WMATA Ridership Data Portal

January 28, 2020 – MWCOG Regional Public Transit Subcommittee

Andrew Gerritsen, WMATA Office of Planning
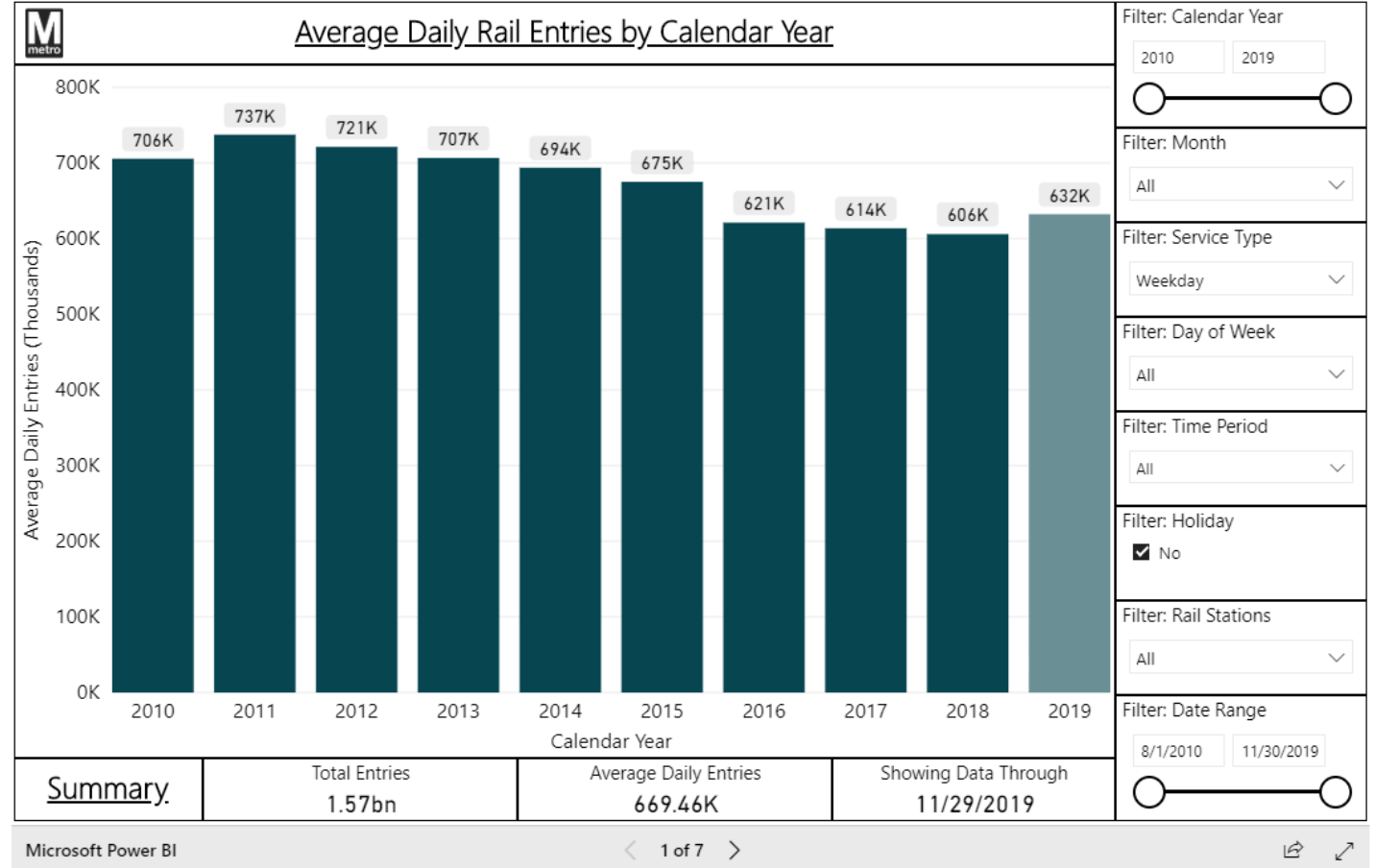
Washington Metropolitan Area Transit Authority

Table of Contents

What is the Ridership Data Portal?

- **A page on WMATA's website where the pubic can view and explore WMATA's ridership data from 2010 to present.**

- **Ridership data is split between Rail, Bus and Parking transactions.**

- **Data is published monthly on roughly a 30-day lag, along with an accompanying Ridership Snapshot explaining the major factors affecting ridership for that month.**
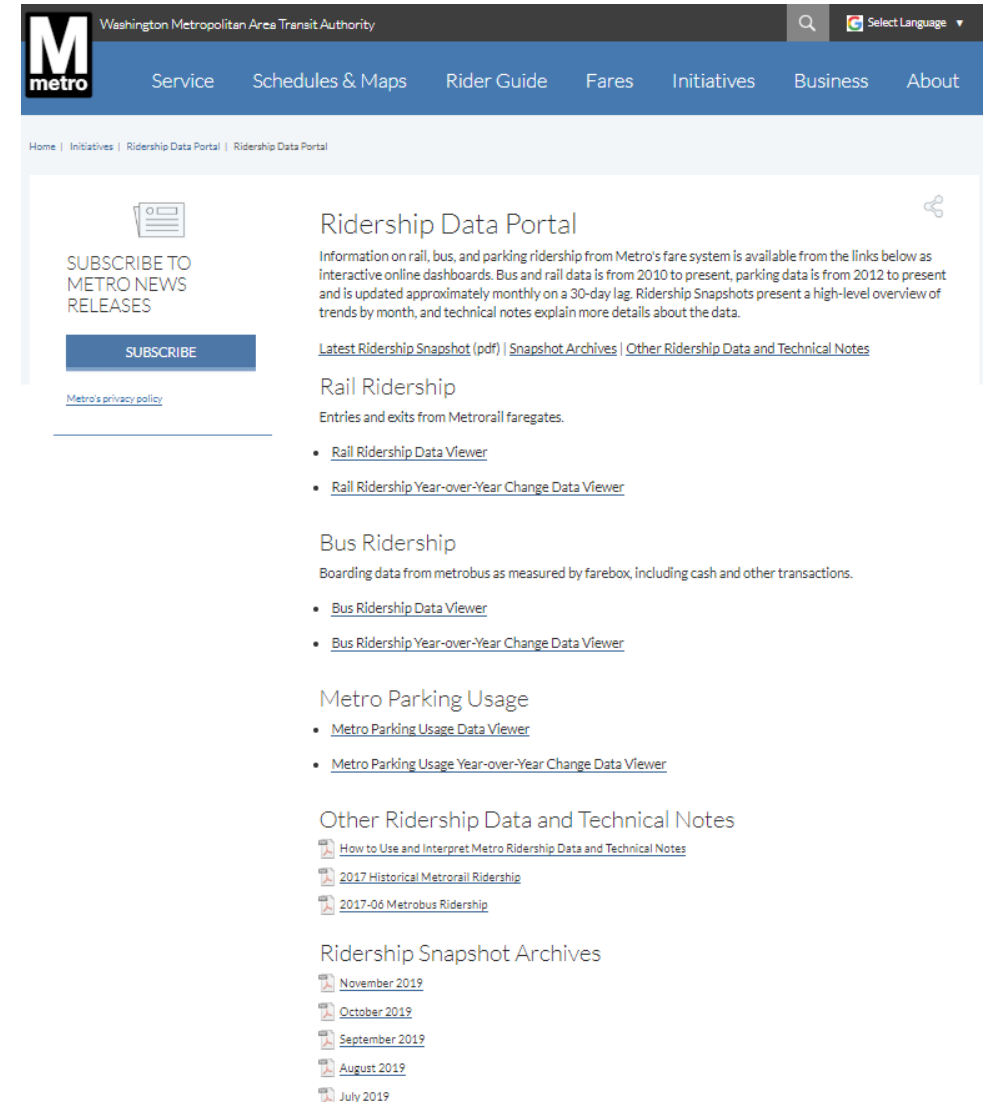
What data is in the portal?

- **Data is from the enterprise datamart based on the NextFare5 system.**
  - Bus beginning in January 2010
  - Rail beginning in August 2010
  - Parking beginning in January 2012

- **Data is aggregated as transactions by station/route, by hour of day**

- **Most data is presented as the average weekday ridership**
  - This provides the most accurate view of ridership trends and smooths out changes in the distribution of weekdays versus weekends in a month

- **The second data view for each dataset is of year-over-year change in ridership for the last month**

How do you use the Ridership Data Portal?

- **Go to https://www.wmata.com/initiatives/ridership-portal/**

- **There are links to six BI workbooks under the Rail Ridership, Bus Ridership, and Metro Parking Usage headings**

- **Read the latest ridership snapshot to get a sense of what was going on last month**

- **Take a look at the "How to Use and Interpret…" document for more information about what is in this portal and why**

What are the current limitations of the data portal?

- **Cannot currently download data to analyze outside of the Portal on WMATA's website**
  - Either downloading data created from a specific view or the entire underlying data set
- **Currently does not include Automatic Passenger Counter (APC) data, only transaction data**
- **Unable to link to a filtered view that users created**
- **Unable to see origins linked to destinations**
- **The year-over-year change viewer only shows the most recent month, and does not let users select a month or time range to compare**
- **Not all pages allow filtering by jurisdiction**
- **Cannot filters by rail or bus corridor**

Questions and Contact Info

Andrew Gerritsen

Business Intelligence Analyst

Office of Planning

APGerritsen@WMATA.com