Updates to the TPB Regional Transportation Data Clearinghouse (RTDC)

TPB Regional Public Transportation Subcommittee
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National Capital Region Transportation Planning Board (TPB)
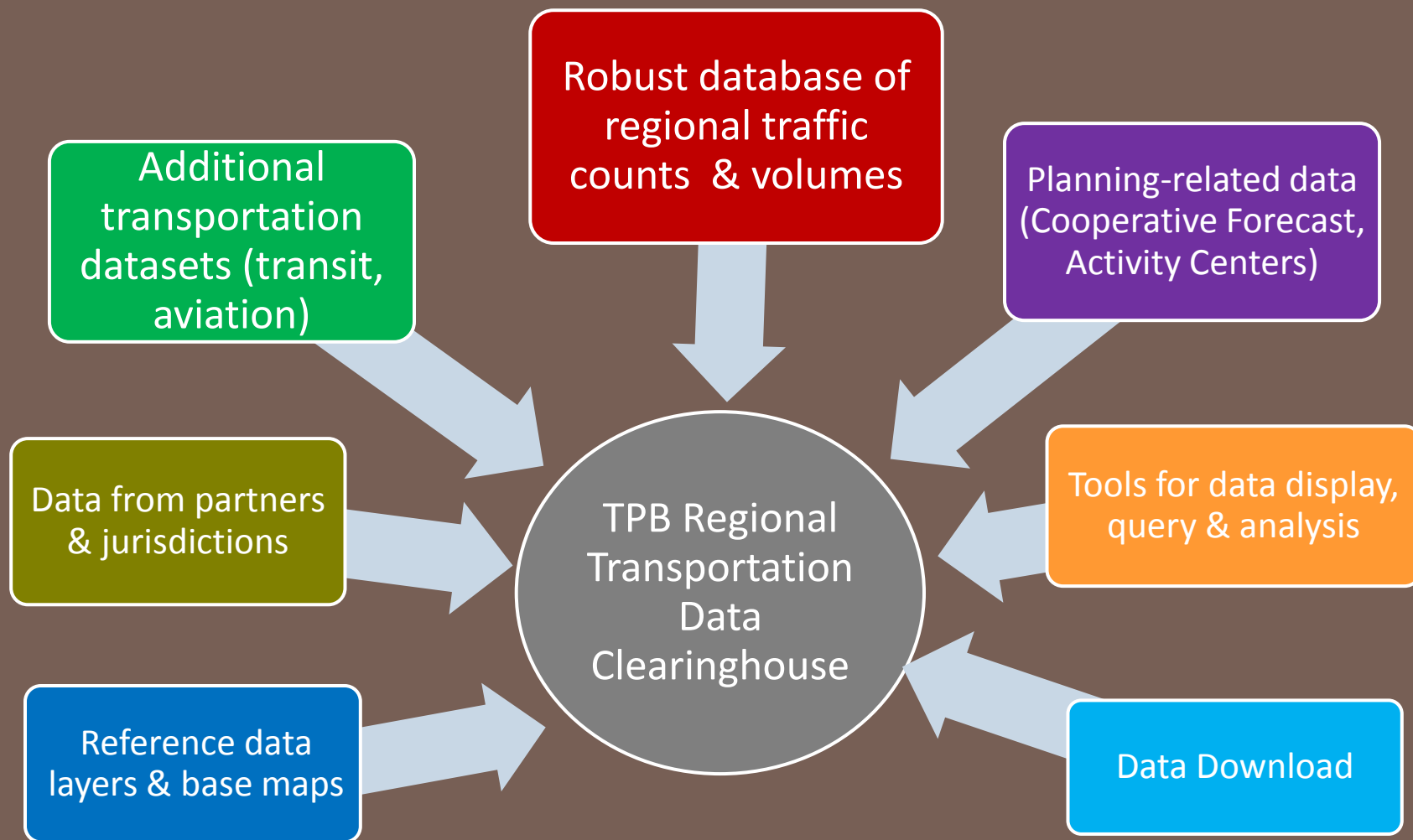Metropolitan Washington Council of Governments (COG)

Background: *what is the RTDC?*

- Overall, it is a collection of transportation-related data
  - Includes our own datasets & data collected from member agencies & assembled by us
  - Additional Esri base maps for reference

- RTDC first released over a decade ago as an ArcView 3.2 project
  - Focus on providing a regional database of traffic counts tied to the TPB master network
  - ***Expanded to include transit-related count data & other datasets***

- Currently available as a *desktop* web map application using the ArcGIS Viewer for Flex (version 3.6)
  - First update for this year (March) will continue on this platform
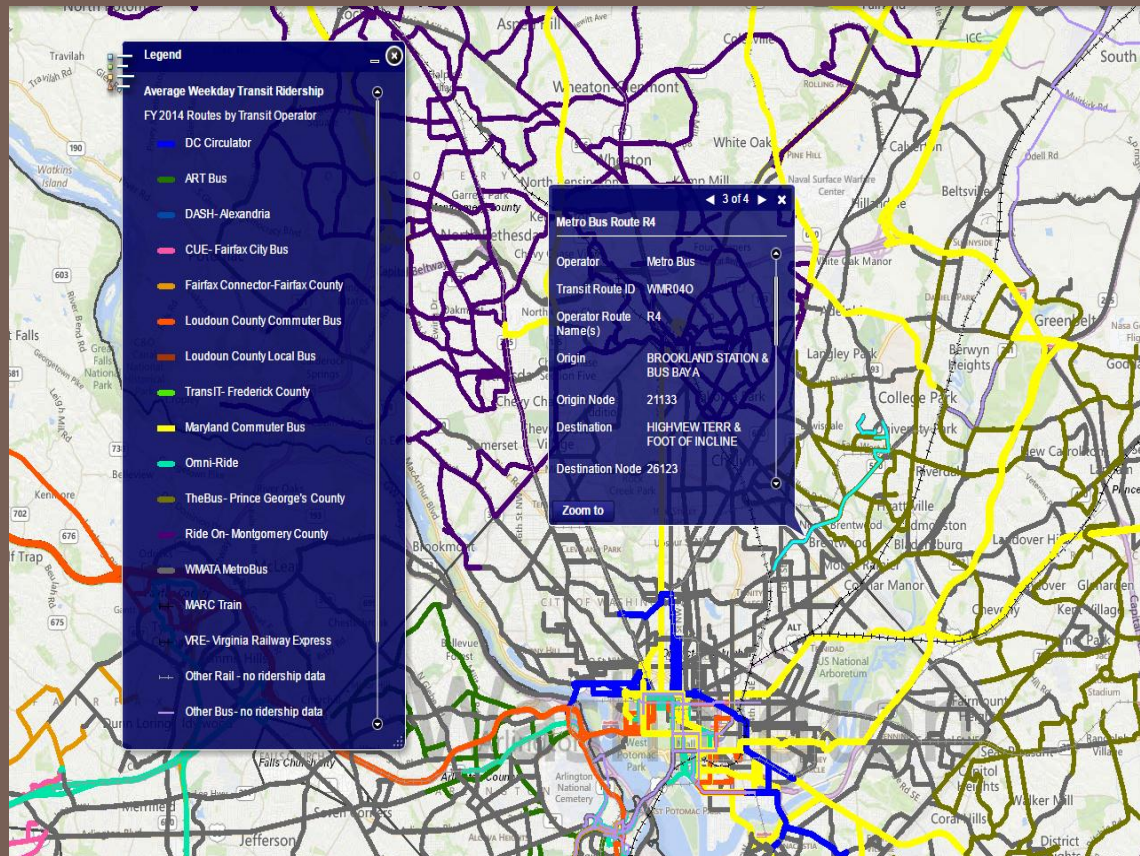 - Additional web maps and applications forthcoming; will utilize Esri's ArcGIS Online (AGOL) for Organizations

Background: *what is the RTDC?*

Additional transportation datasets (transit, aviation)

Robust database of regional traffic counts & volumes

Planning-related data (Cooperative Forecast, Activity Centers)

Data from partners & jurisdictions

TPB Regional Transportation Data Clearinghouse

Tools for data display, query & analysis

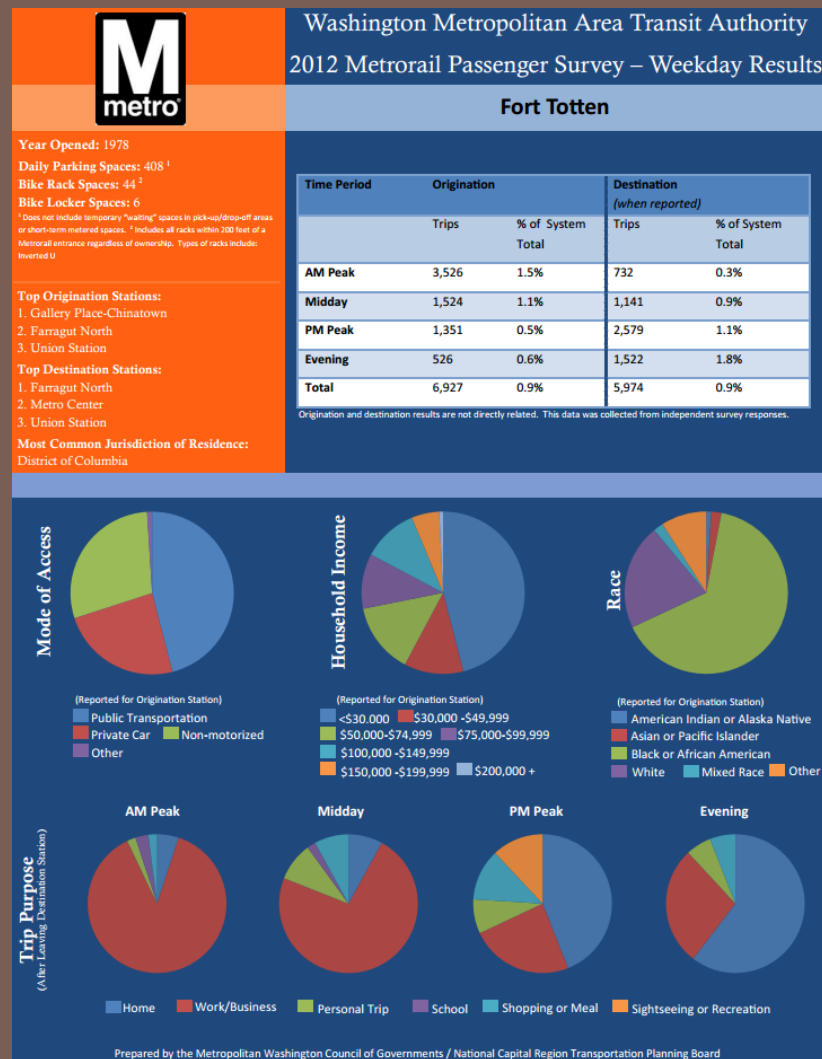Reference data layers & base maps

Data Download

Transit data in the RTDC: *Average Weekday Ridership*

- Application updated with FY 14 data

- Ridership data obtained from region's transit operators; joined to the TPB master network transit routes

- Bus, commuter bus, commuter rail service included

Transit data in the RTDC: *WMATA data*

- WMATA 2012 Rail Passenger Survey data

  - Summary weekday results by time of day (AM/PM peaks, midday, evening, late night); available as dataset attributes

  - Survey Report available for each station; open PDF attachment in application to view and/or download

- Additional Metrorail station information

  - Historical ridership 1977-2014

    - "*Average Weekday Passenger Boardings*"

  - Available parking options (auto, bicycle)

Schedule

- The next version of the RTDC will be demonstrated at the March TPB Travel Forecasting Subcommittee meeting (20th March)

  - *Refresh all current RTDC datasets with available data updates*

  - Will be available in the same manner (the ArcGIS For Flex viewer)

    - Application code will be changed to reflect dataset updates

    - No additional application enhancements

- The RTDC on ArcGIS Online (AGOL)...*coming soon*

  - Transition will occur in parallel to the March update

  - All RTDC datasets available as AGOL datasets and in the current RTDC Flex viewer

  - New RTDC datasets only available as AGOL web maps and applications

  - Future RTDC project page- data, download, maps and apps

Closing

- Visit the RTDC

  - http://gis.mwcog.org/webmaps/rtdc

- Thanks to

  - Regional transit partners for providing us updated data

  - RTDC team: Nicole McCall, Jessica Mirr, Martha Kile

- Questions?

  - Charlene Howard (charlene@mwcog.org)