

TPB TRANSIT DATA NEEDS AND REQUEST PROCESS - UPDATE

Mobility Analytics Program

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TPB Regional Public Transportation Subcommittee
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A brief history of transit ridership data collection

- Enhancement of the Regional Transportation Data Clearinghouse (RTDC)
 - 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



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

TRAPEZE_LINE	JURIS	LINE NAME	ROUTES_PER_LINE	7/1/21 Thu	7/2/21 Fri	7/6/21 Tue	7/7/21 Wed
			() denotes discontinued route as of 6/2022				
NON- ASSIGNED	NO JURIS	NON- ASSIGNED	NON- ASSIGNED	7,124	8,446	7,167	7,51
2	VA	Alexandria-Pentagon	10A, (E)	1,123	1,011	1,188	1,03
3	VA	Carlin Springs Rd	25B	772	787	762	81
4	VA	Alexandria-Fairfax	29K,N	1,296	1,471	1,224	1,16
5	VA	Leesburg Pike	28A	3,107	3,270	3,298	3,37
7	MD	National Harbor-Southern Ave NH1		1,102	1,135	1,122	1,05
8	VA	Annapolis	(29C),G	284	339	375	32
9	MD	Annapolis Road	T18	2,480	2,708	2,622	2,71
10	MD	Ardwick Industrial Park Shuttlf12		139	113	158	14
11	DC	Benning Rd-H St Limited	X9	1,746	1,520	1,714	1,22
12	VA	Ballston-Farragut Square	38B	1,633	1,881	1,665	1,9C
13	MD	Greenbelt-Twinbrook	C2,4	4,397	5,243	4,911	4,85
14	DC	Benning Road-H Street	X2	6,664	7,193	7,020	6,64
15	DC	Garfield-Anacostia Loop	W6,8	850	1,236	1,140	1,17
16	MD	Beltsville-Silver Spring	14,2	8,444	8,345	8,444	8,44

Penn Weekday (Non Holidays)	Penn Avg Weekday Riders	Camden Weekday & Holiday	Camden Avg Weekday Riders	Brunswick Weekday & Holiday	Brunswick Avg
Penn	Camden	Brunswick			
166,791	8,340	23,332	1,167	33,185	
190,410	8,279	26,701	1,161	38,487	
181,302	8,633	25,377	1,208	37,987	
180,830	9,042	25,118	1,256	38,510	
171,079	8,554	25,229	1,261	36,173	
167,658	7,621	20,695	941	30,085	
175,932	8,378	26,170	1,246	38,077	
179,986	9,473	25,726	1,354	39,702	
224,976	9,782	32,646	1,419	47,872	
193,049	9,652	28,587	1,429	40,600	
237,001	10,773	31,248	1,420	46,322	
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2,069,014	8,957	290,829	1,259	427,000	

Penn Weekday (Non Holidays)	Penn Avg Weekday Riders	Camden Weekday & Holiday	Camden Avg Weekday Riders	Brunswick Weekday & Holiday	Brunswick Avg
Penn	Camden	Brunswick			

A	B	C	D	E
	Trips (UPT)	Adjusted UPT	(VRM)	Adj
July-20	23,287		115,719	
August-20	24,716		128,151	
September-20	27,987		129,157	
October-20	29,327		128,739	
November-20	23,242		110,706	
December-20	22,190		125,798	
January-21	20,036		104,835	
February-21	21,498		116,657	
March-21	31,714		141,698	
April-21	32,956		135,447	
May-21	35,237		123,007	
June-21	49,437		219,903	
FY2021 Monthly Ridership Activity (MR-20)	341,627		1,579,816	
TOTALS	341,627		1,579,816	

Note:
Above ridership includes only VRE trains (no Amtrak Step-Up riders)
For FY2021, reduced schedule days during COVID pandemic are counted as regular schedule days (per K. F.
*VRM, VRH may be adjusted at the end of the fiscal year to account for cancelled or annulled trains reported

Full Schedule - resumed 6/1/21	Coach	Locomotive	VOMS	Cos
300 / 311	8	1		9
302 / 309	7	1		8
304 / 315	5	1		6
306 / 305	6	1		7
308 / 307	8	1		9
310 / 303	6	1		7
312 / 313	6	1		7
314 / 301	4	1		5
322/321/332/333	6	1		7
324/335	6	1		7
326/331	8	1		9
328/325/336/329	8	1		9
330/327/338/337	8	1		9
S-Schedule 7/1/20 through 7/26/20				99
302/509	8	1		9
302/509	8	1		9

A	B	C	D
1 Charles County VanGO			
2 Average Weekday Ridership			FY2026
3			
4			
5 Route	Jul	Aug	Sep
6 301 Connector	232		
7 Berry Road	84		
8 Brandywine Connector	139		
9 Business A	117		
10 Business B	141		
11 Charlotte Hall	89		
12 Indian Head	151		
13 La Plata	240		
14 Nanjemoy	49	Name	
15 Newburg/Bryans Road	65		
16 Pinefield	179	Apr 22 LFR.xlsx	6/23/2023 1:46 PM Microsoft
17 St. Charles A	116	Apr 22 Metro.xlsx	6/23/2023 1:46 PM Microsoft
18 St. Charles B	231	Apr 22.xlsx	6/23/2023 1:46 PM Microsoft
19 St. Charles C	158	Aug 21 LFR.xlsx	6/23/2023 1:46 PM Microsoft
20 St. Charles D	39	Aug 21 Metro.xlsx	6/23/2023 1:46 PM Microsoft
21		Aug 21.xlsx	6/23/2023 1:46 PM Microsoft
22 TOTAL	2030	Dec 21 LFR.xlsx	6/23/2023 1:46 PM Microsoft
		Dec 21 Metro.xlsx	6/23/2023 1:46 PM Microsoft
		Dec 21.xlsx	6/23/2023 1:46 PM Microsoft
		Feb 22 LFR.xlsx	6/23/2023 1:46 PM Microsoft
		Feb 22 Metro.xlsx	6/23/2023 1:46 PM Microsoft
		Feb 22.xlsx	6/23/2023 1:46 PM Microsoft

Agend

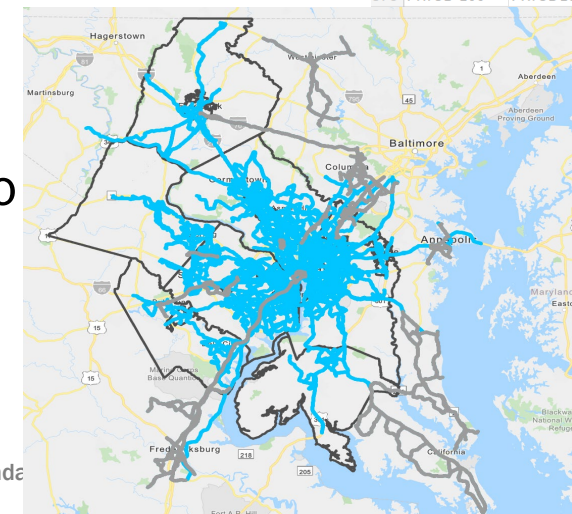
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October 28, 2025



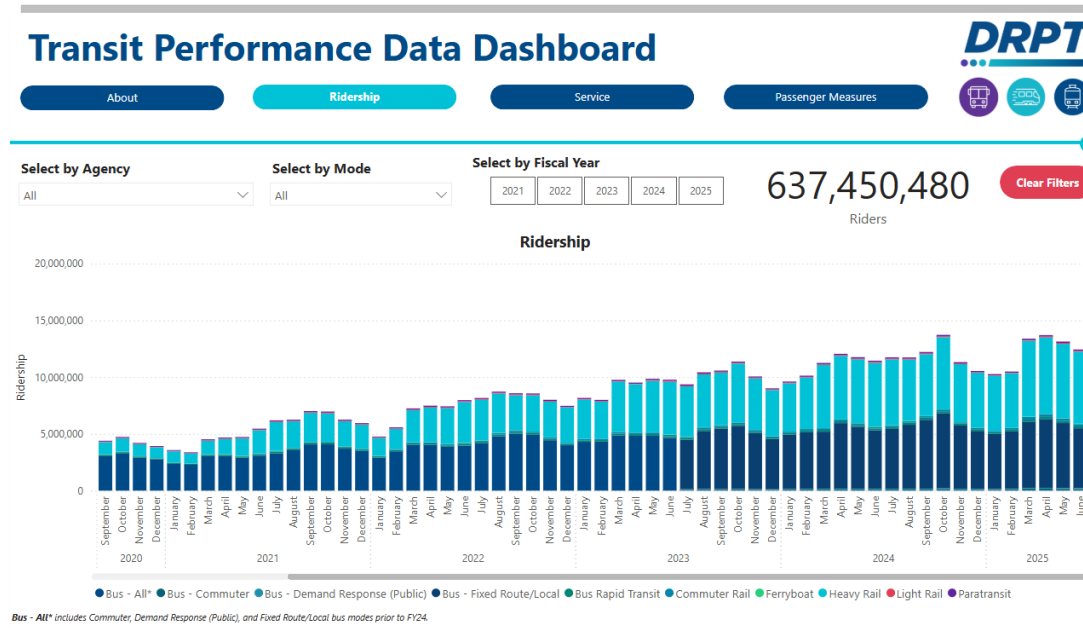
What we (currently) collect & what we do with it, cont.

- 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

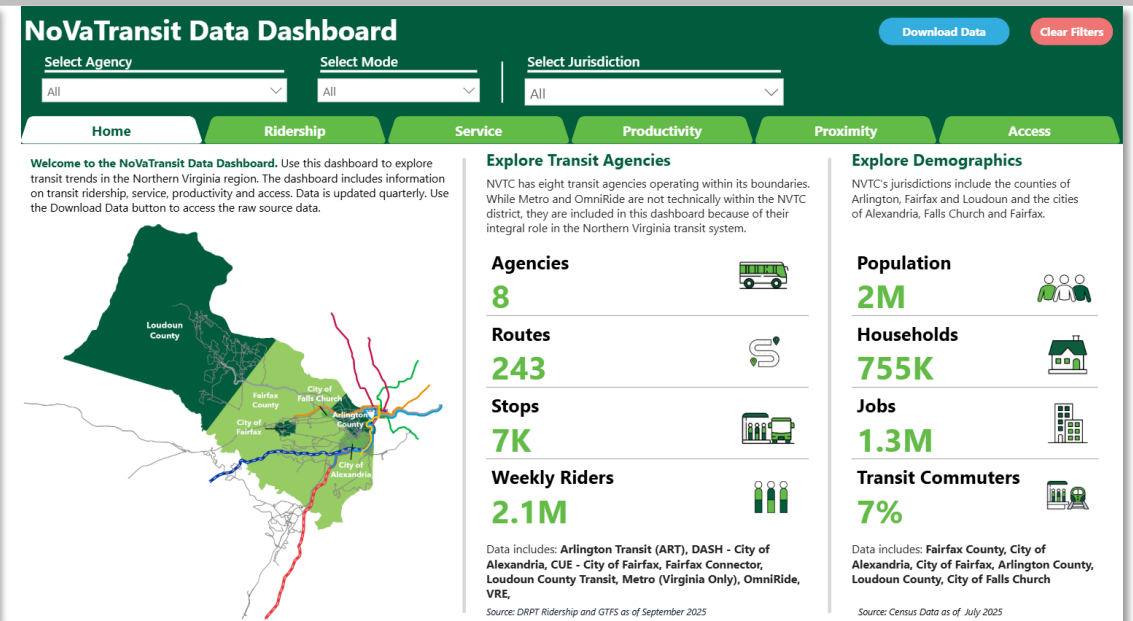
	A	B	C	D
1	GTFS	transitr_1	Agency	Route
357	MTC840	MT840I	MTA	840
358	MTC840	MT840O	MTA	840
359	MTC850	MT850	MTA	850
360	PRTC601	PRTC601N	OmniRide	601
361	PRTC601	PRTC601S	OmniRide	601
362	PRTC602	PRTC602N	OmniRide	602
363	PRTC602	PRTC602S	OmniRide	602
364			OmniRide	611
365	PRTC612	PRTC612I	OmniRide	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



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
- No known collated source available for data from Maryland member agencies

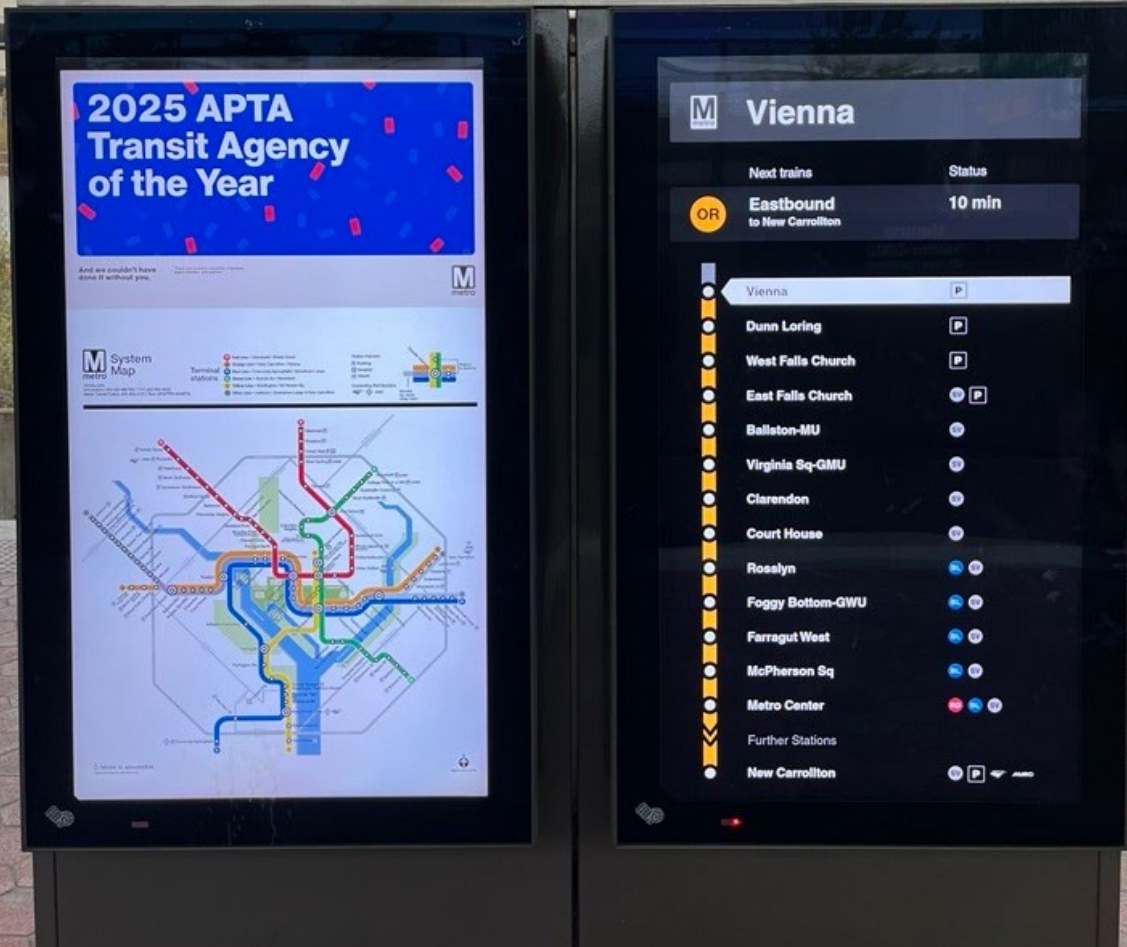


The ask...and then the discussion

- 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
- **Discussion - what will work for you?**



? Information



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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