



## CBOT Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
<b>Interest Rate Futures</b>												
30-YR BOND	19,959	15,596	28.0%	4,516,582	4,355,723	3.7%	82,681	85,376	-3.2%	22,326,184	22,703,940	-1.7%
10-YR NOTE	139,000	96,689	43.8%	24,899,657	21,747,377	14.5%	563,424	525,471	7.2%	118,781,895	112,130,669	5.9%
5-YR NOTE	25,704	22,288	15.3%	12,965,212	10,757,261	20.5%	112,059	92,161	21.6%	69,676,997	59,367,088	17.4%
2-YR NOTE	5,212	1,228	324.4%	4,486,805	4,158,871	7.9%	6,395	2,408	165.6%	25,618,605	23,827,366	7.5%
FED FUND	0	0	0.0%	3,808,171	2,115,908	80.0%	0	0	0.0%	19,219,484	9,496,583	102.4%
5-YR SWAP RATE	0	0	0.0%	37,711	33,993	10.9%	0	0	0.0%	211,989	235,216	-9.9%
2-YR SWAP RATE	0	0	0.0%	0	385	-100.0%	0	0	0.0%	0	4,381	-100.0%
10-YR SWAP RATE	0	0	0.0%	29,598	24,470	21.0%	0	0	0.0%	174,790	175,833	-0.6%
7-YR SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,052	-100.0%
ULTRA T-BOND	0	0	0.0%	1,493,430	1,367,726	9.2%	0	0	0.0%	9,031,781	8,393,252	7.6%
Ultra 10-Year Note	0	0	0.0%	1,405,914	927,641	51.6%	8	0	0.0%	7,561,300	2,896,516	161.0%
30-YR SWAP RATE	0	0	0.0%	885	1,354	-34.6%	0	0	0.0%	5,964	7,283	-18.1%
<b>Interest Rate Options</b>												
30-YR BOND	186,884	196,399	-4.8%	1,646,973	1,087,008	51.5%	988,751	1,145,957	-13.7%	6,815,304	5,862,762	16.2%
10-YR NOTE	2,201,185	1,834,408	20.0%	8,935,801	4,037,972	121.3%	9,527,394	9,201,076	3.5%	32,430,077	19,625,989	65.2%
5-YR NOTE	362,929	377,131	-3.8%	1,992,601	1,087,417	83.2%	2,569,785	2,728,168	-5.8%	8,571,231	5,316,224	61.2%
2-YR NOTE	35,510	70,681	-49.8%	47,440	120,264	-60.6%	116,494	174,860	-33.4%	255,187	314,516	-18.9%
FED FUND	0	1,750	-100.0%	0	108	-100.0%	7,398	31,630	-76.6%	1,106	1,566	-29.4%
ULTRA T-BOND	0	1,115	-100.0%	3,961	4,570	-13.3%	1,003	4,891	-79.5%	7,969	13,899	-42.7%
Ultra 10-Year Note	0	0	0.0%	600	47	1,176.6%	952	400	138.0%	6,499	163	3,887.1%
<b>Equity Index Futures</b>												
DJIA	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MINI \$5 DOW	0	0	0.0%	2,719,008	3,156,783	-13.9%	0	0	0.0%	11,438,091	15,883,571	-28.0%
DJ US REAL ESTATE	0	0	0.0%	14,871	6,650	123.6%	0	0	0.0%	55,013	42,043	30.8%
<b>Equity Index Options</b>												
DJIA	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MINI \$5 DOW	0	0	0.0%	2,710	9,372	-71.1%	0	0	0.0%	21,375	64,219	-66.7%

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<b>Energy Futures</b>												
ETHANOL	0	0	0.0%	16,095	13,085	23.0%	0	0	0.0%	68,918	53,914	27.8%
ETHANOL FWD	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>Commodities and Alternative Investments</b>												
<b>Futures</b>												
CORN	30,858	56,431	-45.3%	8,401,782	11,148,349	-24.6%	126,947	139,369	-8.9%	27,865,771	30,179,190	-7.7%
SOYBEAN	13,437	48,828	-72.5%	4,338,289	8,046,652	-46.1%	57,146	126,724	-54.9%	16,540,752	20,954,996	-21.1%
SOYBEAN MEAL	1,571	6,446	-75.6%	2,293,945	3,181,251	-27.9%	9,553	16,538	-42.2%	7,946,713	8,254,595	-3.7%
SOYBEAN OIL	5,447	4,863	12.0%	2,552,428	3,331,500	-23.4%	16,143	16,143	0.0%	9,549,635	9,049,228	5.5%
OATS	0	0	0.0%	14,313	25,438	-43.7%	77	0	0.0%	55,541	76,969	-27.8%
ROUGH RICE	0	0	0.0%	33,507	40,405	-17.1%	0	0	0.0%	92,251	104,414	-11.6%
MINI CORN	0	0	0.0%	9,283	15,834	-41.4%	0	0	0.0%	35,525	38,048	-6.6%
MINI SOYBEAN	0	0	0.0%	12,546	47,239	-73.4%	0	0	0.0%	68,497	88,945	-23.0%
MINI WHEAT	0	0	0.0%	5,557	8,279	-32.9%	0	0	0.0%	21,717	22,211	-2.2%
DOW-UBS COMMOD INDEX	0	0	0.0%	57,572	25,529	125.5%	0	0	0.0%	213,519	130,010	64.2%
KC WHEAT	1,942	1,492	30.2%	1,120,973	962,942	16.4%	4,168	6,389	-34.8%	3,769,026	2,909,082	29.6%
Intercommodity Spread	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CHI WHEAT	15,262	23,241	-34.3%	3,253,066	3,559,667	-8.6%	76,606	72,277	6.0%	11,016,298	10,586,841	4.1%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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<b>Commodities and Alternative Investments</b>												
<b>Options</b>												
CORN	518,207	816,694	-36.5%	1,302,650	1,636,088	-20.4%	2,098,291	2,368,800	-11.4%	5,004,911	4,405,278	13.6%
SOYBEAN	242,569	687,896	-64.7%	805,114	2,192,249	-63.3%	1,294,469	1,838,645	-29.6%	3,704,552	5,290,087	-30.0%
SOYBEAN MEAL	42,771	98,633	-56.6%	109,319	242,102	-54.8%	226,913	260,126	-12.8%	473,893	542,732	-12.7%
SOYBEAN OIL	86,942	90,412	-3.8%	81,030	125,603	-35.5%	340,270	374,015	-9.0%	359,453	420,340	-14.5%
SOYBEAN CRUSH	105	1,134	-90.7%	0	0	0.0%	295	3,022	-90.2%	0	0	0.0%
OATS	481	937	-48.7%	562	819	-31.4%	2,622	2,454	6.8%	2,115	2,422	-12.7%
ROUGH RICE	1,024	531	92.8%	1,057	1,175	-10.0%	2,390	1,906	25.4%	3,253	6,547	-50.3%
WHEAT	486	0	0.0%	125	0	0.0%	547	0	0.0%	127	0	0.0%
CORN NEARBY+2 CAL SPRD	100	3,302	-97.0%	6	0	0.0%	2,525	7,559	-66.6%	11	56	-80.4%
SOYBN NEARBY+2 CAL SPRD	200	0	0.0%	0	0	0.0%	360	350	2.9%	600	0	0.0%
WHEAT NEARBY+2 CAL SPRD	705	2,495	-71.7%	693	0	0.0%	3,220	19,937	-83.8%	1,930	765	152.3%
JULY-DEC CORN CAL SPRD	4,212	11,720	-64.1%	0	102	-100.0%	7,512	23,765	-68.4%	0	153	-100.0%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
JULY-NOV SOYBEAN CAL SPR	9,298	22,700	-59.0%	20	139	-85.6%	51,013	29,693	71.8%	1,184	238	397.5%
JULY-DEC WHEAT CAL SPRD	0	8,535	-100.0%	0	100	-100.0%	1,150	19,030	-94.0%	0	100	-100.0%
JULY-JULY WHEAT CAL SPRD	0	230	-100.0%	0	0	0.0%	0	230	-100.0%	0	0	0.0%
NOV-NOV SOYBEAN CAL SPR	12	79	-84.8%	0	0	0.0%	76	208	-63.5%	0	0	0.0%
SOYMEAL NEARBY+2 CAL SPR	0	100	-100.0%	0	0	0.0%	0	2,575	-100.0%	0	0	0.0%
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0.0%	420	0	0.0%	10	0	0.0%
SOY OIL NEARBY+2 CAL SPRD	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.0%	25	0	0.0%	0	0	0.0%
WHEAT-CORN ICSCO	760	121	528.1%	0	0	0.0%	3,205	5,357	-40.2%	6	0	0.0%
DEC-DEC CORN CAL SPRD	257	1,033	-75.1%	0	0	0.0%	1,447	2,806	-48.4%	0	5	-100.0%
DEC-JULY CORN CAL SPRD	0	0	0.0%	0	0	0.0%	3,900	0	0.0%	0	0	0.0%
AUG-NOV SOYBEAN CAL SPR	0	-	-	0	-	-	0	-	-	0	-	-
KC WHEAT	17,254	20,568	-16.1%	23,804	22,109	7.7%	50,342	72,576	-30.6%	90,786	57,906	56.8%
Intercommodity Spread	0	0	0.0%	0	0	0.0%	201	1,850	-89.1%	0	0	0.0%
CHI WHEAT	165,665	230,287	-28.1%	448,699	631,555	-29.0%	630,609	802,114	-21.4%	1,811,532	1,924,711	-5.9%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.0%	1,293	1,650	-21.6%	76	0	0.0%
AUG-DEC SOYBEAN MEAL CS	0	-	-	0	-	-	0	-	-	0	-	-
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0	0.0%	0	2,416	-100.0%	0	4	-100.0%
SEP-DEC SOYBEAN MEAL CSC	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MAR-DEC CORN CAL SPRD	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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<b>Ags Futures</b>												
WHEAT	0	-	-	11,947	-	-	0	-	-	42,548	-	-
<b>Ags Options</b>												
WHEAT	0	-	-	0	-	-	0	-	-	10	-	-
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	189,875	135,801	39.8%	53,643,965	45,490,709	17.9%	764,567	705,416	8.4%	272,608,989	239,241,179	13.9%
Equity Index Futures	0	0	0.0%	2,733,879	3,163,433	-13.6%	0	0	0.0%	11,493,104	15,925,614	-27.8%
Energy Futures	0	0	0.0%	16,095	13,085	23.0%	0	0	0.0%	68,918	53,914	27.8%
Commodities and Alternative Inve	68,517	141,301	-51.5%	22,093,261	30,393,085	-27.3%	290,640	377,440	-23.0%	77,175,245	82,394,529	-6.3%
Ags Futures	0	-	-	11,947	-	-	0	-	-	42,548	-	-
<b>TOTAL FUTURES</b>	<b>258,392</b>	<b>277,102</b>	<b>-6.8%</b>	<b>78,499,147</b>	<b>79,060,312</b>	<b>-0.7%</b>	<b>1,055,207</b>	<b>1,082,856</b>	<b>-2.6%</b>	<b>361,388,804</b>	<b>337,615,236</b>	<b>7.0%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	2,710	9,372	-71.1%	0	0	0.0%	21,375	64,219	-66.7%
Interest Rate Options	2,786,508	2,481,484	12.3%	12,627,376	6,337,386	99.3%	13,211,777	13,286,982	-0.6%	48,087,373	31,135,119	54.4%
Commodities and Alternative Inve	1,091,048	1,997,407	-45.4%	2,773,079	4,852,041	-42.8%	4,723,095	5,841,084	-19.1%	11,454,439	12,651,344	-9.5%
Ags Options	0	-	-	0	-	-	0	-	-	10	-	-
<b>TOTAL OPTIONS</b>	<b>3,877,556</b>	<b>4,478,891</b>	<b>-13.4%</b>	<b>15,403,165</b>	<b>11,198,799</b>	<b>37.5%</b>	<b>17,934,872</b>	<b>19,128,066</b>	<b>-6.2%</b>	<b>59,563,197</b>	<b>43,850,682</b>	<b>35.8%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	2,976,383	2,617,285	13.7%	66,271,341	51,828,095	27.9%	13,976,344	13,992,398	-0.1%	320,696,362	270,376,298	18.6%
Equity Index	0	0	0.0%	2,736,589	3,172,805	-13.7%	0	0	0.0%	11,514,479	15,989,833	-28.0%
Energy	0	0	0.0%	16,095	13,085	23.0%	0	0	0.0%	68,918	53,914	27.8%
Commodities and Alternative Inve	1,159,565	2,138,708	-45.8%	24,866,340	35,245,126	-29.4%	5,013,735	6,218,524	-19.4%	88,629,684	95,045,873	-6.8%
Ags	0	-	-	11,947	-	-	0	-	-	42,558	-	-
<b>GRAND TOTAL</b>	<b>4,135,948</b>	<b>4,755,993</b>	<b>-13.0%</b>	<b>93,902,312</b>	<b>90,259,111</b>	<b>4.0%</b>	<b>18,990,079</b>	<b>20,210,922</b>	<b>-6.0%</b>	<b>420,952,001</b>	<b>381,465,918</b>	<b>10.4%</b>

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