



# 2023 REGIONAL AIR PASSENGER SURVEY

## Geographic Findings

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Aviation Technical Subcommittee  
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National Capital Region  
**Transportation Planning Board**

# Purpose of Presentation

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- Summary of the Feedback
- Clarify Methodology Behind Data Tabulations
- Revisions to Data Accuracy and Consistency
- Other Revisions
- Next Steps

# Summary of the Feedback

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## **Data, Content and Clarity:**

- Several comments emphasized the importance of data accuracy and consistency. This included verifying passenger counts, ensuring that tables added up correctly, and refining percentage figures (i.e., decimal places to improve precision). Key definitions such as "passengers" and "trip purpose" were clarified to ensure that written explanations aligned with the data presented in tables and figures.

## **Visuals and Document Formatting:**

- Additional feedback focused on the visual presentation of the report. This included improving maps, charts, and tables to enhance clarity—for example, ensuring consistent use of colors in legends and including all necessary information in tables. General formatting issues, such as capitalization and grammar, were also addressed.

# Clarifying Methodology Behind Data Tabulations

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- The tabulations for the APS geographic findings are based on estimates derived from survey responses collected during a two-week period in October 2023. These responses were expanded to represent annual enplanements, rather than actual observed flight counts.
- The weighting process used for the 2023 APS survey followed the same methodology as in previous survey years.
- Geographic findings were weighted separately, using only the subset of responses with valid location data, aligned with annual enplanement figures.

# Revisions to Data Accuracy and Consistency

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- **Corrected Passenger & Enplanement Data:**
  - Verified and updated figures for IAD (Tables 1 & 2).
  - Revised regional total enplanements (page 3).
  - Updated data cited in Table 6.
- **Corrected Calculations & Discrepancies:**
  - Added percentage data for Baltimore Metro Area's Airport Preference (Page 3).
  - Ensured percentage point increases aligned with Table 4 (page 11).
  - Corrected percentage cited from Montgomery County (page 17).
  - Fixed incorrect percentage figure cited on page 29.
  - Fixed incorrect data in Table 20 that is referenced in page 5.
- Corrected other minor discrepancies.

# Other Revisions

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- **Narrative Updates**

The document was reviewed for clarity and consistency. Definitions and references were refined, and the language was streamlined to enhance overall readability and accuracy.

- **Updated Data Tables and Visualizations**

Selected tables were revised to present more detailed percentages, include additional notes, and feature clearer labels to improve comprehension.

- **Textual and Formatting Issues**

Edits were made to correct grammar, punctuation, and formatting. Figures, labels, and the color palette were also adjusted to improve readability.

# Next Steps

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- The final 2023 Air Passenger Survey Geographic Findings report was distributed to Subcommittee members.
- The 2023 Air Passenger Survey Geographic Findings report will be published on the COG website.
- Wrap up the Ground Access Forecast Update analysis and provide a draft memo to the Subcommittee.

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