
Livevol Fees (51)						
Open-Close Data						
Data Products	[Download per Cboe Security]		Download** all Cboe Securities (Equities, Indexes and ETFs)		Download Daily Updates all Cboe Securities (Equities, Indexes & ETFs)	Notes
	[One - Nine Years (price per month)]	[Ten or More Years (price per month)]	One-Four Years (price per month)	Five or More Years (price per month)	Monthly	
Open Close	[\$4.50]	[\$2.25]	\$600.00*	\$300.00*	\$600.00	**Academic discount applies. Qualifying Academic Purchasers will be charged \$1,500 per year and \$125 per month for each additional month.
Intraday Open-Close Data						
Data Products	Subscription Fee	Ad-hoc Request (historical data)				
Intraday Open Close	\$2,000 per month	\$1,000 per month				*Academic discount applies to Ad-hoc Requests. Qualifying Academic Purchasers will be charged \$3,000 per year for the first year and \$250 per month for each additional month.
	\$24,000 per year					**For the months of September through December 2022, a free trial is available for up to 3 months of Intraday Open-Close Historical Data to both TPHs and non-TPHs who have not previously subscribed to Intraday Open-Close Historical Data.
Open-Close Derived Data						
External Distribution Fee	\$5,000 per month					The fee for external distribution of Derived Data from Open-Close Data is in addition to fees for the End-of-Day product or the Intraday product, or both, as applicable. "Derived Data" is pricing data or other data that (i) is created in whole or in part from Data, (ii) is not an index or financial product, and (iii) cannot be readily reverse-engineered to recreate Data or used to create other data that is a reasonable facsimile or substitute for Data.

Routing Fees (12)			
Capacity	Transaction Fee Per Contract	Description	Notes
Customer	{RD} \$0.25	Routed to AMEX, BOX, BX, EDGX, [MERC,]MIAX, PHLX[,] (excluding SPY), ETF, Equity	Multiple orders from the same executing firm for itself or for a CMTA or correspondent firm in the same series on the same side of the market that are received within 500 milliseconds will be aggregated for purposes of determining the order quantity. Cboe Options will not pass through or otherwise charge customer orders (of any size) routed to other exchanges that were originally transmitted to the Exchange from the trading floor through an Exchange-sponsored terminal.
	{RF} \$0.75	Routed to ARCA, BZX, C2, ISE, GMNI, MERC, EMLD, PERL, NOMX, MEMX, PHLX (SPY only), ETF, Equity, Penny	
	{RI} \$1.25	Routed to ARCA, BZX, C2, ISE, GMNI, MERC, EMLD, PERL, NOMX, MEMX, ETF, Equity, Non-Penny	
	{RS} \$0.48	Routed, Index	
	{TD} \$0.18	Routed to AMEX, BOX, BX, EDGX, [MERC,]MIAX, PHLX, ≥ 100 contracts, ETF, originating on Exchange-sponsored terminal	
	{TE} \$0.00	Routed to AMEX, BOX, BX, EDGX, [MERC,]MIAX, PHLX, < 100 contracts ETF, Equity, originating on Exchange-sponsored terminal	
	{TF} \$0.18	Routed to ARCA, BZX, C2, ISE, GMNI, MERC, EMLD, PERL, NOMX, MEMX, ≥ 100 contracts ETF, Penny, originating on Exchange-sponsored terminal	
	{TG} \$0.18	Routed to ARCA, BZX, C2, ISE, GMNI, MERC, EMLD, PERL, NOMX, MEMX, ≥ 100 contracts ETF, Non-Penny, originating on Exchange-sponsored terminal	
	{TH} \$0.00	Routed to ARCA, BZX, C2, ISE, GMNI, MERC, EMLD, PERL, NOMX, MEMX, <100 contracts ETF, Equity, Penny, originating on Exchange-sponsored terminal	
	{TI} \$0.00	Routed to ARCA, BZX, C2, ISE, GMNI, MERC, EMLD, PERL, NOMX, MEMX, <100 contracts ETF, Equity, Non-Penny, originating on Exchange-sponsored terminal	
Non-Customer	{TS} \$0.18	Routed, Index, originating on Exchange-sponsored terminal	
	{RJ} \$1.17	Routed, Penny	
	{RK} \$1.45	Routed, Non-Penny	

Footnotes:

Footnote Number	Description
48	<p>For purposes of this Program, "Retail" volume will be defined as Customer orders ("C" capacity code) for which the original order size (in the case of a simple order) or largest leg size (in the case of a complex order) is [100]20 contracts or less). Additionally "Qualifying Classes" will be defined as SPX (including SPXW), VIX, RUT, MXEA & MXEF. [To determine an Originating Firm's Qualifying Tier, the Originating Firm's total Retail volume in the Qualifying Classes will be divided by the Originating Firm's total Customer volume, Retail and non-Retail, in the Qualifying Classes. If an Originating Firm's Retail volume is between 20.00% and 69.99%, the Originating Firm will qualify for Tier B discounts. If an Originating Firm's Retail volume is at or above 70.00%, the Originating Firm will qualify for Tier A discounts. The Qualifying Tier that is applied in a given month is based on an Originating Firm's Retail volume in the prior month. For the]To determine an Originating Firm's Discount Tier, an Originating Firm's Retail volume in the Qualifying Classes will be divided by total Retail volume in the Qualifying Classes executed on the Exchange. The Clearing Trading Permit Holder that is billed for an Originating Firm's transactions under this program will receive the applicable discounts. If there is more than one Clearing Trading Permit Holder that is billed for an Originating Firm's transactions under this program, then the discounts will be applied on a pro rata basis.</p>
51	<p>Fees for Open-Close Data will be waived for recipients of the Options Institute Research Grant Program 2023.</p>