

Execution Summary¹

Average daily matched shares (mm) ^{2,3}	21.1
Total shares executed (mm)	507
Average daily matched notional (mm) ²	1,722
Average trade size (shares)	124
Total symbols traded	8,821

Execution Block Metrics

Average daily volume % block >= 10K shares	4%
Average daily volume % block >= \$200,000	5%
Average daily volume % demi-block (2K – 10K shares)	11%
Average daily volume % demi-block (\$100K – \$200K)	2%

Execution by Execution Price (% of shares)

Under \$1	5%
\$1 - \$4.99	12%
\$5 - \$9.99	8%
\$10 - \$99.99	53%
\$100 +	22%

Execution by Price Relative to the NBBO⁴**FRS Order⁵****CO / Firm-up Order⁶**

% of shares at Midpoint	56%	79%
% of shares inside NBBO except Midpoint	12%	4%
% of shares at NBBO	32%	17%

Execution by Order Type (% of shares)**FRS Order⁵****CO / Firm-up Order⁶**

Midpoint Peg	53%	80%
Limit (No peg instruction)	41%	10%
Primary Peg	5%	3%
Market Peg	1%	7%

Execution by Taker Level⁷ (% of shares)

% of shares taken by Taker Level 1	24%
% of shares taken by Taker Level 2	12%
% of shares taken by Taker Level 3	34%
% of shares taken by Taker Level 4	25%
% of shares taken by Taker Level 5	5%

¹ All shares and notional numbers are single counted.

² Half trading day is counted as a full day

³ Average daily matched shares are rounded down to the nearest decimal number.

⁴ Execution by Price Relative to the NBBO: Information regarding the market data feeds used by Citi-ONE ATS to construct the Best Bid and Offer can be found in Part III, Item 23 Market Data of the Citi-ONE Form ATS-N filing.

⁵ Firm Regular Session (FRS) Orders include executions between two FRS Orders.

⁶ Firm-up Orders associated with Conditional Orders (CO / Firm-up Order) include executions between two Firm-up Orders and executions between one Firm-up Order and one Eligible FRS Order.

⁷ Information regarding the Segmentation including Taker Levels can be found in Part III, Item 13 Segmentation; Notice of the Form ATS-N.

Percentages may not add up to 100% due to rounding practice.

**Exhibit 4: the most recent disclosure of aggregate platform-wide order flow and execution statistics of the ATS as described in Form ATS-N Part III Item 26 Aggregate Platform Data.*

***Exhibit 5: a list and explanation of the categories or metrics for the aggregate platform-wide order flow and execution statistics provided as Exhibit 4 and explain the criteria or methodology used to calculate aggregate platform-wide order flow and execution statistics as described in Form ATS-N Part III Item 26 Aggregate Platform Data.*

Execution Summary

- Average daily matched shares (mm): The total number of matched shares in the month divided by the number of trading days.
- Total shares executed (mm): The total number of matched shares in the month.
- Average daily matched notional (mm): The total matched notional in the month divided by the number of trading days.
- Average Trade Size: Total executed shares divided by the total number of executions for the month.
- Total Symbols Traded: The total number of symbols that the Citi-ONE ATS executed during the month.

Execution Block Metrics

- Average daily volume block % $\geq 10K$ shares: Total shares executed where the share quantity of the execution is $\geq 10,000$ shares, divided by the total shares executed in the Citi-ONE ATS.
- Average daily value block % $\geq \$200k$: Total shares executed where the notional of the execution is $\geq \$200k$ notional, divided by the total shares executed in the Citi-ONE ATS.
- Average daily volume % demi-block (2K – 10K shares): Total shares executed where the share quantity of the execution is $\geq 2,000$ shares, and $< 10,000$ shares, divided by the total shares executed in the Citi-ONE ATS.
- Average daily value % demi-block (\$100K – \$200K): Total shares executed where the notional of the execution is $\geq \$100k$ notional, and $< \$200k$ notional, divided by the total shares executed in the Citi-ONE ATS.

Execution by Execution Price (% of shares)

- Under \$1: Total shares executed where the execution price is $< \$1$, divided by the total shares executed in the Citi-ONE ATS.
- \$1 – \$4.99: Total shares executed where the execution price is $\geq \$1$, and $< \$5$, divided by the total shares executed in the Citi-ONE ATS.
- \$5 – \$9.99: Total shares executed where the execution price is $\geq \$5$, and $< \$10$, divided by the total shares executed in the Citi-ONE ATS.
- \$10 – \$99.99: Total shares executed where the execution price is $\geq \$10$, and $< \$100$, divided by the total shares executed in the Citi-ONE ATS.
- \$100 +: Total shares executed where the execution price is $\geq \$100$, divided by the total shares executed in the Citi-ONE ATS.

Execution by Price Relative to the NBBO

- % of shares at Midpoint – FRS Order: Total number of executed shares pertaining to FRS Orders where the execution price is at midpoint of National Best Bid and Offer (NBBO) at the time of the execution, divided by the total FRS Order shares executed in the Citi-ONE ATS.
- % of shares inside NBBO except Midpoint – FRS Order: Total number of executed shares pertaining to FRS Orders where the execution price is inside NBBO but not midpoint of NBBO at the time of the execution, divided by the total FRS Order shares executed in the Citi-ONE ATS.
- % of shares at NBBO – FRS Order: Total number of executed shares pertaining to FRS Orders where the execution price is at NBB or NBO at the time of the execution, divided by the total FRS Order shares executed in the Citi-ONE ATS.
- % of shares at Midpoint – CO / Firm-up Order: Total number of executed shares pertaining to CO Firm-up Orders where the execution price is at midpoint of National Best Bid and Offer (NBBO) at the time of the execution, divided by the total Firm-up Order associated with Conditional Order shares executed in the Citi-ONE ATS.
- % of shares inside NBBO except Midpoint – CO / Firm-up Order: Total number of executed shares pertaining to CO Firm-up Orders where the execution price is inside NBBO but not midpoint of NBBO at the time of the execution, divided by the total Firm-up Order associated with Conditional Order shares executed in the Citi-ONE ATS.
- % of shares at NBBO – CO / Firm-up Order: Total number of executed shares pertaining to CO Firm-up Orders where the execution price is at NBB or NBO at the time of the execution, divided by the total Firm-up Order associated with Conditional Order shares executed in the Citi-ONE ATS.

Execution by Order Type (% of shares)

- Midpoint Peg – FRS Order: Total number of executed shares pertaining to FRS Orders with Midpoint Peg Execution Instruction (Exclnst), divided by the total FRS Order shares executed in the Citi-ONE ATS.
- Limit (No Peg instruction) – FRS Order: Total number of executed shares pertaining to FRS Orders with no Peg Execution Instruction (Exclnst), divided by the total FRS Order shares executed in the Citi-ONE ATS.
- Primary Peg – FRS Order: Total number of executed shares pertaining to FRS Orders with Primary Peg Execution Instruction (Exclnst), divided by the total FRS Order shares executed in the Citi-ONE ATS.
- Market Peg – FRS Order: Total number of executed shares pertaining to FRS Orders with Market Peg Execution Instruction (Exclnst), divided by the total FRS Order shares executed in the Citi-ONE ATS.

- Midpoint Peg – CO / Firm-up Order: Total number of executed shares pertaining to CO Firm-up Orders with Midpoint Peg Execution Instruction (Exclnst), divided by the total Firm-up Order associated with Conditional Order shares executed in the Citi-ONE ATS.
- Limit (No Peg instruction) – CO / Firm-up Order: Total number of executed shares pertaining to CO Firm-up Orders with no Peg Execution Instruction (Exclnst), divided by the total Firm-up Order associated with Conditional Order shares executed in the Citi-ONE ATS.
- Primary Peg – CO / Firm-up Order: Total number of executed shares pertaining to CO Firm-up Orders with Primary Peg Execution Instruction (Exclnst), divided by the total Firm-up Order associated with Conditional Order shares executed in the Citi-ONE ATS.
- Market Peg – CO / Firm-up Order: Total number of executed shares pertaining to CO Firm-up Orders with Market Peg Execution Instruction (Exclnst), divided by the total Firm-up Order associated with Conditional Order shares executed in the Citi-ONE ATS.

Execution by Taker Level (% of shares)

- % of shares taken by Taker Level 1: Total number of executed shares pertaining to FRS Orders taken by Taker Level 1, divided by the total FRS Order shares executed in the Citi-ONE ATS.
- % of shares taken by Taker Level 2: Total number of executed shares pertaining to FRS Orders taken by Taker Level 2, divided by the total FRS Order shares executed in the Citi-ONE ATS.
- % of shares taken by Taker Level 3: Total number of executed shares pertaining to FRS Orders taken by Taker Level 3, divided by the total FRS Order shares executed in the Citi-ONE ATS.
- % of shares taken by Taker Level 4: Total number of executed shares pertaining to FRS Orders taken by Taker Level 4, divided by the total FRS Order shares executed in the Citi-ONE ATS.
- % of shares taken by Taker Level 5: Total number of executed shares pertaining to FRS Orders taken by Taker Level 5, divided by the total FRS Order shares executed in the Citi-ONE ATS.

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