

Transit Accessibility

"What we lack, however, is a strong, regional consumer group — independent of Metro — that lobbies both the transit authority and local governments for improvements in current transit service." Robert Thomson, "Dr. Gridlock," April 5, 2014

Whitaker Associates

Transiters

Stuart M Whitaker

2015

Have Roadways Gotten Better or Worse?

New Report: D.C. Area Really Does Have the Worst Traffic in the U.S.

By Adam Tuss | Tuesday, Feb 5, 2013 | Updated 8:23 PM EDT

10 U.S. Cities With The Worst Gridlock



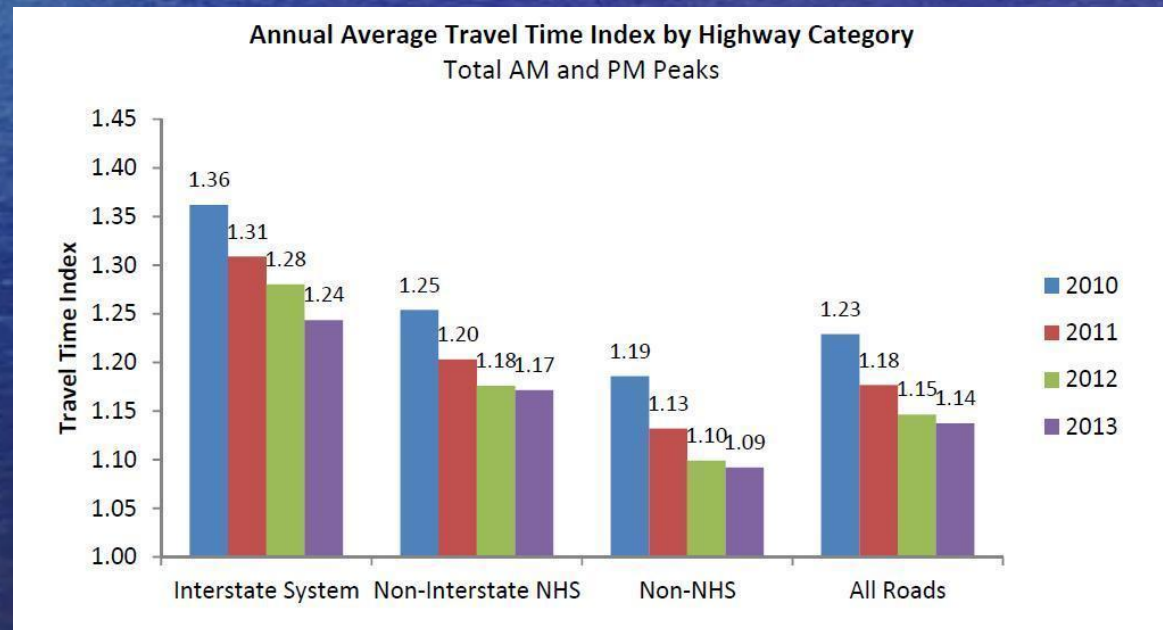
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DC Region Auto Travel Has Steadily Improved

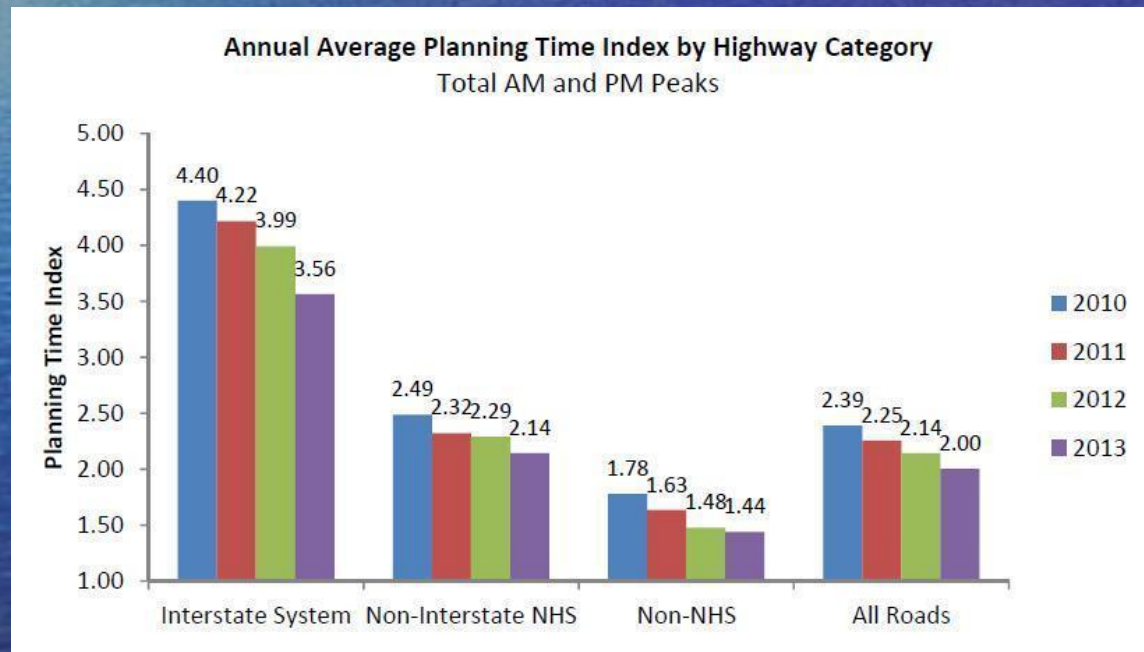
Travel Time Index (TTI) – actual travel time to free-flow travel time (MWCOCG 2014 CMP Technical Report)

Peak Period:
6:00-10:00AM
3:00-7:00PM



Even Peak Period Delay Steadily Improving ...

Planning Time Index (PTI) is 95th Percentile of TTI (2014 CMP Technical Report)



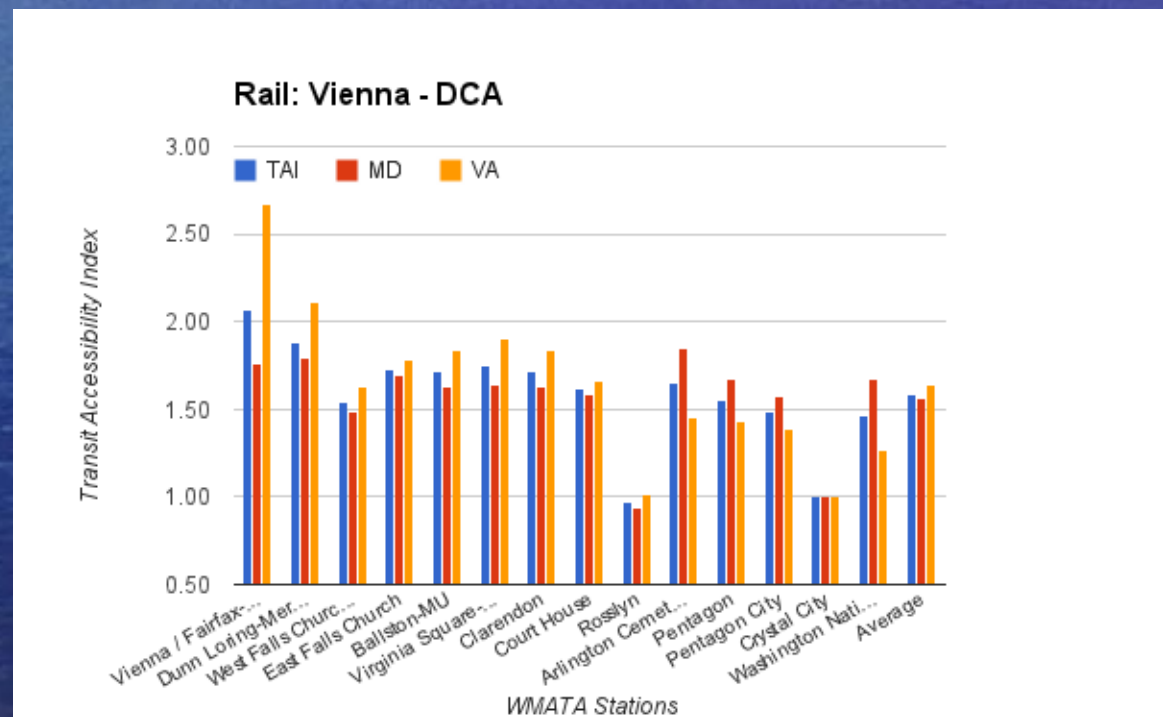
Has Public Transit Gotten Better or Worse?

MetroRail is *Almost Always* Slower Than Driving

- Transit

Accessibility Index
(TAI): transit travel
time v same-period
auto travel time

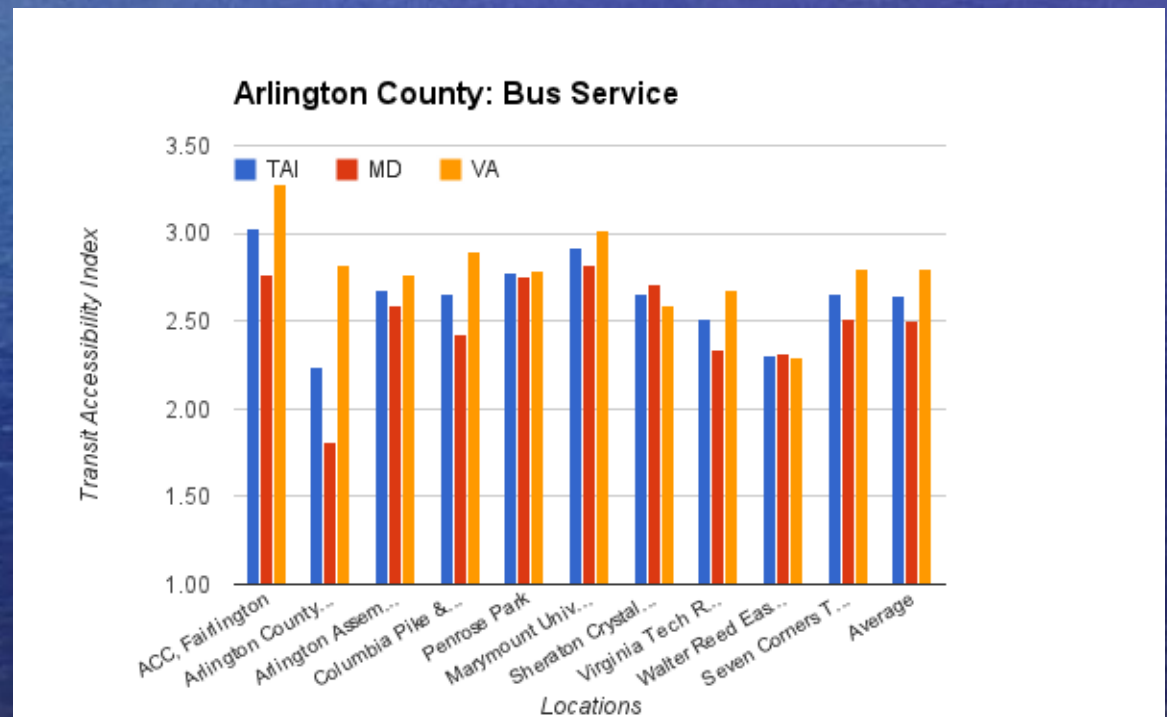
- TAI = 1.58
for these stations
(Whitaker)



Bus *is* Always Slower – Even in Transit-Oriented Arlington

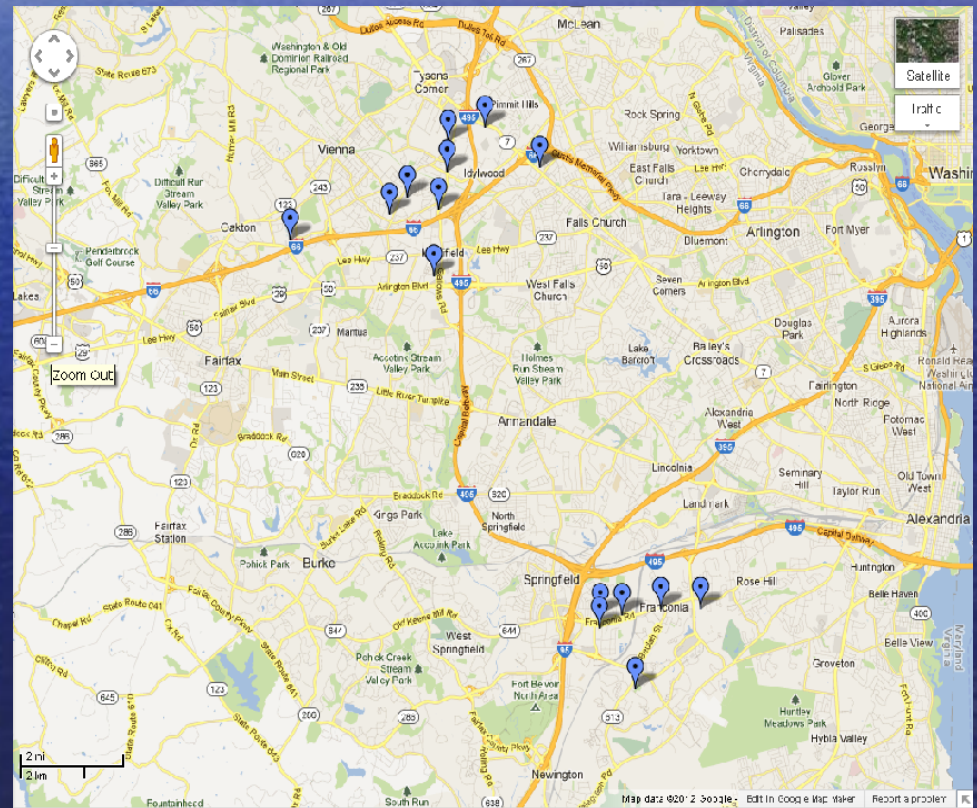
- TAI = 2.64
for these 11
locations

- Note:*
Virginia residents
usually even worse
off than others



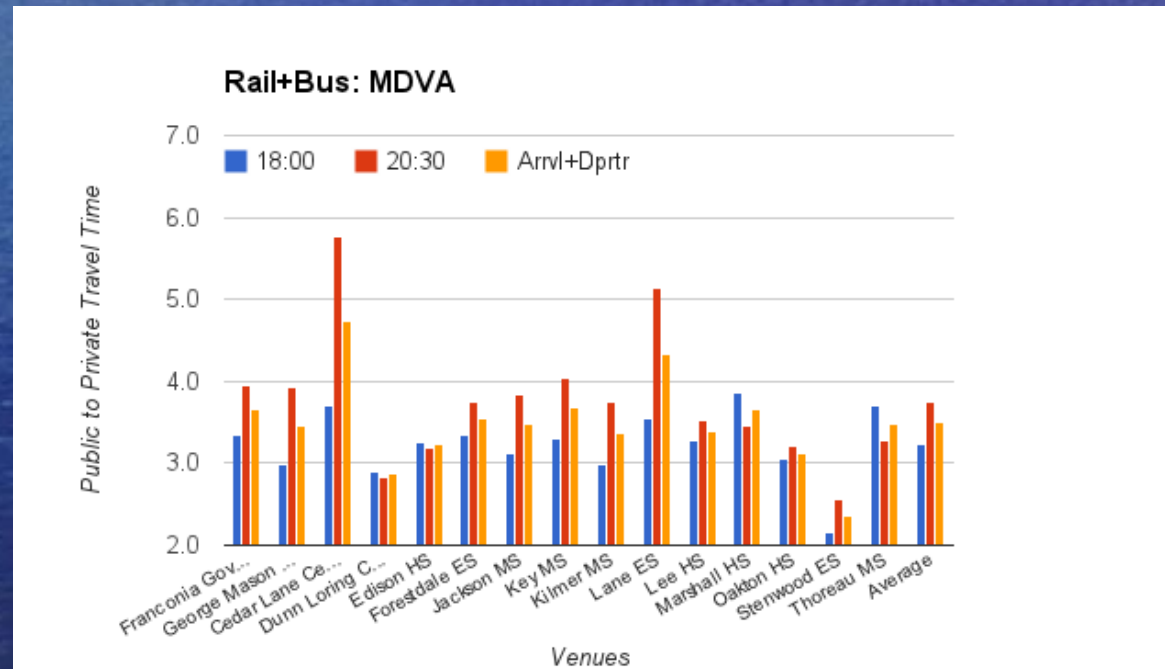
Case Study: Potential FCDOT Meeting Locations

- FCDOT 1st Cut
- Venue Criteria:
 - Close to Rail
- Profile:
 - 13 Fairfax Schools
 - 1 Government Center
 - 1 Falls Church City School



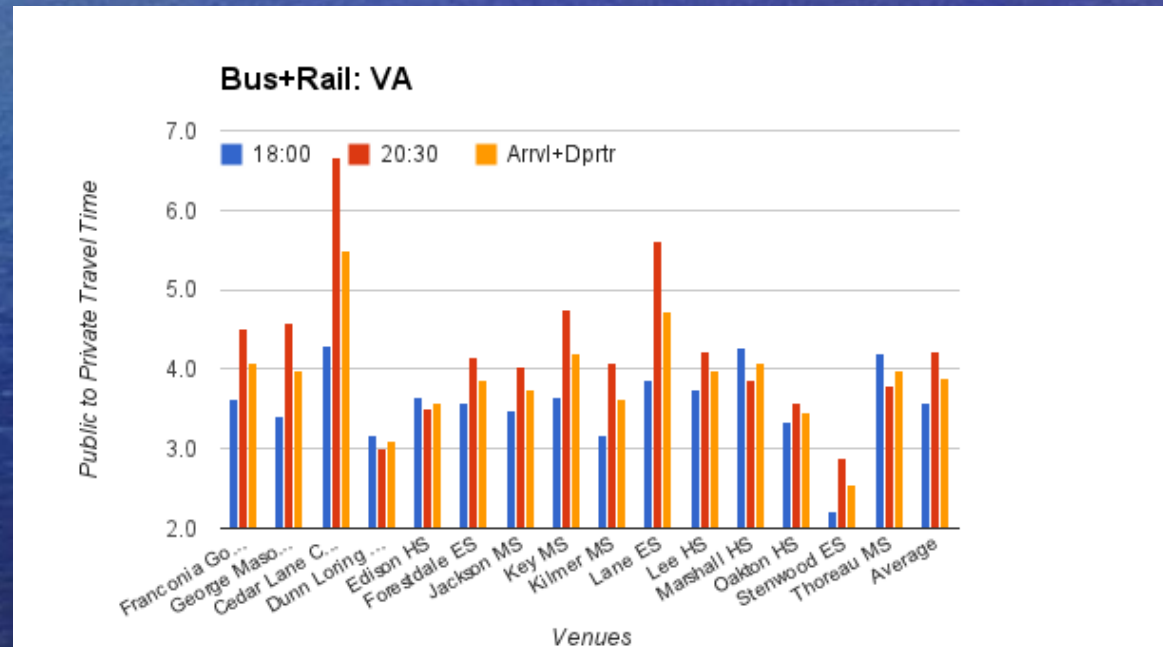
Rush Hour (6 PM) Beats Night Service (8:30 PM)

- Average TAI is 3.5
- Best venue located by Dunn Loring MetroRail station
- Worst venue suffers from long headway



Virginia-only Travelers: More Waiting, Longer Time

- 3.9 Average TAI
- Worst venue has 6.7 departure TAI



TPB Vision Statement: Goals and Objectives, 1998

- Goal 1. “The Washington metropolitan region's transportation system will provide reasonable access at reasonable cost to everyone in the region.”
- Objectives:
 - Comprehensive range of choices for everyone
 - Accurate up-to-date understandable user-friendly real time information all modes and languages
 - Serve special accessibility needs
 - Serve bicycles and pedestrians

Please Support A Simple ReSolution

Public Transit *Cannot* serve every location equally ... so

- Locate offices and facilities where they are reasonably accessible.
- Schedule meetings at times and locations that are reasonably accessible.
- Encourage contractors and other businesses to follow suit.
- Ensure that employees do not have to own automobiles.



Thank you

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