

## CBOT Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2018	Open Outcry NOV 2017	% CHG	ELEC NOV 2018	ELEC NOV 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Interest Rate Futures</b>												
10-YR NOTE	160,120	112,679	42.1%	47,960,845	40,251,077	19.2%	1,528,295	1,386,146	10.3%	411,860,519	341,043,767	20.8%
10-YR SWAP RATE	0	0	0.0%	16,421	28,761	-42.9%	0	0	0.0%	408,856	462,353	-11.6%
2-YR NOTE	1,685	2,655	-36.5%	18,704,612	13,952,937	34.1%	32,258	19,545	65.0%	117,151,816	83,932,383	39.6%
2-YR SWAP RATE	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
30-YR BOND	24,088	14,515	66.0%	10,152,635	8,026,624	26.5%	232,131	182,199	27.4%	84,003,174	66,717,883	25.9%
30-YR SWAP RATE	0	0	0.0%	0	133	-100.0%	0	0	0.0%	983	10,383	-90.5%
5-YR NOTE	42,504	26,737	59.0%	35,560,926	26,797,584	32.7%	378,646	244,575	54.8%	254,554,850	201,180,266	26.5%
5-YR SWAP RATE	0	0	0.0%	15,799	21,609	-26.9%	0	0	0.0%	248,304	462,855	-46.4%
7-YR SWAP	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FED FUND	0	0	0.0%	5,606,524	2,745,030	104.2%	0	30	-100.0%	56,863,229	44,614,457	27.5%
Ultra 10-Year Note	0	0	0.0%	5,210,163	3,954,932	31.7%	0	8	-100.0%	41,762,809	25,797,554	61.9%
ULTRA T-BOND	0	0	0.0%	6,005,546	4,701,981	27.7%	230	15	1,433.3%	40,755,265	29,480,389	38.2%
<b>Interest Rate Options</b>												
10-YR NOTE	3,441,648	2,133,114	61.3%	16,157,718	7,648,757	111.2%	26,488,010	24,335,040	8.8%	125,050,261	93,978,818	33.1%
2-YR NOTE	98,503	88,474	11.3%	217,445	194,197	12.0%	1,517,130	725,063	109.2%	4,037,621	1,294,884	211.8%
30-YR BOND	333,693	210,111	58.8%	3,334,685	1,712,080	94.8%	3,532,270	2,811,068	25.7%	29,017,967	22,173,755	30.9%
5-YR NOTE	1,239,052	571,247	116.9%	3,936,992	1,625,606	142.2%	8,002,485	6,033,461	32.6%	29,497,413	21,453,100	37.5%
FED FUND	500	0	0.0%	5	65	-92.3%	2,250	15,398	-85.4%	15,968	1,482	977.5%
Ultra 10-Year Note	60	0	0.0%	0	0	0.0%	100	1,652	-93.9%	28	6,835	-99.6%
ULTRA T-BOND	23,531	1,487	1,482.4%	2,965	2,502	18.5%	63,768	12,443	412.5%	30,047	22,107	35.9%
<b>Equity Index Futures</b>												
DJ US REAL ESTATE	0	0	0.0%	22,713	16,236	39.9%	0	0	0.0%	255,438	174,445	46.4%
E-mini (\$5) Dow	0	0	0.0%	4,883,923	2,704,885	80.6%	0	0	0.0%	53,279,864	29,923,362	78.1%
<b>Equity Index Options</b>												
E-mini (\$5) Dow	0	0	0.0%	8,992	9,656	-6.9%	0	0	0.0%	106,676	63,956	66.8%

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<b>Energy Futures</b>												
ETHANOL	0	0	0.0%	12,343	9,943	24.1%	0	0	0.0%	101,269	138,193	-26.7%
ETHANOL FWD	-	-	-	-	-	-	-	0	0.0%	-	0	0.0%
<b>Ags Futures</b>												
FERTILIZER PRODUCS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>Ag Products Futures</b>												
CHI WHEAT	6,896	4,896	40.8%	3,031,498	3,660,619	-17.2%	147,612	154,337	-4.4%	34,898,773	31,734,614	10.0%
CORN	21,727	26,157	-16.9%	9,278,538	10,328,123	-10.2%	357,667	368,830	-3.0%	89,564,532	82,953,182	8.0%
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%	58,173	57,947	0.4%	0	0	0.0%	838,770	869,525	-3.5%
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%	0	0	0.0%
KC WHEAT	315	532	-40.8%	1,337,072	1,509,537	-11.4%	12,435	10,220	21.7%	14,323,304	11,589,669	23.6%
MINI CORN	0	0	0.0%	12,003	14,781	-18.8%	0	0	0.0%	112,705	110,107	2.4%
MINI SOYBEAN	0	0	0.0%	24,396	15,324	59.2%	0	0	0.0%	252,870	186,223	35.8%
MINI WHEAT	0	0	0.0%	5,946	5,043	17.9%	0	0	0.0%	84,952	64,943	30.8%
OATS	3	0	0.0%	19,766	18,315	7.9%	43	80	-46.3%	157,180	145,203	8.2%
ROUGH RICE	32	0	0.0%	6,833	15,162	-54.9%	58	0	0.0%	197,345	234,246	-15.8%
SOYBEAN	14,073	11,118	26.6%	3,331,046	3,579,275	-6.9%	171,824	158,162	8.6%	51,779,288	46,860,074	10.5%
SOYBEAN MEAL	1,636	966	69.4%	2,357,910	2,497,499	-5.6%	36,624	23,094	58.6%	28,702,468	22,622,598	26.9%
SOYBEAN OIL	369	4,747	-92.2%	3,073,565	3,058,733	0.5%	15,854	43,629	-63.7%	28,143,707	26,850,410	4.8%
WHEAT	0	0	0.0%	0	118	-100.0%	0	0	0.0%	22	119,222	-100.0%

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<b>Ag Products Options</b>												
AUG-DEC SOYBEAN MEAL CS	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.0%	0	103	-100.0%	0	0	0.0%
CHI WHEAT	69,558	91,117	-23.7%	467,792	389,583	20.1%	1,907,844	1,601,843	19.1%	6,939,226	5,480,439	26.6%
CORN	286,978	377,077	-23.9%	1,319,282	1,220,055	8.1%	5,967,025	6,423,526	-7.1%	18,173,071	16,552,657	9.8%
CORN NEARBY+2 CAL SPRD	4,730	1,980	138.9%	50	25	100.0%	30,718	15,738	95.2%	150	102	47.1%
DEC-DEC CORN CAL SPRD	0	0	0.0%	0	0	0.0%	18,242	11,786	54.8%	33	274	-88.0%
DEC-JULY CORN CAL SPRD	2,075	290	615.5%	0	0	0.0%	18,499	39,888	-53.6%	0	0	0.0%
DEC-JULY WHEAT CAL SPRD	50	399	-87.5%	0	10	-100.0%	1,744	1,923	-9.3%	0	210	-100.0%
Intercommodity Spread	395	0	0.0%	0	0	0.0%	10,713	701	1,428.2%	0	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	0	0	0.0%	0	0	0.0%	0	36	-100.0%	0	0	0.0%
JULY-DEC CORN CAL SPRD	400	0	0.0%	0	0	0.0%	10,576	17,402	-39.2%	100	0	0.0%
JULY-DEC SOYMEAL CAL SPR	0	-	-	0	-	-	1,200	-	-	0	-	-
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0.0%	0	630	-100.0%	0	10	-100.0%
JULY-DEC WHEAT CAL SPRD	200	0	0.0%	0	0	0.0%	2,165	1,414	53.1%	455	200	127.5%
JULY-JULY WHEAT CAL SPRD	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JULY-NOV SOYBEAN CAL SPR	780	10	7,700.0%	17	0	0.0%	56,383	69,350	-18.7%	2,615	1,317	98.6%
KC WHEAT	14,442	6,748	114.0%	38,260	20,559	86.1%	344,095	154,009	123.4%	590,268	341,970	72.6%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0	0.0%	0	70	-100.0%	0	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	200	-100.0%	0	0	0.0%	200	1,493	-86.6%	0	76	-100.0%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.0%	1	1,696	-99.9%	0	0	0.0%
NOV-MAR SOYBEAN CSO	0	-	-	0	-	-	130	-	-	0	-	-
NOV-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.0%	118	164	-28.0%	0	0	0.0%
OATS	190	615	-69.1%	460	381	20.7%	2,093	6,116	-65.8%	4,316	7,328	-41.1%
ROUGH RICE	431	1,180	-63.5%	463	1,460	-68.3%	8,411	11,715	-28.2%	8,920	12,102	-26.3%
SEP-DEC SOYBEAN MEAL CSC	0	-	-	0	-	-	1,170	-	-	0	-	-
SOYBEAN	187,517	222,048	-15.6%	1,141,028	954,565	19.5%	3,181,841	3,230,645	-1.5%	14,659,940	12,589,797	16.4%
SOYBEAN CRUSH	0	76	-100.0%	0	0	0.0%	185	716	-74.2%	0	0	0.0%
SOYBEAN MEAL	38,466	52,190	-26.3%	105,046	119,298	-11.9%	1,044,245	590,775	76.8%	2,032,566	1,315,840	54.5%
SOYBEAN OIL	26,110	93,902	-72.2%	99,010	100,708	-1.7%	402,997	885,990	-54.5%	905,312	1,047,007	-13.5%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	0	0	0.0%	10	460	-97.8%	0	600	-100.0%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0.0%	8,415	0	0.0%	0	0	0.0%
WHEAT	77	50	54.0%	0	50	-100.0%	2,987	1,047	185.3%	335	503	-33.4%
WHEAT-CORN IC SO	0	1,015	-100.0%	0	0	0.0%	5,780	6,550	-11.8%	0	6	-100.0%
WHEAT NEARBY+2 CAL SPRD	255	1,135	-77.5%	50	260	-80.8%	9,487	12,926	-26.6%	4,531	4,367	3.8%

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<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	228,397	156,586	45.9%	129,233,471	100,480,668	28.6%	2,171,560	1,832,518	18.5%	1,007,609,805	793,702,290	27.0%
Equity Index Futures	0	0	0.0%	4,906,636	2,721,121	80.3%	0	0	0.0%	53,535,302	30,097,807	77.9%
Energy Futures	0	0	0.0%	12,343	9,943	24.1%	0	0	0.0%	101,269	138,193	-26.7%
Ags Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Ag Products Futures	45,051	48,416	-7.0%	22,536,746	24,760,476	-9.0%	742,117	758,352	-2.1%	249,055,916	224,340,016	11.0%
<b>TOTAL FUTURES</b>	<b>273,448</b>	<b>205,002</b>	<b>33.4%</b>	<b>156,689,196</b>	<b>127,972,208</b>	<b>22.4%</b>	<b>2,913,677</b>	<b>2,590,870</b>	<b>12.5%</b>	<b>1,310,302,292</b>	<b>1,048,278,306</b>	<b>25.0%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	8,992	9,656	-6.9%	0	0	0.0%	106,676	63,956	66.8%
Interest Rate Options	5,136,987	3,004,433	71.0%	23,649,810	11,183,207	111.5%	39,606,013	33,934,125	16.7%	187,649,305	138,930,981	35.1%
Ag Products Options	632,654	850,032	-25.6%	3,171,458	2,806,954	13.0%	13,037,274	13,088,712	-0.4%	43,321,838	37,354,805	16.0%
<b>TOTAL OPTIONS</b>	<b>5,769,641</b>	<b>3,854,465</b>	<b>49.7%</b>	<b>26,830,260</b>	<b>13,999,817</b>	<b>91.6%</b>	<b>52,643,287</b>	<b>47,022,837</b>	<b>12.0%</b>	<b>231,077,819</b>	<b>176,349,742</b>	<b>31.0%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	5,365,384	3,161,019	69.7%	152,883,281	111,663,875	36.9%	41,777,573	35,766,643	16.8%	1,195,259,110	932,633,271	28.2%
Equity Index	0	0	0.0%	4,915,628	2,730,777	80.0%	0	0	0.0%	53,641,978	30,161,763	77.8%
Energy	0	0	0.0%	12,343	9,943	24.1%	0	0	0.0%	101,269	138,193	-26.7%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Ag Products	677,705	898,448	-24.6%	25,708,204	27,567,430	-6.7%	13,779,391	13,847,064	-0.5%	292,377,754	261,694,821	11.7%
<b>GRAND TOTAL</b>	<b>6,043,089</b>	<b>4,059,467</b>	<b>48.9%</b>	<b>183,519,456</b>	<b>141,972,025</b>	<b>29.3%</b>	<b>55,556,964</b>	<b>49,613,707</b>	<b>12.0%</b>	<b>1,541,380,111</b>	<b>1,224,628,048</b>	<b>25.9%</b>