

## MARGIN REQUIREMENTS – CBOE FUTURES EXCHANGE

Effective 4-20-2016

Contract	Speculative Customer Initial <sup>1</sup>	Customer Maintenance <sup>2</sup> Hedger & TPH <sup>3</sup> Initial Hedger & TPH Maintenance	Spread <sup>4</sup> Speculative Customer Initial	Spread Customer Maintenance Spread Hedger & TPH Initial Spread Hedger & TPH Maintenance
<b>CBOE Volatility Index (VX) – Monthly Expirations<sup>5 6</sup></b>				
May 2016	\$6,215	\$5,650	See the VX table below.	See the VX table below.
Jun. 2016	4,015	3,650		
Jul. 2016	4,015	3,650		
Aug. 2016	2,860	2,600		
Sep. 2016	2,860	2,600		
Oct. 2016	2,860	2,600		
Nov. 2016	3,168	2,880		
Dec. 2016	3,168	2,880		
<b>CBOE Volatility Index (VX) – Weekly Expirations<sup>7 8</sup></b>	\$6,215	\$5,650	\$6,600	\$6,000
<b>CBOE Russell 2000 Volatility Index (VU)<sup>9</sup></b>				
May 2016	\$4,675	\$4,250	See the VU table below.	See the VU table below.
Jun. 2016	4,180	3,800		
Jul. 2016	4,180	3,800		
<b>S&amp;P 500 Variance (VA)</b>				
May 2016	\$165	\$150	See the VA table below.	See the VA table below.
Jun. 2016	\$120	\$109		
Jul. 2016	\$132	\$120		
Aug. 2016	\$165	\$150		
Sep. 2016	\$238	\$216		
Dec. 2016	\$118	\$107		
Jan. 2017	\$182	\$165		
Mar. 2017	\$165	\$150		
Jun. 2017	\$132	\$120		
Dec. 2017	\$85	\$77		
Dec. 2018	\$83	\$75		

This margin information is only a brief summary and should only serve as a supplement to careful review of relevant CFE rules, OCC rules, Commodity Exchange Act (CEA) provisions, and CEA regulations dealing with margin requirements. The requirements explained here are based on publication date rules and regulations, and therefore, subject to change. This information should be used as a reference document and is not intended to be an all-encompassing restatement of applicable margin requirements. Brokerage firms may require customers to post higher margins than the minimum margins specified.

Contract	Speculative Customer Initial <sup>1</sup>	Customer Maintenance <sup>2</sup> Hedger & TPH <sup>3</sup> Initial Hedger & TPH Maintenance	Spread <sup>4</sup> Speculative Customer Initial	Spread Customer Maintenance Spread Hedger & TPH Initial Spread Hedger & TPH Maintenance
<b>CBOE/CBOT 10-Year Treasury Note Volatility Index (TYVIX)</b>	\$770	\$700	\$770	\$700

CBOE Volatility Index (VX)  
Intra-Commodity Rates (Calendar Spreads)

	Speculative Customer Initial	- Customer Maintenance - Hedger & TPH Initial - Hedger & TPH Maintenance
Tier 1 (Month 1) vs. Tier 2 (Month 2, Month 3)	\$2,277	\$2,070
Tier 1 (Month 1) vs. Tier 3 (Month 4, Month 5, Month 6)	\$3,905	\$3,550
Tier 1 (Month 1) vs. Tier 4 (Month 7, Month 8, Month 9)	\$3,520	\$3,200
Tier 2 (Month 2, Month 3) vs. Tier 2 (Month 2, Month 3)	\$792	\$720
Tier 2 (Month 2, Month 3) vs. Tier 3 (Month 4, Month 5, Month 6)	\$1,606	\$1,460
Tier 2 (Month 2, Month 3) vs. Tier 4 (Month 7, Month 8, Month 9)	\$2,167	\$1,970
Tier 3 (Month 4, Month 5, Month 6) vs. Tier 3 (Month 4, Month 5, Month 6)	\$539	\$490
Tier 3 (Month 4, Month 5, Month 6) vs. Tier 4 (Month 7, Month 8, Month 9)	\$1,309	\$1,190
Tier 4 (Month 7, Month 8, Month 9) vs. Tier 4 (Month 7, Month 8, Month 9)	\$1,122	\$1,020

CBOE Russell 2000 Volatility Index (VU)  
Intra-Commodity Rates (Calendar Spreads)

	Speculative Customer Initial	- Customer Maintenance - Hedger & TPH Initial - Hedger & TPH Maintenance
Tier 1 (Month 1) vs. Tier 2 (Month 2, Month 3, Month 4)	\$4,103	\$3,730
Tier 2 (Month 2, Month 3, Month 4) vs. Tier 2 (Month 2, Month 3, Month 4)	\$3,652	\$3,320

S&P 500 Variance (VA)  
Intra-Commodity Rates (Calendar Spreads)

As the S&P 500 Variance futures margin rates generally differ by contract month, the table of calendar spread rates below is only a sample of the total number of combinations. However, for any combination of contract months, the spread margin rate can be determined by taking the absolute value of the difference between the outright margin rates on a 1:1 ratio for the two applicable contract months and adding \$50 per spread.

	Speculative Customer Initial	- Customer Maintenance - Hedger & TPH Initial - Hedger & TPH Maintenance
Tier 1 (Month 1) vs. Tier 2 (Month 2)	\$100	\$91
Tier 1 (Month 1) vs. Tier 3 (Month 3)	\$88	\$80
Tier 1 (Month 1) vs. Tier 4 (Month 4)	\$55	\$50
Tier 1 (Month 1) vs. Tier 5 (Month 5)	\$128	\$116
Tier 1 (Month 1) vs. Tier 6 (Month 6)	\$102	\$93
Tier 1 (Month 1) vs. Tier 7 (Month 7)	\$72	\$65
Tier 1 (Month 1) vs. Tier 8 (Month 8)	\$55	\$50
Tier 1 (Month 1) vs. Tier 9 (Month 9)	\$88	\$80
Tier 1 (Month 1) vs. Tier 10 (Month 10)	\$135	\$123
Tier 1 (Month 1) vs. Tier 11 (Month 11)	\$138	\$125

<sup>1</sup> Shading indicates customer initial margin requirements set by OCC. The customer initial margin requirement is 110% of OCC's clearing member margin requirement.

<sup>2</sup> CFE sets the customer maintenance margin requirement equal to the OCC clearing member margin requirement.

<sup>3</sup> TPH Permit means the account of a person possessing a Trading Privilege Holder Permit that allows access to the CBOE Futures Exchange, LLC trading system.

<sup>4</sup> All spread margin requirements shown are for intra-commodity spreads.

<sup>5</sup> 75% inter-commodity spread credit vs. VU.

<sup>6</sup> 85% inter-commodity spread credit vs. weekly VX.

<sup>7</sup> 75% inter-commodity spread credit vs. VU.

<sup>8</sup> 85% inter-commodity spread credit vs. monthly VX.

<sup>9</sup> 75% inter-commodity spread credit vs. weekly and monthly VX.