

## CBOT Exchange Volume Comparison Report - Monthly

	Open Outcry OCT 2019	Open Outcry OCT 2018	% CHG	ELEC OCT 2019	ELEC OCT 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
<b>Interest Rate Futures</b>												
10-YR NOTE	188,401	189,066	-0.4%	31,085,393	46,653,093	-33.4%	1,460,450	1,368,175	6.7%	364,781,703	363,899,674	0.2%
10-YR SWAP RATE	0	0	0.0%	39,030	13,654	185.9%	0	0	0.0%	412,857	392,435	5.2%
15-YR SWAP RATE	0	-	-	0	-	-	0	-	-	0	-	-
20-YR SWAP RATE	0	-	-	0	-	-	0	-	-	46	-	-
2-YR NOTE	8,382	2,570	226.1%	11,309,083	9,184,164	23.1%	32,919	30,573	7.7%	135,201,133	98,447,204	37.3%
2-YR SWAP RATE	0	-	-	24,530	-	-	0	-	-	443,075	-	-
30-YR BOND	21,958	17,870	22.9%	6,532,472	10,159,400	-35.7%	201,286	208,043	-3.2%	71,938,943	73,850,539	-2.6%
30-YR SWAP RATE	0	0	0.0%	547	0	0.0%	0	0	0.0%	6,386	983	549.6%
3-YR SWAP RATE	0	-	-	7,712	-	-	0	-	-	157,784	-	-
4-YR SWAP RATE	0	-	-	2,347	-	-	0	-	-	90,256	-	-
5-YR NOTE	47,912	31,703	51.1%	17,697,003	24,528,161	-27.9%	455,535	336,142	35.5%	230,883,450	218,993,924	5.4%
5-YR SWAP RATE	0	0	0.0%	86,227	15,818	445.1%	0	0	0.0%	745,057	232,505	220.4%
7-YR SWAP RATE	0	-	-	3,736	-	-	0	-	-	37,591	-	-
FED FUND	0	0	0.0%	8,127,583	6,296,855	29.1%	0	0	0.0%	79,476,108	51,256,705	55.1%
Ultra 10-Year Note	0	0	0.0%	3,785,606	3,976,041	-4.8%	0	0	0.0%	46,188,416	36,552,646	26.4%
ULTRA T-BOND	0	0	0.0%	2,526,798	3,772,188	-33.0%	66	230	-71.3%	36,490,932	34,749,719	5.0%
<b>Interest Rate Options</b>												
10-YR NOTE	3,219,957	3,433,142	-6.2%	13,195,139	16,250,094	-18.8%	25,010,148	23,046,362	8.5%	113,683,033	108,892,543	4.4%
2-YR NOTE	147,813	102,871	43.7%	506,993	282,107	79.7%	1,512,781	1,408,827	7.4%	3,617,380	3,710,118	-2.5%
30-YR BOND	275,415	407,128	-32.4%	3,019,419	4,661,968	-35.2%	3,211,991	3,198,577	0.4%	27,011,009	25,683,282	5.2%
5-YR NOTE	940,720	722,341	30.2%	4,280,951	2,889,566	48.2%	9,373,012	6,773,233	38.4%	37,419,703	25,670,479	45.8%
FED FUND	4,425	0	0.0%	8,237	0	0.0%	56,510	1,750	3,129.1%	20,448	15,963	28.1%
Ultra 10-Year Note	12	40	-70.0%	0	0	0.0%	21,811	40	54,427.5%	5,328	28	#####
ULTRA T-BOND	18,993	5,609	238.6%	1,110	6,565	-83.1%	201,474	40,237	400.7%	15,110	27,082	-44.2%

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<b>Equity Index Futures</b>												
DJ US REAL ESTATE	0	0	0.0%	24,293	19,844	22.4%	0	0	0.0%	252,321	232,725	8.4%
E-mini (\$5) Dow	0	0	0.0%	3,918,512	7,074,702	-44.6%	0	0	0.0%	44,017,817	48,395,941	-9.0%
MICRO MINI \$5 DOW	0	-	-	1,201,652	-	-	0	-	-	6,475,576	-	-
S&P 500	0	-	-	0	-	-	0	-	-	0	-	-
<b>Equity Index Options</b>												
E-mini (\$5) Dow	0	0	0.0%	2,910	10,893	-73.3%	0	0	0.0%	42,376	97,684	-56.6%
<b>Energy Futures</b>												
ETHANOL	0	0	0.0%	4,460	9,346	-52.3%	0	0	0.0%	73,067	88,926	-17.8%
<b>Ags Futures</b>												
FERTILIZER PRODUCS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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<b>Ag Products Futures</b>												
CHI WHEAT	5,445	10,796	-49.6%	1,934,351	2,383,467	-18.8%	66,577	140,716	-52.7%	25,797,196	31,867,275	-19.0%
CORN	18,691	24,582	-24.0%	5,869,078	6,340,191	-7.4%	235,927	335,940	-29.8%	88,314,113	80,285,994	10.0%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DOW-UBS COMMOD INDEX	0	0	0.0%	23,359	62,419	-62.6%	0	0	0.0%	460,362	780,597	-41.0%
FERTILIZER PRODUCTS	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%	0	0	0.0%
KC WHEAT	492	1,170	-57.9%	1,106,528	982,013	12.7%	8,818	12,120	-27.2%	12,595,817	12,986,232	-3.0%
MINI CORN	0	0	0.0%	12,968	8,867	46.3%	0	0	0.0%	148,672	100,702	47.6%
MINI SOYBEAN	0	0	0.0%	28,574	24,998	14.3%	0	0	0.0%	190,587	228,474	-16.6%
MINI WHEAT	0	0	0.0%	7,408	7,124	4.0%	0	0	0.0%	78,078	79,006	-1.2%
OATS	0	0	0.0%	11,343	17,025	-33.4%	0	40	-100.0%	125,863	137,414	-8.4%
ROUGH RICE	0	0	0.0%	28,493	28,457	0.1%	31	26	19.2%	204,646	190,512	7.4%
SOYBEAN	9,103	19,623	-53.6%	6,585,231	5,535,223	19.0%	60,911	157,751	-61.4%	42,707,054	48,448,242	-11.9%
SOYBEAN MEAL	2,569	997	157.7%	2,296,841	2,549,889	-9.9%	10,429	34,988	-70.2%	22,591,126	26,344,558	-14.2%
SOYBEAN OIL	2,391	1,858	28.7%	2,719,297	2,264,162	20.1%	7,067	15,485	-54.4%	24,668,426	25,070,142	-1.6%
WHEAT	0	0	0.0%	661	0	0.0%	0	0	0.0%	7,873	22	#####

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<b>Ag Products Options</b>												
AUG-NOV SOYBEAN CAL SPR	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CHI WHEAT	71,152	130,209	-45.4%	396,769	588,401	-32.6%	929,024	1,838,286	-49.5%	5,468,274	6,471,434	-15.5%
CORN	293,885	337,642	-13.0%	1,944,266	1,097,834	77.1%	4,351,703	5,680,047	-23.4%	24,264,526	16,853,789	44.0%
CORN NEARBY+2 CAL SPRD	22,345	3,720	500.7%	430	0	0.0%	70,938	25,988	173.0%	3,321	100	3,221.0%
DEC-DEC CORN CAL SPRD	1,588	2,500	-36.5%	2,013	33	6,000.0%	14,047	18,242	-23.0%	4,390	33	#####
DEC-JULY CORN CAL SPRD	1,449	500	189.8%	0	0	0.0%	21,002	16,424	27.9%	146	0	0.0%
DEC-JULY WHEAT CAL SPRD	50	0	0.0%	1	0	0.0%	50	1,694	-97.0%	1	0	0.0%
Intercommodity Spread	119	499	-76.2%	0	0	0.0%	1,119	10,318	-89.2%	0	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JULY-DEC CORN CAL SPRD	4,205	30	13,916.7%	1	0	0.0%	13,632	10,176	34.0%	1,152	100	1,052.0%
JULY-DEC SOYMEAL CAL SPR	0	0	0.0%	0	0	0.0%	0	1,200	-100.0%	0	0	0.0%
JULY-DEC SOY OIL CAL SPRD	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JULY-DEC WHEAT CAL SPRD	50	0	0.0%	0	0	0.0%	1,500	1,965	-23.7%	0	455	-100.0%
JULY-NOV SOYBEAN CAL SPR	276	2,360	-88.3%	1,330	0	0.0%	6,207	55,603	-88.8%	1,620	2,598	-37.6%
KC WHEAT	11,870	12,026	-1.3%	72,316	27,366	164.3%	216,911	329,653	-34.2%	710,061	552,008	28.6%
MAR-DEC CORN CAL SPRD	9	-	-	0	-	-	9	-	-	0	-	-
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0	0.0%	40	0	0.0%	0	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.0%	0	200	-100.0%	30	0	0.0%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.0%	1,050	1	104,900.0%	2,500	0	0.0%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	0	0.0%	20	130	-84.6%	0	0	0.0%
NOV-NOV SOYBEAN CAL SPR	470	0	0.0%	464	0	0.0%	614	118	420.3%	2,214	0	0.0%
OATS	168	847	-80.2%	87	869	-90.0%	2,442	1,903	28.3%	2,007	3,856	-48.0%
ROUGH RICE	2,030	1,430	42.0%	1,144	727	57.4%	20,539	7,980	157.4%	9,680	8,457	14.5%
SEP-DEC SOYBEAN MEAL CSC	0	0	0.0%	0	0	0.0%	0	1,170	-100.0%	0	0	0.0%
SOYBEAN	138,513	213,467	-35.1%	1,051,158	1,058,252	-0.7%	1,376,866	2,994,324	-54.0%	10,089,675	13,518,912	-25.4%
SOYBEAN CRUSH	175	0	0.0%	0	0	0.0%	179	185	-3.2%	0	0	0.0%
SOYBEAN MEAL	36,375	58,692	-38.0%	142,934	143,797	-0.6%	324,376	1,005,779	-67.7%	1,283,149	1,927,520	-33.4%
SOYBEAN OIL	24,031	54,787	-56.1%	145,188	96,844	49.9%	194,222	376,887	-48.5%	1,004,935	806,302	24.6%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	0	0	0.0%	3,500	10	34,900.0%	2,000	0	0.0%
SOYMEAL NEARBY+2 CAL SPR	0	3,225	-100.0%	0	0	0.0%	490	8,415	-94.2%	0	0	0.0%
WHEAT	3,100	0	0.0%	1,669	25	6,576.0%	10,800	2,910	271.1%	8,246	335	2,361.5%
WHEAT-CORN ICSCO	200	645	-69.0%	0	0	0.0%	2,880	5,780	-50.2%	0	0	0.0%
WHEAT NEARBY+2 CAL SPRD	50	1,040	-95.2%	67	10	570.0%	2,440	9,232	-73.6%	300	4,481	-93.3%

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<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	266,653	241,209	10.5%	81,228,067	104,599,374	-22.3%	2,150,256	1,943,163	10.7%	966,853,737	878,376,334	10.1%
Equity Index Futures	0	0	0.0%	5,144,457	7,094,546	-27.5%	0	0	0.0%	50,745,714	48,628,666	4.4%
Energy Futures	0	0	0.0%	4,460	9,346	-52.3%	0	0	0.0%	73,067	88,926	-17.8%
Ags Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Ag Products Futures	38,691	59,026	-34.5%	20,624,132	20,203,835	2.1%	389,760	697,066	-44.1%	217,889,813	226,519,170	-3.8%
<b>TOTAL FUTURES</b>	<b>305,344</b>	<b>300,235</b>	<b>1.7%</b>	<b>107,001,116</b>	<b>131,907,101</b>	<b>-18.9%</b>	<b>2,540,016</b>	<b>2,640,229</b>	<b>-3.8%</b>	<b>1,235,562,331</b>	<b>1,153,613,096</b>	<b>7.1%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	2,910	10,893	-73.3%	0	0	0.0%	42,376	97,684	-56.6%
Interest Rate Options	4,607,335	4,671,131	-1.4%	21,011,849	24,090,300	-12.8%	39,387,727	34,469,026	14.3%	181,772,011	163,999,495	10.8%
Ag Products Options	612,110	823,619	-25.7%	3,759,837	3,014,158	24.7%	7,566,600	12,404,620	-39.0%	42,858,227	40,150,380	6.7%
<b>TOTAL OPTIONS</b>	<b>5,219,445</b>	<b>5,494,750</b>	<b>-5.0%</b>	<b>24,774,596</b>	<b>27,115,351</b>	<b>-8.6%</b>	<b>46,954,327</b>	<b>46,873,646</b>	<b>0.2%</b>	<b>224,672,614</b>	<b>204,247,559</b>	<b>10.0%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	4,873,988	4,912,340	-0.8%	102,239,916	128,689,674	-20.6%	41,537,983	36,412,189	14.1%	1,148,625,748	1,042,375,829	10.2%
Equity Index	0	0	0.0%	5,147,367	7,105,439	-27.6%	0	0	0.0%	50,788,090	48,726,350	4.2%
Energy	0	0	0.0%	4,460	9,346	-52.3%	0	0	0.0%	73,067	88,926	-17.8%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Ag Products	650,801	882,645	-26.3%	24,383,969	23,217,993	5.0%	7,956,360	13,101,686	-39.3%	260,748,040	266,669,550	-2.2%
<b>GRAND TOTAL</b>	<b>5,524,789</b>	<b>5,794,985</b>	<b>-4.7%</b>	<b>131,775,712</b>	<b>159,022,452</b>	<b>-17.1%</b>	<b>49,494,343</b>	<b>49,513,875</b>	<b>0.0%</b>	<b>1,460,234,945</b>	<b>1,357,860,655</b>	<b>7.5%</b>