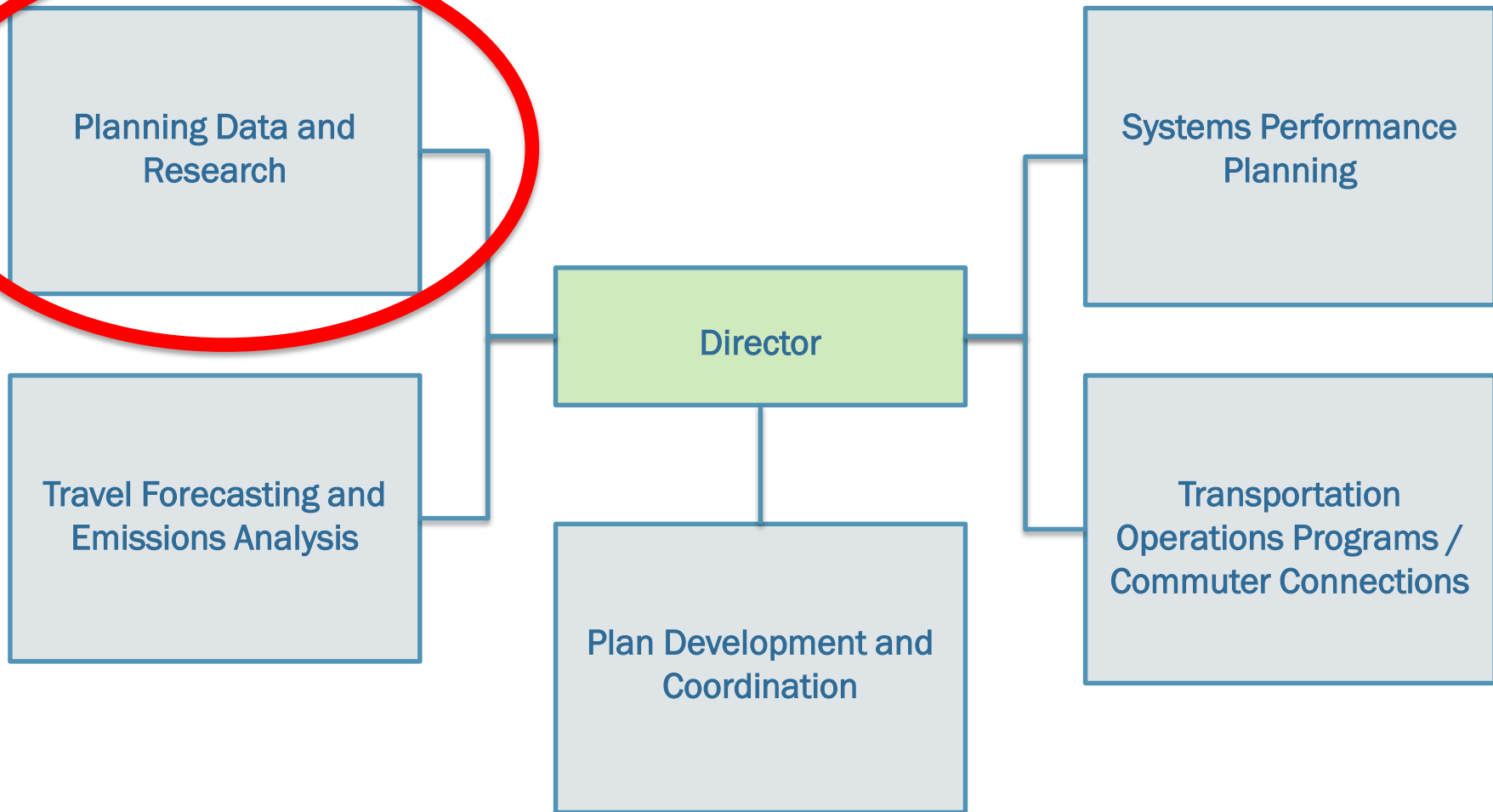# PLANNING DATA AND RESEARCH PROGRAM OVERVIEW

Timothy Canan, AICP
Director, Planning Data and Research

TPB Citizens Advisory Committee
December 12, 2019

National Capital Region
Transportation Planning Board

Department of Transportation Planning

Planning Data and Research

Travel Forecasting and Emissions Analysis

Director

Plan Development and Coordination

Systems Performance Planning

Transportation Operations Programs / Commuter Connections

Planning Data and Research

Planning Data Resources

- Geographic Information System
- Regional Transportation Data Clearinghouse

Continuous Airport Systems Planning

- Air Passenger Survey
- Ground Access Forecasts
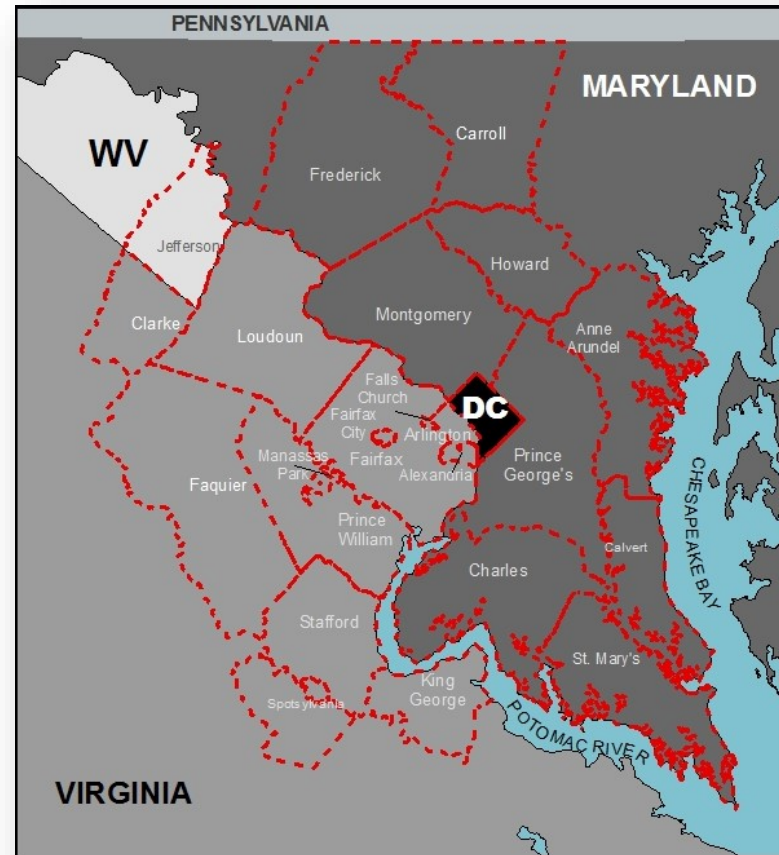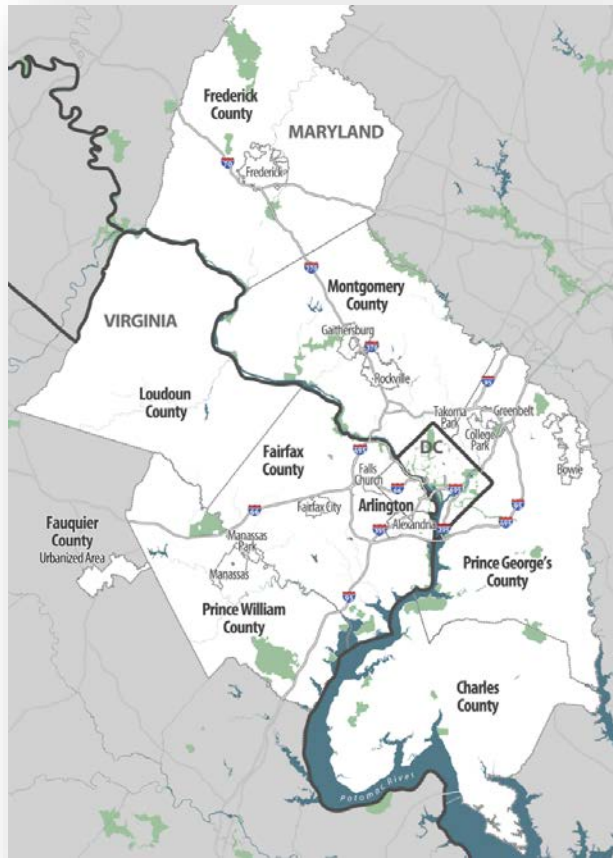- Regional Air System Plan Update

Planning Research and Assistance

- Travel Trends Analysis
- Travel Monitoring
- Technical Assistance Projects
- Land Use & Transportation Planning Coordination

Planning Data Resources
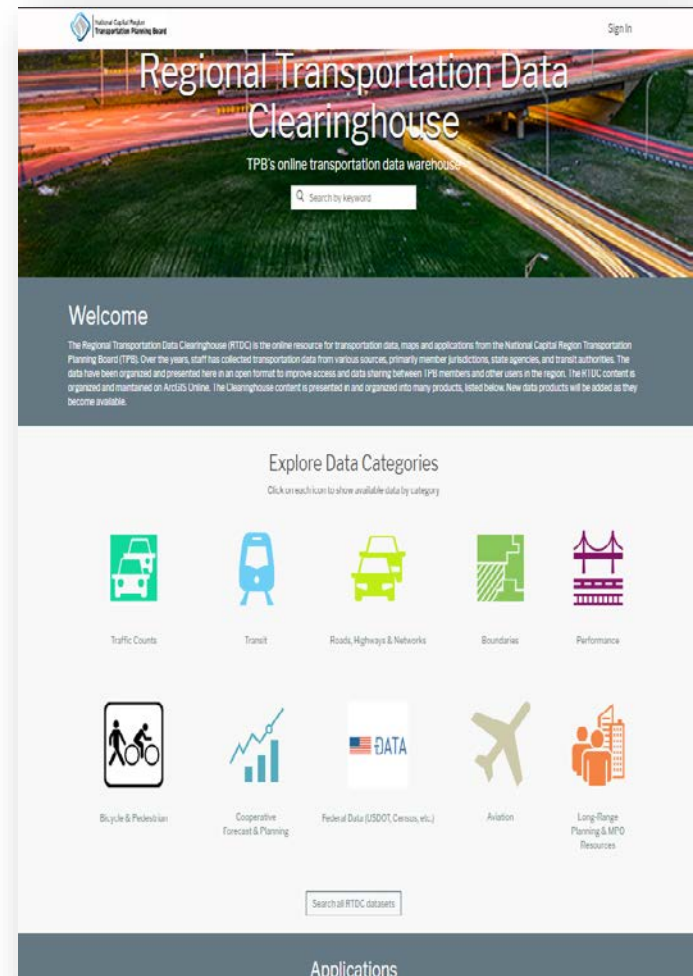
Geographic Information Systems

Planning Data Resources (2)

Regional Transportation Data Clearinghouse

https://gis.mwcog.org/rtdc

- TPB staff collects transportation data from various sources, primarily member jurisdictions, state agencies, and transit authorities.

- Data are packaged into the web-based RTDC.

- RTDC developed to improve access and data sharing between TPB member, jurisdictional partners, as well as other interested parties.
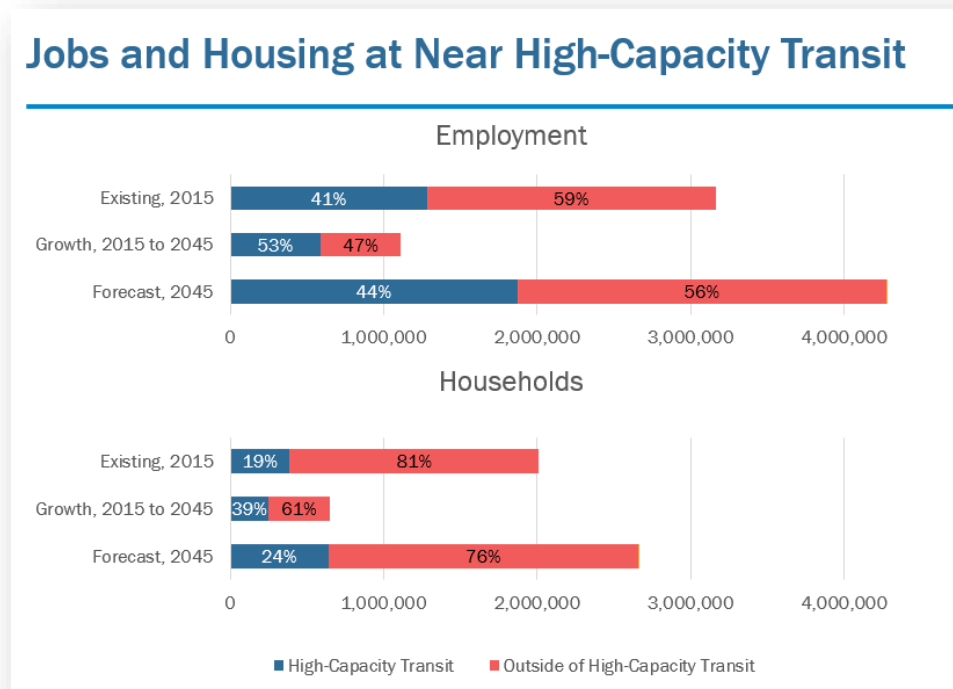
Planning Research & Assistance

- Travel Trends Analysis

  - Surveys

    - Regional Travel Survey

    - Geographic-focused surveys

    - Transit Surveys

    - "Deep dive" analysis of other COG/TPB surveys

  - Travel Trends Reports

- Travel Monitoring

  - HOV, Toll and Express Lanes use and occupancy

  - Non-motorized counts

- Technical Assistance

Planning Research & Assistance (2)

- Regional Land Use and Transportation Planning Coordination

  - Coordinate Cooperative Forecasting with COG Department of Community Planning and Services

  - Land Use and Transportation Analysis

Jobs and Housing at Near High-Capacity Transit

Continuous Airport Systems Planning

Goal: To provide a process that supports the planning, development, and operation of airport facilities and the transportation facilities that serve the airports in a systematic framework for the Washington-Baltimore region
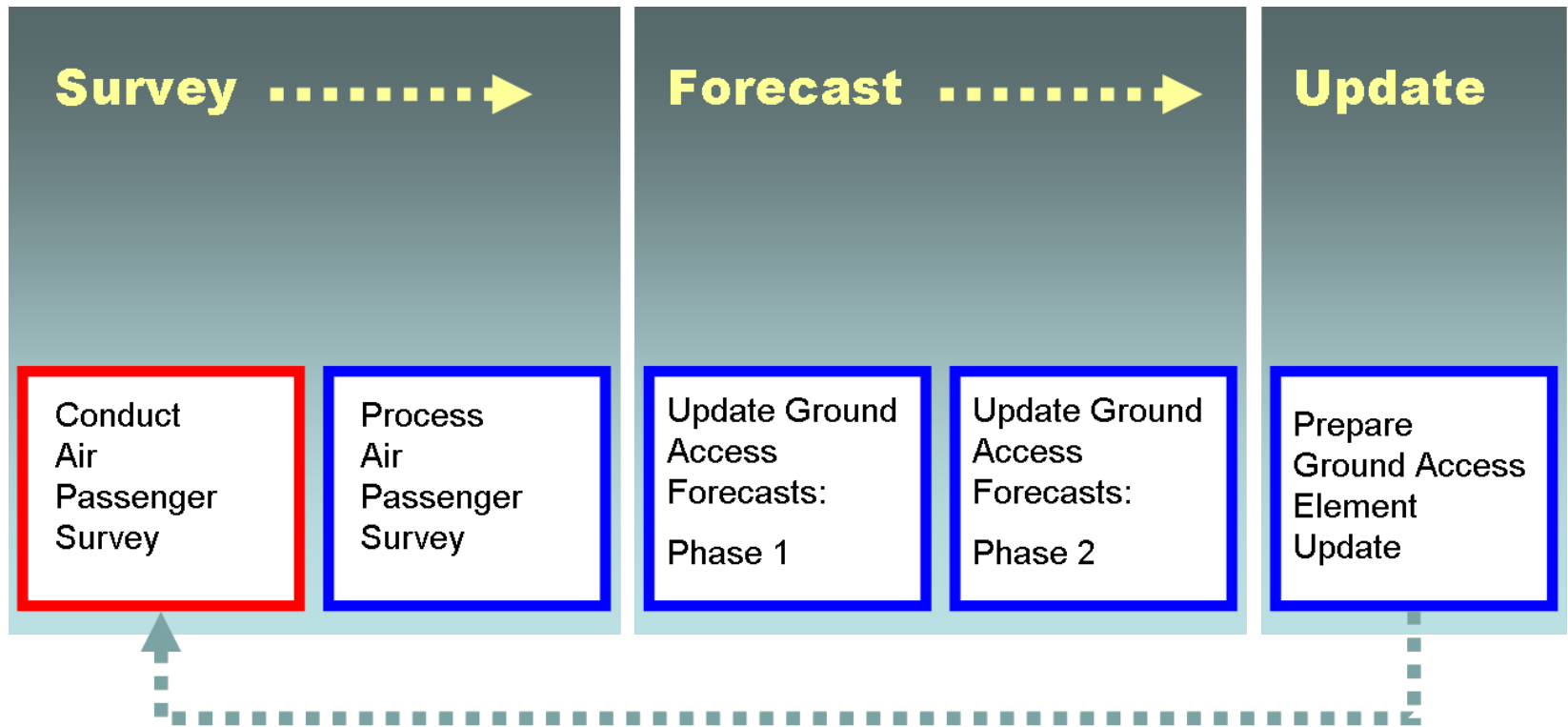
Origin: Conducted by TPB since 1978

Supported by:
- Federal Aviation Administration (FAA)
- Maryland Aviation Administration (MAA)
- Metropolitan Washington Airports Authority (MWAA)

Continuous Airport Systems Planning (2)

Survey ┄┄┄┄▶ **Forecast** ┄┄┄┄▶ **Update**

| Conduct Air Passenger Survey | Process Air Passenger Survey | Update Ground Access Forecasts: Phase 1 | Update Ground Access Forecasts: Phase 2 | Prepare Ground Access Element Update |

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