TPB TRANSIT DATA NEEDS AND REQUEST PROCESS - UPDATE

Mobility Analytics Program

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TPB Regional Public Transportation Subcommittee
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National Capital Region
Transportation Planning Board

Agenda Item #4

A brief history of transit ridership data collection

- Enhancement of the <u>Regional Transportation Data Clearinghouse (RTDC)</u>

  - RTDC originally packaged collection of regional data, shared as a CD

  - VRE was one of the first (if not the first) to submit ridership data to us for inclusion in the RTDC

  - 'Transit Ridership' became a shared dataset used for many purposes within TPB

  - The Mobility Analytics Program (MAP) revamp has provided the timely opportunity to refine and enhance this data request process

- Ridership data from regional operators has been used in model validation

- Ridership data regularly collected by the Planning Data and Research team

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What we (currently) collect & what we do with it

- What we collect and are requesting

  - Average weekday transit ridership- by month, by route/line

  - By fiscal year

  - Excel or other tabular file

  - No standard format - we take what we can get

  - Needed by Tuesday, November 11, 2025

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What we (currently) collect & what we do with it, cont.

- What we do with it

  - Join routes to the TPB travel demand model network to display ridership by network route

  - Approximate network route variations to the provided data

  - Most providers cover our Planning area, whereas the network routes cover the TPB Modeled region

  - Publish to RTDC as year-specific datasets, use data for internal purposes, etc.

  - Going forward we propose using GTFS as primary link to ridership data

	A	B	C	D
1	GTFS	transitr_1	Agency	Route
357	MTC840	MT840I	MTA	840
358	MTC840	MT840O	MTA	840
359	MTC850	MT850	MTA	850
360	PRTC601	PRTC601N	OmniRide	601
361	PRTC601	PRTC601S	OmniRide	601
362	PRTC602	PRTC602N	OmniRide	602
363	PRTC602	PRTC602S	OmniRide	602
364			OmniRide	611
365	PRTC612	PRTC612I	OmniRide	612
366	PRTC612	PRTC612I%	OmniRide	612
367	PRTC612	PRTC612O	OmniRide	612
368	PRTC612	PRTC612O/	OmniRide	612
369	PRTC622	PRTC622I	OmniRide	622
370	PRTC622	PRTC622O	OmniRide	622
371	PRTC543	PRTC543N	OmniRide	543
372	PRTC543	PRTC543S	OmniRide	543
373	PRTC942	PRTC942O	OmniRide	942
374	PRTCD-100	PRTCD100A	OmniRide	D-100
375	PRTCD-100	PRTCD100B	OmniRide	D-100
			OmniRide	D-100

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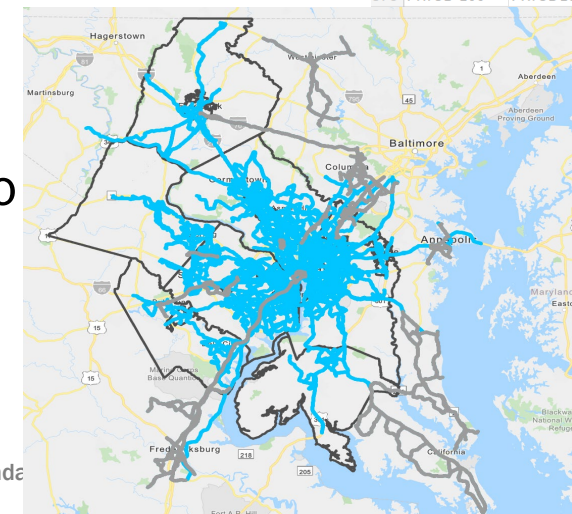
Existing Regional Data Sources
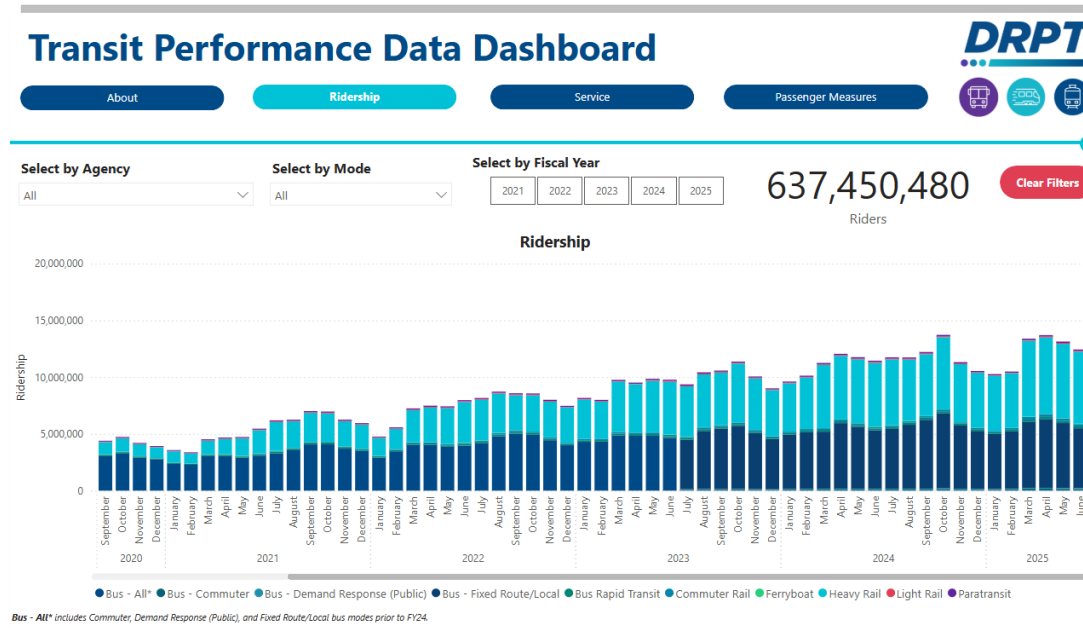
Source: Transit Performance Data Dashboard/DRPT
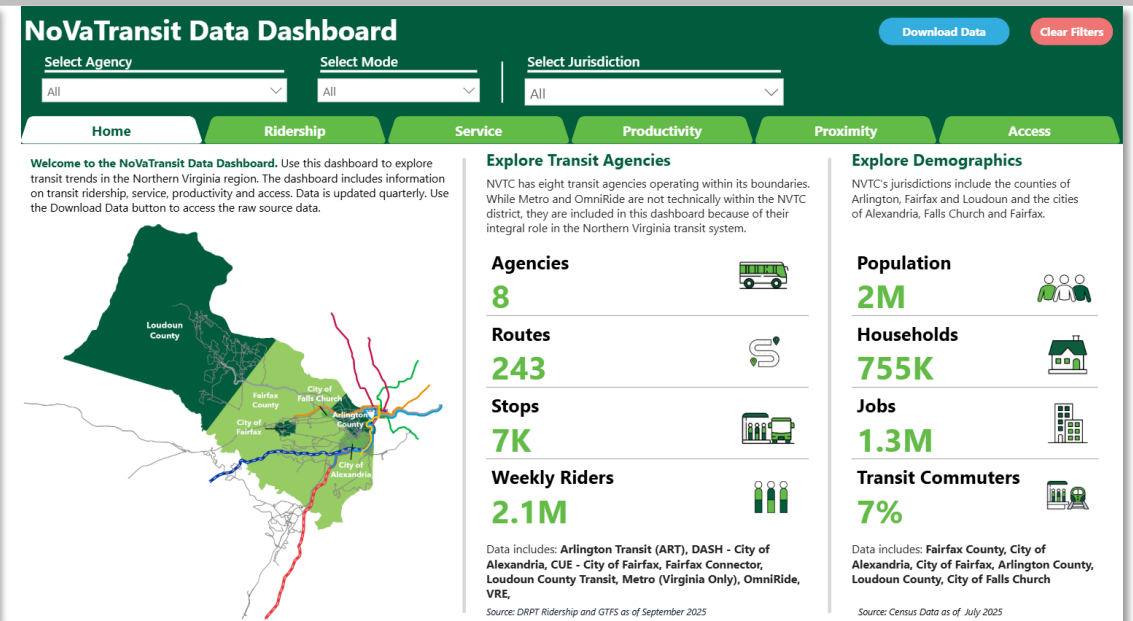
Source: NoVa Transit Data Dashboard/NVTC

- DRPT and NVTC regularly collect monthly ridership, performance, and service data from NOVA agencies
  - TPB can leverage these sources for aggregated ridership information but not disaggregated
- TPB's data needs do not/will not necessarily align with what's already collected
- <u>No known collated source available for data from Maryland member agencies</u>

The ask...and then the discussion

- BLUF: we want to streamline the way we receive transit data from our partners

- We want to work through the RPTS to coordinate the transit data requests that flow from us to you

  - Use the 'traditional' transit data ridership request as the first datapoint for this revised data sharing partnership

  - Establish regular POCs for the data we request

  - Provide data needed by TPB at a regularly scheduled interval that works for both partners

  - We want to leverage reports or other data products you produce already, if possible, to minimize the burden

- <u>**Discussion - what will work for you?**</u>

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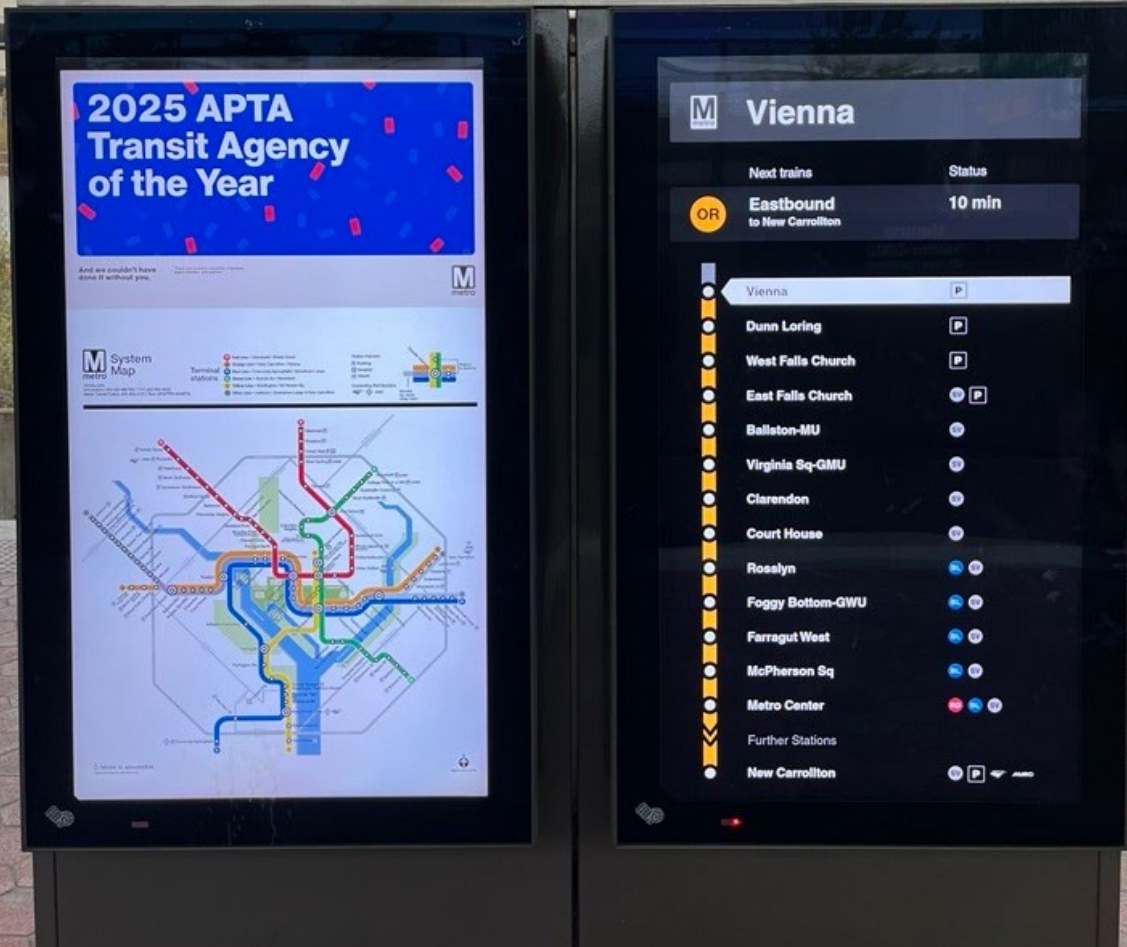
Discussion

➢ Can your agency provide monthly route-level ridership data?
  ➢ If so, is there a time lag in the data?
  ➢ If not, what are the challenges?

➢ Would a TPB Sharepoint site containing member-only data depositories work for you to submit requested data regularly?

➢ Can data requests be sent to you (RPTS liaisons) or should they go to other agency contacts?

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