National Capital Region
Transportation Planning Board

Geospatial Analysis Discussion:
2019 Washington-Baltimore Regional Air Passenger Survey
Geographic Findings Report

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Regional Transportation Data Clearinghouse
Link: https://rtdc-mwcog.opendata.arcgis.com/search?tags=aviation

The TPB-run Regional Transportation Data Clearinghouse (RTDC) currently houses the following aviation-related data:
- Air passenger originations
- Enplanements
- Deplanements

Seven Transportation Initiatives For a Better Future (Visualize 2045) - Story Map
Link: http://arcg.is/09nzvq

This story map includes web maps, graphs, graphics and summaries to provide a clear description on what Visualize 2045 is and what the Seven Transportation Planning Initiatives are. This kind of app tells a story of the data and why it is important. The user is guided through the story and data for ease of use and to make sure the user receives the data as it was intended. The level of text compared to the spatial content is higher in this type of product, which is a recommended tool for sharing data with the general public or less technical audiences.

High Capacity Transit (HCT) Station Areas - Interactive Web Map
Link: https://www.mwcog.org/maps/map-listing/high-capacity-transit-hct-station-areas/

This interactive web map was developed to build an understanding of High-Capacity Transit (HCT) Station Areas and their geographic distribution and presence throughout the region. Users can interact with the web map by selecting predefined geographic criteria and having the web map change what is displayed based on what the user chooses to display.

Travel Trends of the Metropolitan Washington Region (2018) - Web App
Link: https://gis.mwcog.org/webmaps/tpb/traveltrends/

Here is an example of a report that had traditionally been presented using graphs and tables, adapted to include spatial visualization as well. The geographic findings report has traditionally been provided in a write up with graphs, tables and recently maps. This web app shows what taking that work one step further would look like.