



NYSE Options Complex Volume Summary Report Interface Requirement Specification

NYSE ARCA Options
NYSE American Options

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Background

This document outlines the NYSE Options Complex Volume Summary Report which provides Daily and MTD exchange wide stats of the electronic Complex order activity at the underlying Symbol level with breakdowns by various participant types (i.e., CustomerOrFirm values) and additional stats of order counts, complex instrument counts, legging stats, COA breakdowns etc. This report includes all electronic complex trades including those that leg into the outright book.

Naming Conventions and Formatting

1. Output file will be made available for secure pick-up via Managed File Transfer (MFT).
2. Output file will conform to the following standards:
 - a. All files will be comma delimited.
 - b. Headers will not be provided.
 - c. Files will be compressed and delivered as .dat.gz
 - d. File naming convention will support standard versioning controls.
3. The output files will be sorted by Underlying Symbols.
4. The Complex Volume Summary Report includes exchange wide options trading activity. Each firm receives a copy of the same report with exchange-wide stats.
5. The Complex Volume Summary Report shall follow standard naming convention:
 - a. <MIC>_COMPLEX_VOL_SUMMARY_EF_ALL_<MFTID>_YYYYMMDD_Vx.dat.gz
 - i. ARCA Options: ARCO_COMPLEX_VOL_SUMMARY_EF_ALL_<MFTID>_YYYYMMDD_Vx.dat.gz
 - ii. AMEX Options: AMXO_COMPLEX_VOL_SUMMARY_EF_ALL_<MFTID>_YYYYMMDD_Vx.dat.gz
6. The Complex Volume Summary Report will be produced daily and will be available by 11:00pm.
7. As new enhancements are made to these outputs, customers may expect to receive both current and new versions in their MFT file folder. All new versions will be tagged with a version number which will then allow the customer to migrate to the new file format when ready. Advance notification of dates will be provided with a minimum of 30 day notice dependent upon size and scope of changes.
 - a. After the migration timeframe has expired, customers will see only the latest version in their MFT folders

Contact Information

Firms may request to subscribe to any of the outputs by contacting NYSE-CustomerOutput@theice.com.

Complex Volume Summary Report Format

Report Record Format

The NYSE Options Complex Volume Summary Report is produced in the below format:

- The Complex Volume Summary Report additionally provides a Totals Row with the consolidated stats as the first row of the report.

#	Field Name	Field Description	Format	Valid Value
01	Trade Date	Trade Date	YYYYMMDD Integer (8)	
02	Underlying Symbol	Underlying Symbol	Varchar (10)	Underlying Symbol 'TOTALS' in the Totals row.
03	Spread	Penny/spread program for the underlying symbol	Integer (3)	Values: 0 - Penny 1 - Penny Nickel 5 - Nickel Dime
04	Daily Away MM Volume	Daily Away MM Complex Execution Volume for an Underlying Symbol	Integer (12)	Calculated daily.
05	Daily Customer Volume	Daily Customer Complex Execution Volume for an Underlying Symbol	Integer (12)	Calculated daily.
06	Daily MM Volume	Daily Market Maker Complex Execution Volume for an Underlying Symbol	Integer (12)	Calculated daily.
07	Daily ProCust Volume	Daily ProCust Complex Execution Volume for an Underlying Symbol	Integer (12)	Calculated daily.
08	Daily Firm Volume	Daily Firm Complex Execution Volume for an Underlying Symbol	Integer (12)	Calculated daily.

#	Field Name	Field Description	Format	Valid Value
09	Daily Broker Dealer Volume	Daily Broker Dealer Complex Execution Volume for an Underlying Symbol	Integer (12)	Calculated daily.
10	Daily Total Complex Volume	Daily electronic Complex volume for an Underlying symbol.	Integer (12)	Calculated daily.
11	Daily Complex Order Count	Daily Complex order count for an Underlying symbol	Integer (10)	Calculated daily.
12	Daily Complex Series Count	Daily Complex Series count for an Underlying symbol.	Integer (10)	Calculated daily.
13	Daily Mean Execution Size	Daily Mean Execution Size per Complex Order per Underlying Symbol.	Decimal (6,2)	Calculated daily.
14	Daily Legged Volume	Daily Complex Legged Volume for an Underlying symbol.	Integer (12)	Calculated daily.
15	Daily Legged Executions Count	Daily count of legged complex executions for an Underlying Symbol.	Integer (12)	Calculated daily.
16	Daily Mean Count of Legs	Daily Average count of legs of Complex Series that traded electronically per Underlying Symbol.	Decimal (10,2)	Calculated daily.
17	Daily Complex Only Volume	Daily volume of Complex only Complex trades for an underlying symbol.	Integer (12)	Calculated daily.
18	Daily COA Response Count	Daily count of responses that traded against a COA order.	Integer (10)	Calculated daily.

#	Field Name	Field Description	Format	Valid Value
19	Daily COA Executed Volume	Daily executed COA volume.	Integer (12)	Calculated daily.
20	Total Daily electronic volume	Daily Total electronic volume for the Underlying Symbol	Integer (12)	Calculated daily.
21	MTD Away MM Volume	MTD Away MM Complex Execution Volume for an Underlying Symbol	Integer (20)	Calculated daily.
22	MTD Customer Volume	MTD Customer Complex Execution Volume for an Underlying Symbol	Integer (20)	Calculated daily.
23	MTD MM Volume	MTD Market Maker Complex Execution Volume for an Underlying Symbol	Integer (20)	Calculated daily.
24	MTD ProCust Volume	MTD ProCust Complex Execution Volume for an Underlying Symbol	Integer (20)	Calculated daily.
25	MTD Firm Volume	MTD Firm Complex Execution Volume for an Underlying Symbol	Integer (20)	Calculated daily.
26	MTD Broker Dealer Volume	MTD Broker Dealer Complex Execution Volume for an Underlying Symbol	Integer (20)	Calculated daily.
27	MTD Total Complex Volume	MTD electronic Complex volume for an Underlying symbol.	Integer (20)	Calculated daily.
28	MTD Complex Order Count	MTD Complex order count for an Underlying symbol	Integer (20)	Calculated daily.
29	MTD Complex Series Count	MTD Complex Series count for an Underlying symbol.	Integer (10)	Calculated daily.

#	Field Name	Field Description	Format	Valid Value
30	MTD Mean Execution Size	MTD Mean Execution Size per Complex Order.	Decimal (6,2)	Calculated daily.
31	MTD Legged Volume	MTD Complex Legged Volume for an Underlying symbol.	Integer (20)	Calculated daily.
32	MTD Legged Executions Count	MTD count of legged complex executions for an Underlying Symbol.	Integer (20)	Calculated daily.
33	MTD Mean Count of Legs	MTD Average count of legs of all Complex Series that traded electronically per Underlying Symbol.	Decimal (10,2)	Calculated daily.
34	MTD Complex Only Volume	MTD volume of Complex only Complex trades for an underlying symbol.	Integer (20)	Calculated daily.
35	MTD COA Response Count	MTD count of responses that traded against a COA order.	Integer (20)	Calculated daily.
36	MTD COA Executed Volume	MTD executed COA volume.	Integer (20)	Calculated daily.
37	MTD Total electronic volume	MTD Total electronic volume	Integer (20)	Calculated daily.

Appendices

Appendix A: Available Options Output Summary

#	Output	Available Markets	Available Subscriptions	Contents
1	NYSE Options Execution Report Output	NYSE Arca Options NYSE American Options	Outputs will be made available for one or more MPID's for Entering Firms, one or more clearing numbers for Clearing Firms, by Broker Firm MPID or by MMID for Market Making Firms.	This execution report output summarizes all report allocations, including reversals and corrections, executed at the NYSE or at an away market. Any corrected trades performed on a T+N basis will be included for the trading day in which the correction occurred.
2	NYSE Options GTC Order Report Output	NYSE Arca Options NYSE American Options	Outputs will be made available for one or more MPID's for Entering Firms only.	This order output includes all GTC orders at the end of the day that will carry over to the next day trading. This file will not include GTC orders expiring on account of Series expiration at the end of the trading day. Note: This file is produced before the nightly corporate action process and therefore may include GTC orders that are set to be canceled overnight on account of a corporate action.
3	NYSE Options Risk Report Output	NYSE Arca Options NYSE American Options	Outputs will be made available for one or more MPID's for Entering Firms, one or more clearing numbers for Clearing Firms, or by MMID for Market Making Firms.	This output includes information on risk controls including firm defined pre-set risk thresholds, breaches and any associated actions taken to resolve such as blocking of new orders, or order cancelations.
4	NYSE Options Gateway Metric Report	NYSE Arca Options NYSE American Options	Outputs will be made available for Entering Firms at Firm CRD level only.	This output summarizes daily Options Gateway performance at end of day.

#	Output	Available Markets	Available Subscriptions	Contents
5	NYSE Options Unified Market Maker Report	NYSE Arca Options NYSE American Options	Outputs will be made available for either a single MMID or Market Maker Firm CRD level.	This output provides Market Makers with a daily, month to date or quarterly view (NYSE American Options only) of Market Maker performance. As part of this output, Market Makers may also subscribe to a daily list of all active symbols currently subscribed to as a Market Maker.
6	ARCA Options Customer Posting Tier Report	NYSE Arca Options	Outputs will be made available for Entering Firms at Firm CRD level only.	This output provides a daily summary of month to date customer volumes in order for a Firm to track/measure how they are performing in order to meet the customer billing tiering programs.
7	ARCA Options Market Maker Posting Tier Report	NYSE Arca Options	Outputs will be made available for Market Maker level at Firm CRD level only.	This output provides a daily summary of month-to-date Market Maker eligible volumes against Market Maker thresholds for achieving monthly tiers for posting credits and take discounts.
8	ARCA Options Customer CAP Report	NYSE Arca Options	Outputs will be made available for Entering Firms at Firm CRD level only.	This output is generated daily and provides customers with month to date information on how a Firm is tracking towards their cap per month on combined Firm Proprietary Fees and Broker Dealer Fees.
9	NYSE Options Firm Executive Volume Summary Report	NYSE Arca Options NYSE American Options	Outputs will be made available for at Firm CRD level only.	This output is produced monthly, on the first business day of the month, and provides a volume summary over a rolling 13-month time window. Customers have 3 different summary reports that can be subscribed to with varying levels of summary data.
10	NYSE Options Market Maker Rank Report	NYSE Arca Options NYSE American Options	Outputs will be made available for at MM Firm CRD level only.	This output is generated daily and provides month to date (ARCA) or quarter to date (AMEX) information and allows MM Firm to evaluate their performance against their peers by Symbol daily.
11	AMEX Options Customer Posting Tier Report	NYSE American Options	Outputs will be made available for Firms at Firm CRD level only.	This output provides a daily summary of month to date customer volumes in order for a Firm to track/measure how they are performing in order to meet the customer billing tiering programs.

#	Output	Available Markets	Available Subscriptions	Contents
12	AMEX Options Market Maker Posting Tier Report (Sliding Scale)	NYSE American Options	Outputs will be made available for Market Maker level at Firm CRD level only.	This output provides a daily summary of month-to-date Market Maker eligible volumes against Market Maker thresholds for achieving monthly tiers Sliding Scale program.
13	AMEX Options Customer CAP Report	NYSE American Options	Outputs will be made available for Firms at Firm CRD level only.	This output is generated daily and provides customers with month to date information on how a Firm is tracking towards their cap per month on combined Firm Proprietary Fees and Broker Dealer Fees.
14	NYSE American Options MTD CUBE Volume Summary Report	NYSE American Options	Outputs will be made available for any firm and provides exchange wide stats.	This output is generated daily and provides daily and month to date exchange wide CUBE order stats and volumes at the Underlying Symbol level.
15	NYSE Options Electronic and Outcry Volume Report	NYSE Arca Options NYSE American Options	Outputs will be made available for any firm and provides exchange wide stats.	This output is generated daily and provides daily and month to date exchange wide electronic and outcry trade stats and volumes at the Underlying Symbol level.
16	NYSE Options Complex Volume Summary Report	NYSE Arca Options NYSE American Options	Outputs will be made available for any firm and provides exchange wide stats.	This output is generated daily and provides daily exchange wide Complex volumes, Orders and Series stats at the Underlying Symbol level.
17	NYSE Start of day Session Config Output.	NYSE Arca Options NYSE American Options	Outputs will be made available at Firm CRD level only.	This output is generated daily at start of day and provides the session level preferences configured by customers for their sessions.

[Appendix B: Document Version History](#)

Date	Version Number	Change Summary
06/20/2023	1.0	Initial publication