SOYBEAN MEAL CSC	0	-	-	0	-	-	0	-	-	830	-	-
SOYBEAN	0	0	0.0%	780,029	1,218,026	-36.0%	0	0	0.0%	16,581,280	18,193,197	-8.9%
SOYBEAN CRUSH	0	0	0.0%	0	25	-100.0%	0	0	0.0%	170	1,257	-86.5%
SOYBEAN MEAL	0	0	0.0%	294,839	316,740	-6.9%	0	0	0.0%	2,732,696	2,870,651	-4.8%
SOYBEAN OIL	0	0	0.0%	322,403	248,163	29.9%	0	0	0.0%	2,997,488	3,326,961	-9.9%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	285	1,400	-79.6%	0	0	0.0%	40,794	21,674	88.2%
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%	1,111	322	245.0%	0	0	0.0%	4,090	7,378	-44.6%
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%	971	376	158.2%	0	0	0.0%	34,908	6,561	432.1%

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<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	0	0	0.0%	67,532,325	65,223,351	3.5%	0	0	0.0%	1,250,843,761	1,121,918,539	11.5%
Equity Index Futures	0	0	0.0%	6,823,346	7,767,064	-12.2%	0	0	0.0%	96,299,193	78,226,206	23.1%
Energy Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	262	-100.0%
Ags Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	8	54	-85.2%
Ag Products Futures	0	0	0.0%	16,169,073	16,262,753	-0.6%	0	0	0.0%	218,624,398	237,247,296	-7.8%
<b>TOTAL FUTURES</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>90,524,744</b>	<b>89,253,168</b>	<b>1.4%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>1,565,767,360</b>	<b>1,437,392,357</b>	<b>8.9%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	10,065	3,555	183.1%	0	0	0.0%	43,702	27,353	59.8%
Interest Rate Options	0	0	0.0%	18,306,227	16,842,098	8.7%	0	0	0.0%	248,035,151	228,511,421	8.5%
Ag Products Options	0	0	0.0%	2,967,594	3,762,812	-21.1%	0	0	0.0%	60,084,130	62,863,260	-4.4%
<b>TOTAL OPTIONS</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>21,283,886</b>	<b>20,608,465</b>	<b>3.3%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>308,162,983</b>	<b>291,402,034</b>	<b>5.8%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	0	0	0.0%	85,838,552	82,065,449	4.6%	0	0	0.0%	1,498,878,912	1,350,429,960	11.0%
Equity Index	0	0	0.0%	6,833,411	7,770,619	-12.1%	0	0	0.0%	96,342,895	78,253,559	23.1%
Energy	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	262	-100.0%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	8	54	-85.2%
Ag Products	0	0	0.0%	19,136,667	20,025,565	-4.4%	0	0	0.0%	278,708,528	300,110,556	-7.1%
<b>GRAND TOTAL</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>111,808,630</b>	<b>109,861,633</b>	<b>1.8%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>1,873,930,343</b>	<b>1,728,794,391</b>	<b>8.4%</b>

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