

# UBS ATS Monthly Volume Summary

## November 2023

UBS ATS facilitates interaction among equity orders received from a broad range of clients and market participants, including institutional clients using UBS algorithms, broker-dealers, UBS trading desks, market makers, retail brokers, and active traders (sometimes referred to as High Frequency Traders or "HFT").

### Key Performance Metrics<sup>1</sup>

Average daily matched shares:	200,709,477
Average daily matched notional:	\$11,527,029,147
Total Symbols Active:	11,315
Total Symbols Traded:	9,807
Peak daily matched shares:	265,595,564
Average Price Improvement Per Share <sup>2</sup> :	\$0.0189
Percentage of shares that received price improvement <sup>2</sup> :	80.86%
Average Trade Size:	66
Average Total executed shares per order:	84
Executed share percentage at midpoint:	56.00%
Percentage of volume executed versus UBS Principal orders <sup>3</sup> :	3.67%

### Executed Block Metrics<sup>4</sup>

Average daily volume block % $\geq$ 10k shares:	2.52%
Average daily value block $\geq$ 200k notional:	3.35%
Average daily volume demi-block % $\geq$ 2k-9,999 shares:	7.06%
Average daily value demi-block $\geq$ \$100k-200k:	2.49%
Peak executed shares in a single print:	218,168
Peak executed notional in a single print:	\$11,219,500

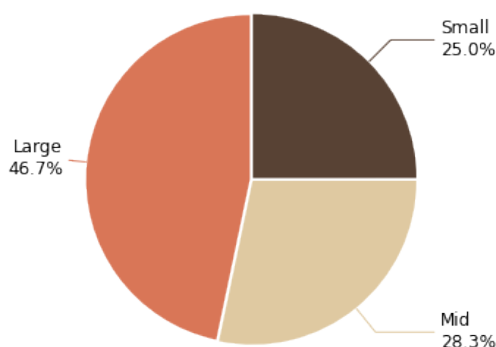
### Order Block Metrics<sup>5</sup>

Average daily Order block % $\geq$ 10k shares:	31.76%
Average daily Order block $\geq$ 200k notional:	32.41%
Average daily Order demi-block % $\geq$ 2k-9,999 shares:	23.08%
Average daily Order demi-block $\geq$ \$100k-200k:	10.14%

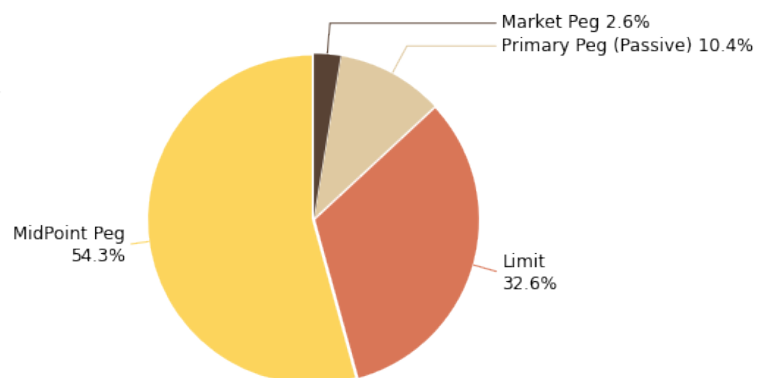
### Conditional Indication (CI) Metrics<sup>6</sup>

Average Conditional Indication Quantity:	5,198
Average Conditional Indication Minimum Quantity:	852
Average Conditional Indication Notional Value:	\$175,878
Average Firm Up Quantity:	808
Average Firm Up Minimum Quantity:	445
Average Executed Quantity:	112
Average Executed Notional:	\$5,839

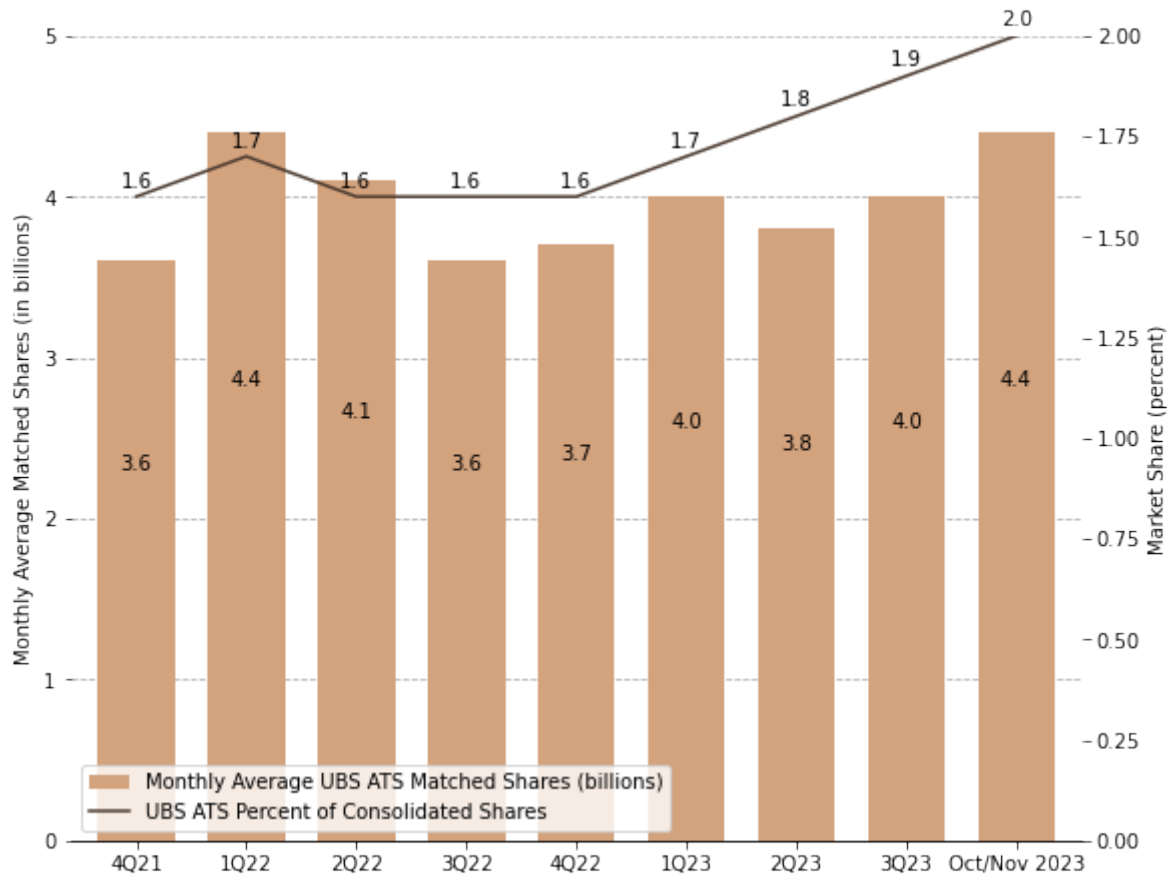
Executed Shares by Market Cap



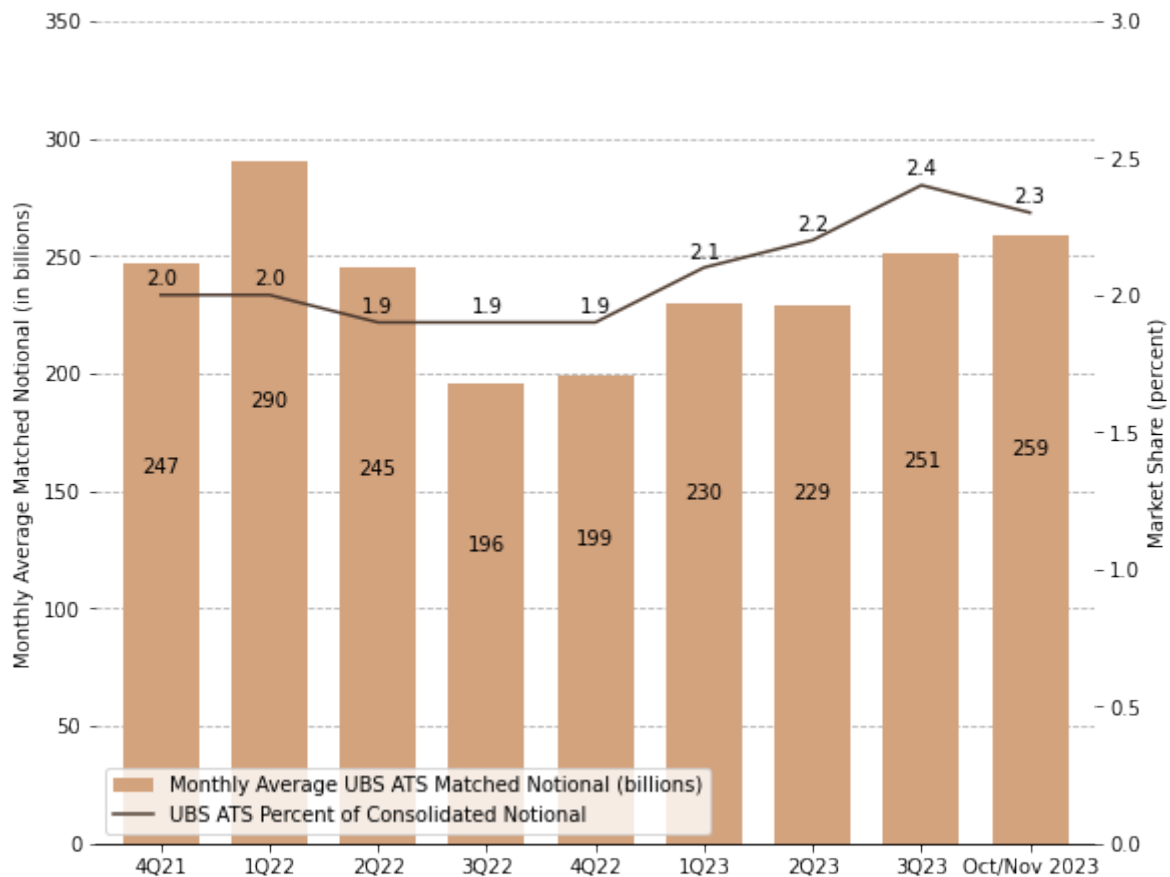
Executed Shares by Order Type



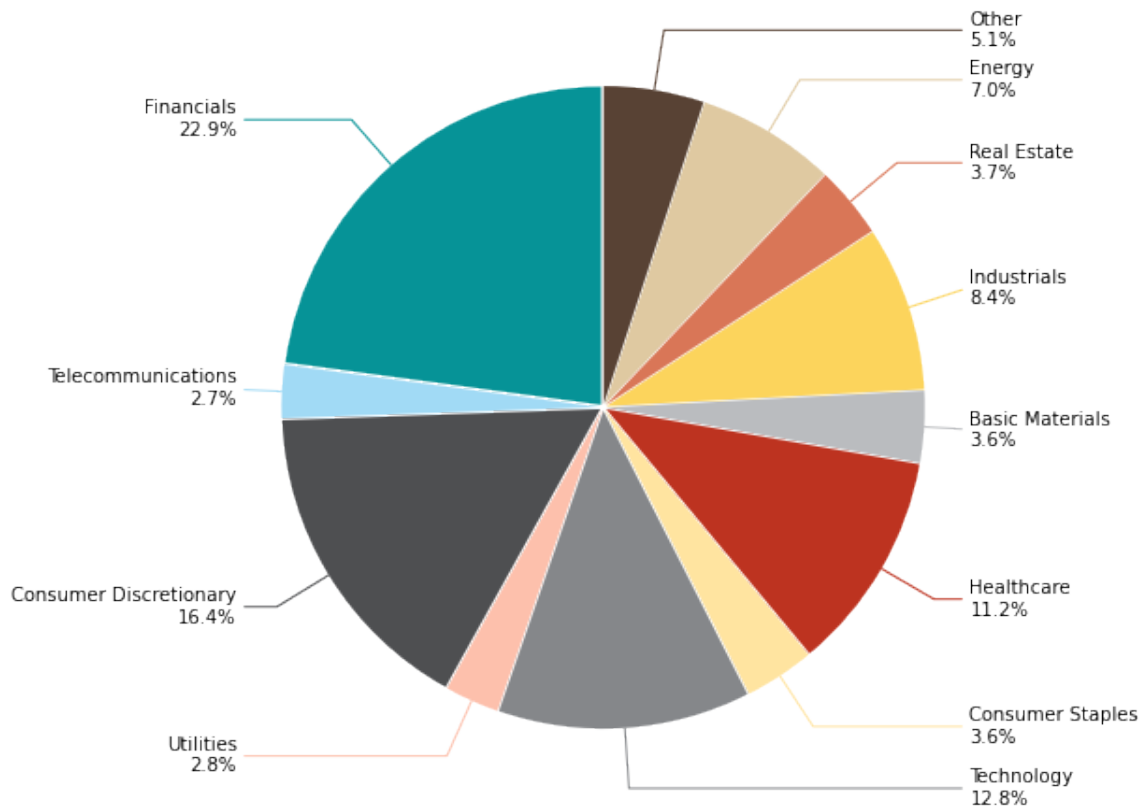
### UBS ATS Monthly Average Matched Shares, Q4 2021 – November 2023



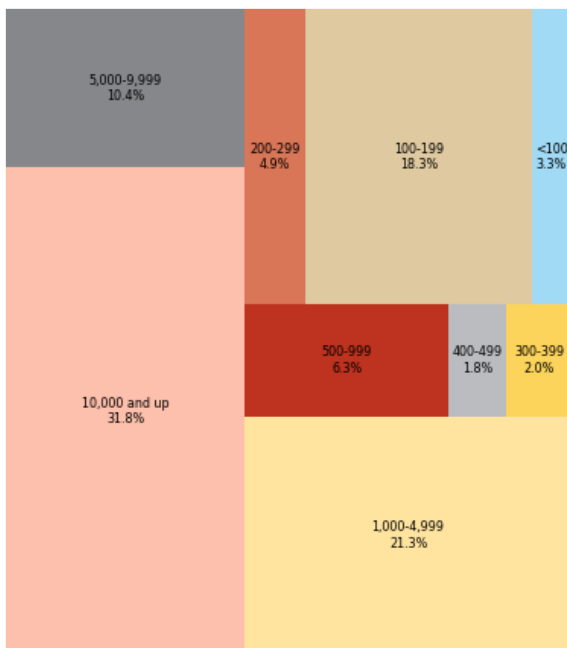
### UBS ATS Monthly Average Matched Notional, Q4 2021 – November 2023



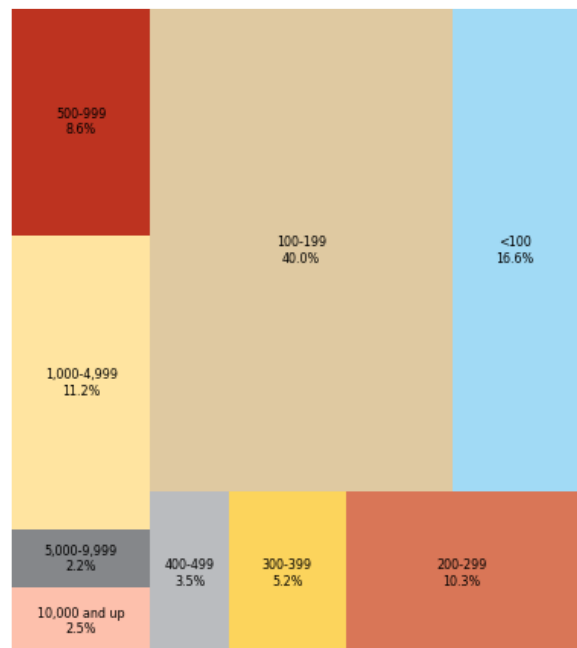
### Executed Shares by Sector



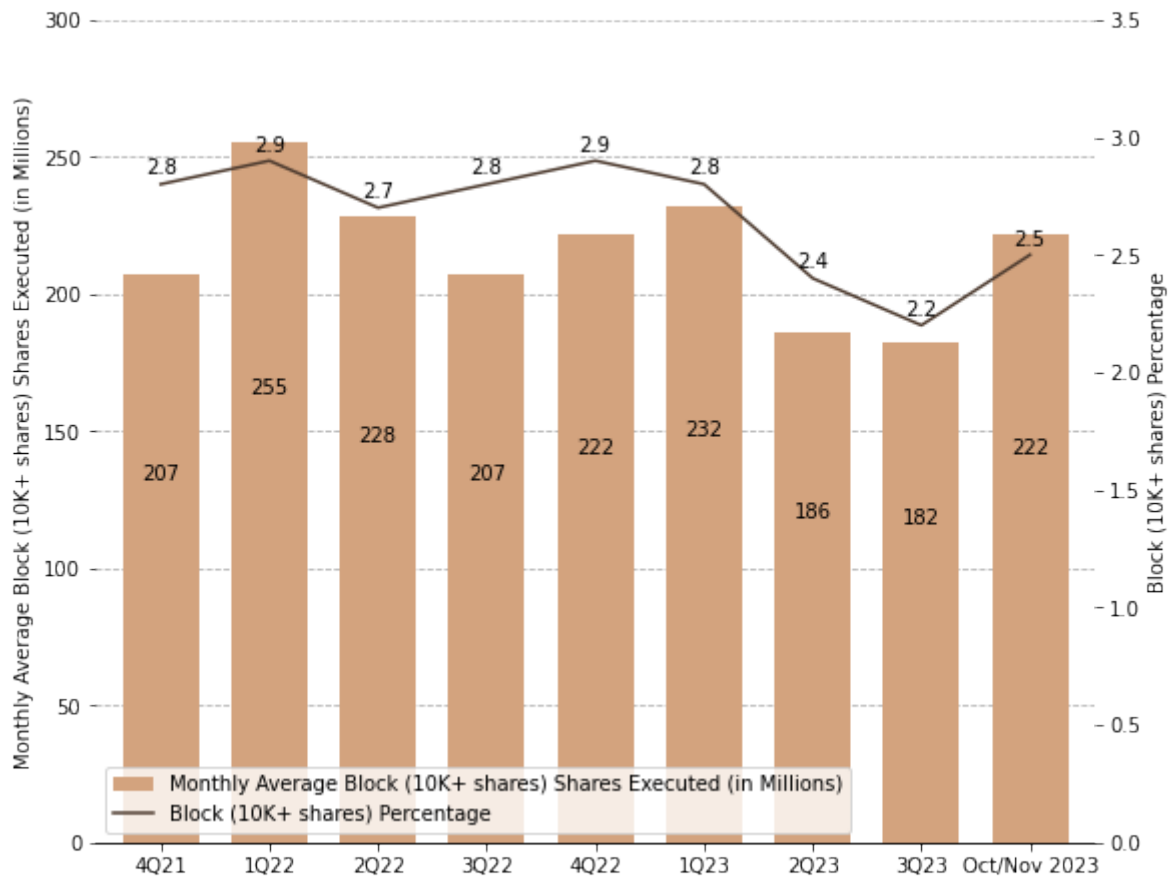
### Ordered Shares by Size Bucket



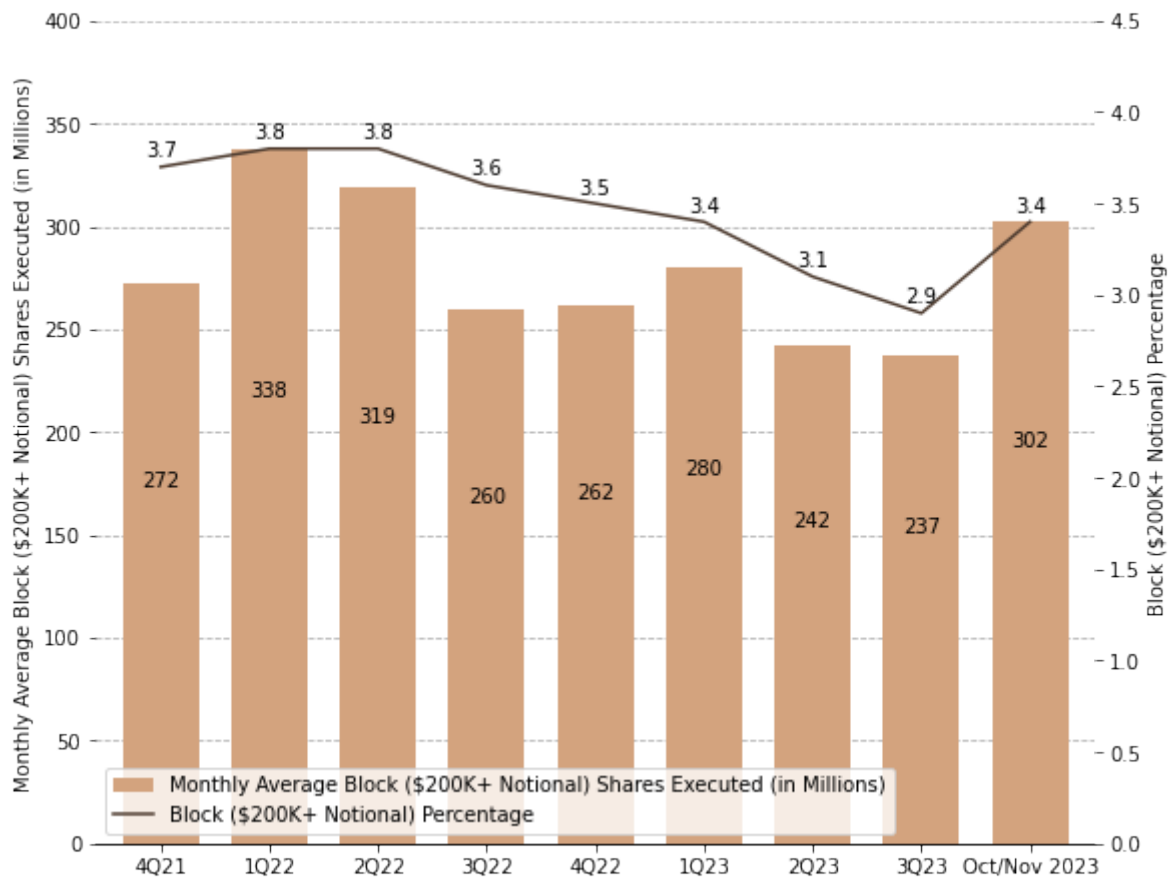
### Executed Shares by Size Bucket



### Monthly Average Block (10K+ shares) Shares Executed, Q4 2021 – November 2023



### Monthly Average Block (\$200K+ notional) Shares Executed, Q4 2021 – November 2023



## Endnotes:

1. All share and notional numbers disclosed reflect a single count methodology
2. Price Improvement is an execution at any price less than the NBO for buy orders and greater than the NBB for sell orders
3. For purposes of these statistics, the term "UBS Principal orders" means any order for an account that is owned by an entity within the UBS Investment Bank Division
4. Due to standard rounding to the nearest one tenth of a percent, the percentages stated in bar charts may differ from actual percentage values.
5. **ADV Block Execution Calculations**
  - ADV Block % ( $\geq 10,000$  shares) = total shares executed where the share quantity of the execution is  $\geq 10,000$  shares, divided by the total shares executed in UBS ATS
  - ADV Block % ( $\geq \$ 200k$  notional) = total shares executed where the notional of the execution is  $\geq \$ 200k$  notional, divided by the total shares executed in UBS ATS
  - ADV Demi-Block % ( $\geq 2,000$ – $9,999$  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 UBS ATS
  - ADV Demi-Block % ( $\geq \$ 100k$ – $\$ 200K$  notional) = total shares executed where the notional of the execution is  $\geq \$ 100k$  notional, and  $< \$ 200k$  notional, divided by the total shares executed in UBS ATS
6. **ADV Block Order Calculations**
  - ADV Block % ( $\geq 10,000$  shares) = total shares ordered where the share quantity of the order is  $\geq 10,000$  shares, divided by the total shares ordered in UBS ATS
  - ADV Block % ( $\geq \$ 200k$  notional) = total shares ordered where the notional of the order is  $\geq \$ 200k$  notional, divided by the total shares ordered in UBS ATS
  - ADV Demi-Block % ( $\geq 2,000$ – $9,999$  shares) = total shares ordered where the share quantity of the order is  $\geq 2,000$  shares, and  $< 10,000$  shares, divided by the total shares ordered in UBS ATS
  - ADV Demi-Block % ( $\geq \$ 100k$ – $\$ 200K$  notional) = total shares ordered where the notional of the order is  $\geq \$ 100k$  notional, and  $< \$ 200k$  notional, divided by the total shares ordered in UBS ATS
7. Conditional Indications (CIs) represent an intent to trade, specifying a security, a side (buy or sell), a price, a quantity and a minimum executable quantity.

Stated percentages may not sum to 100% due to rounding practices. Average daily statistics are rounded down to the nearest whole number.

Issued in the US by UBS Securities LLC, member NYSE, FINRA, SIPC.

## UBS ATS

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