## MARGIN REQUIREMENTS - CBOE FUTURES EXCHANGE

## Effective 12-21-2015

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
CBOE Volatility Index (VX) – Monthly Expirations <sup>5 6</sup>				
Jan. 2016 Feb. 2016 Mar. 2016 Apr. 2016 May 2016 Jun. 2016 Jul. 2016 Aug.2016 Sep. 2016	\$6,215 4,015 4,015 3,102 3,102 3,102 3,102 3,102 3,102	\$5,650 3,650 3,650 2,820 2,820 2,820 2,820 2,820 2,820 2,820	See the VX table below.	See the VX table below.
CBOE Volatility Index (VX) – Weekly Expirations <sup>7 8</sup>	\$6,215	\$5,650	\$6,600	\$6,000
CBOE Russell 2000 Volatility Index (VU) <sup>9</sup>		<del>, -,</del>	¥-,	<del>+-,</del>
Jan. 2016 Feb. 2016 Mar. 2016 Apr. 2016	\$4,510 3,740 3,740 3,740	\$4,100 3,400 3,400 3,400	See the VU table below.	See the VU table below.
S&P 500 Variance (VA)  Jan. 2016 Feb. 2016 Mar. 2016 Apr. 2016 Jun. 2016 Sep. 2016 Dec. 2016 Jan. 2017 Jun. 2017 Dec. 2017 Dec. 2018	\$220 193 128 99 52 89 65 81 120 66 83	\$200 175 116 90 47 81 59 74 109 60 75	See the VA table below.	See the VA table below.

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.

	Speculative	Customer Maintenance <sup>2</sup>	Spread <sup>4</sup>	Spread Customer Maintenance
	Customer	Hedger & TPH <sup>3</sup> Initial	Speculative Customer	Spread Hedger & TPH Initial
Contract	Initial1	Hedger & TPH Maintenance	Initial	Spread Hedger & TPH Maintenance
CBOE/CBOT 10-Year Treasury Note				
Volatility Index (TYVIX)	\$1,320	\$1,200	\$1,188	\$1,080

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)	\$2,332	\$2,120
Tier 1 (Month 1) vs. Tier 3 (Month 4, Month 5, Month 6)	\$3,685	\$3,350
Tier 1 (Month 1) vs. Tier 4 (Month 7, Month 8, Month 9)	\$3,740	\$3,400
Tier 2 (Month 2, Month 3) vs. Tier 2 (Month 2, Month 3)	\$979	\$890
Tier 2 (Month 2, Month 3) vs. Tier 3 (Month 4, Month 5, Month 6)	\$2,332	\$2,120
Tier 2 (Month 2, Month 3) vs. Tier 4 (Month 7, Month 8, Month 9)	\$2,387	\$2,170
Tier 3 (Month 4, Month 5, Month 6) vs. Tier 3 (Month 4, Month 5, Month 6)	\$880	\$800
Tier 3 (Month 4, Month 5, Month 6) vs. Tier 4 (Month 7, Month 8, Month 9)	\$1,881	\$1,710
Tier 4 (Month 7, Month 8, Month 9) vs. Tier 4 (Month 7, Month 8, Month 9)	\$1,980	\$1,800

CBOE Russell 2000 Volatility Index (VU)	Speculative	- Customer Maintenance
Intra-Commodity Rates (Calendar Spreads)	Customer	- Hedger & TPH Initial
	Initial	- Hedger & TPH Maintenance
Tier 1 (Month 1) vs. Tier 2 (Month 2, Month 3, Month 4)	\$5,170	\$4,700
Tier 2 (Month 2, Month 3, Month 4) vs. Tier 2 (Month 2, Month 3, Month 4)	\$4,730	\$4,300

## 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)	\$83	\$75
Tier 1 (Month 1) vs. Tier 3 (Month 3)	\$147	\$134
Tier 1 (Month 1) vs. Tier 4 (Month 4)	\$176	\$160
Tier 1 (Month 1) vs. Tier 5 (Month 5)	\$223	\$203
Tier 1 (Month 1) vs. Tier 6 (Month 6)	\$186	\$169
Tier 1 (Month 1) vs. Tier 7 (Month 7)	\$210	\$191
Tier 1 (Month 1) vs. Tier 8 (Month 8)	\$194	\$176
Tier 1 (Month 1) vs. Tier 9 (Month 9)	\$155	\$141
Tier 1 (Month 1) vs. Tier 10 (Month 10)	\$209	\$190
Tier 1 (Month 1) vs. Tier 11 (Month 11)	\$193	\$175

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

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

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

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

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

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

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