

# Select Points on State of Biking in Arlington

Bike Elements of MTP Working Group

June 12, 2017



## 2008 Bike Elements Goal:

The plan establishes an objective of having at least half of all residents ride bicycles for transportation purposes at least occasionally.

# Arlington's Bicycle Mode Share

2015 Census Bureau/American Community Survey:

Bike Primary Mode: **1.7%**  
(2009: 0.8%)

2015 Arlington Resident Travel Survey:

Bike Primary Commute Mode: **5%**  
Bike Secondary Commute Mode: **4%**  
% of Wkly Comm Trips by Bike: **5.2%**  
Avg. Bike Commute distance: **5.4 miles**

2015 Arlington Resident Travel Survey:

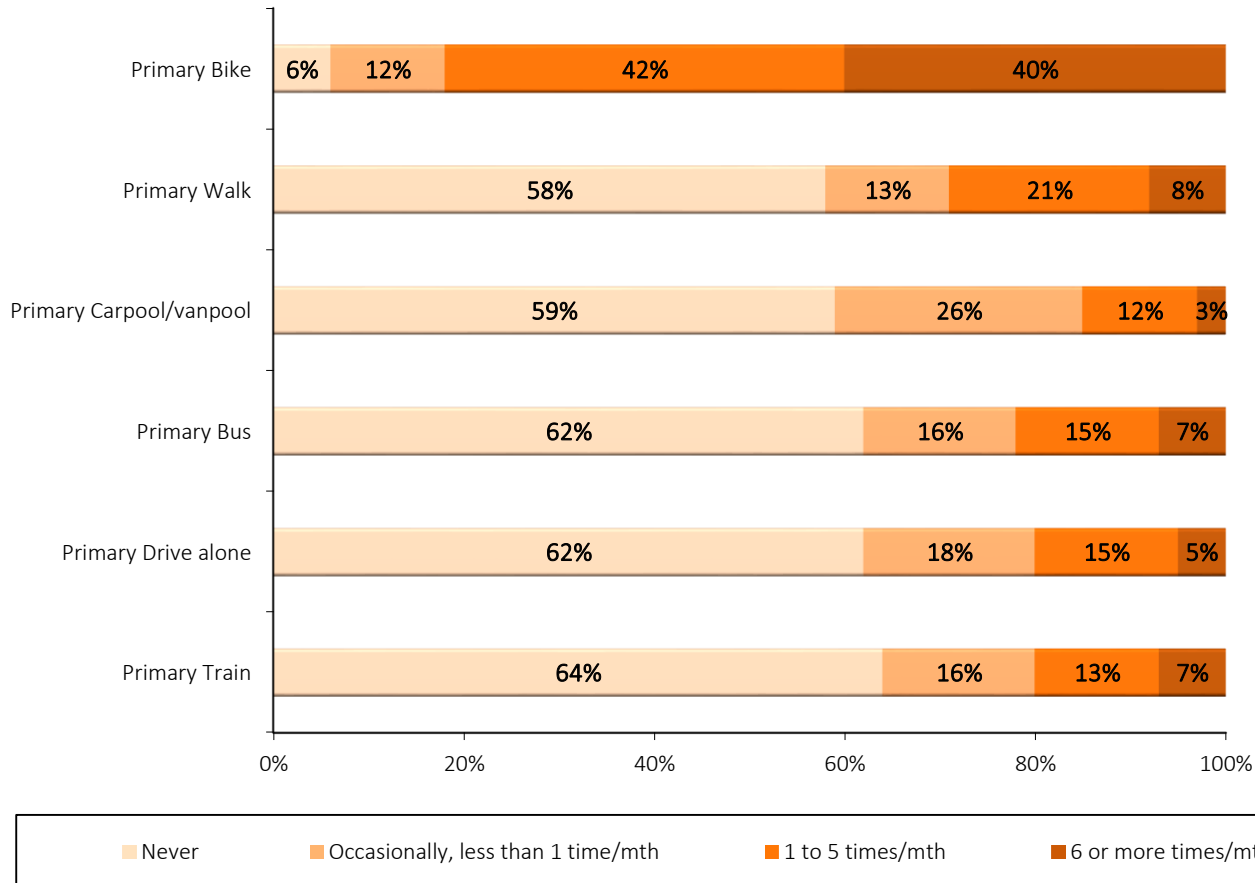
% of Residents Who Used Bikes  
for Non-work Trips: **12%**

# Arlington Resident Travel Survey

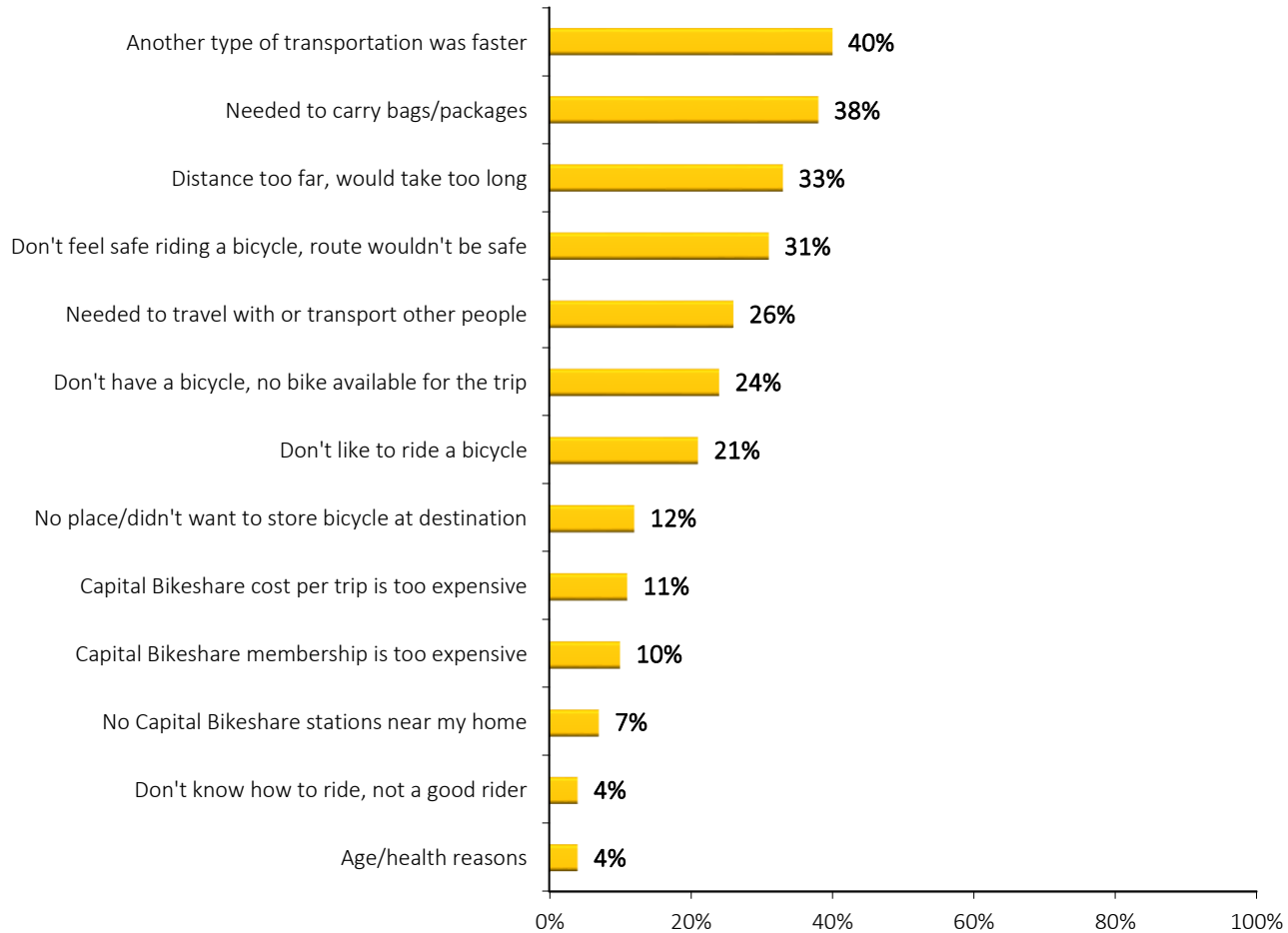
When asked to allocate a \$100 transportation budget across eight needs:

Bus/Train Service Enhancements:	\$30
Street/Roads maintenance, sign, signals:	\$26
Sidewalk Improvements:	\$11
Public Parking Lots/Garages:	\$10
<b>Bike Paths/Lanes:</b>	<b>\$10</b>
Information Services to support Carpool and Transit Use:	\$5
<b>Capital Bikeshare:</b>	<b>\$4</b>
<b>Bike Racks in Public Areas:</b>	<b>\$4</b>

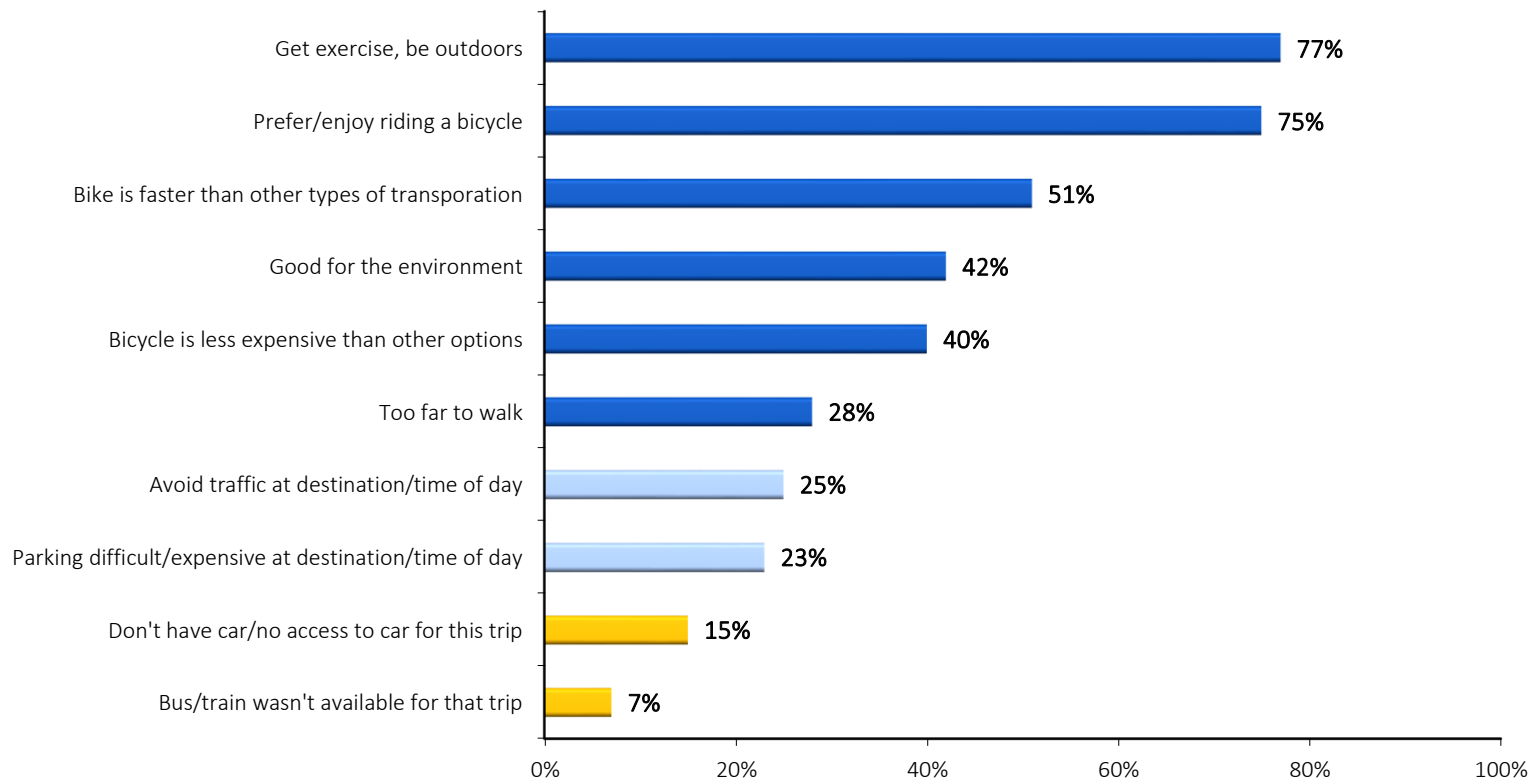
# Frequency of Bicycle Use for Non-work Trips By Primary Commute Mode



# Reasons for Not Using a Bicycle for Recent Non-work Trips



# Reasons for Using Bicycle Transportation for Recent Non-work Trips



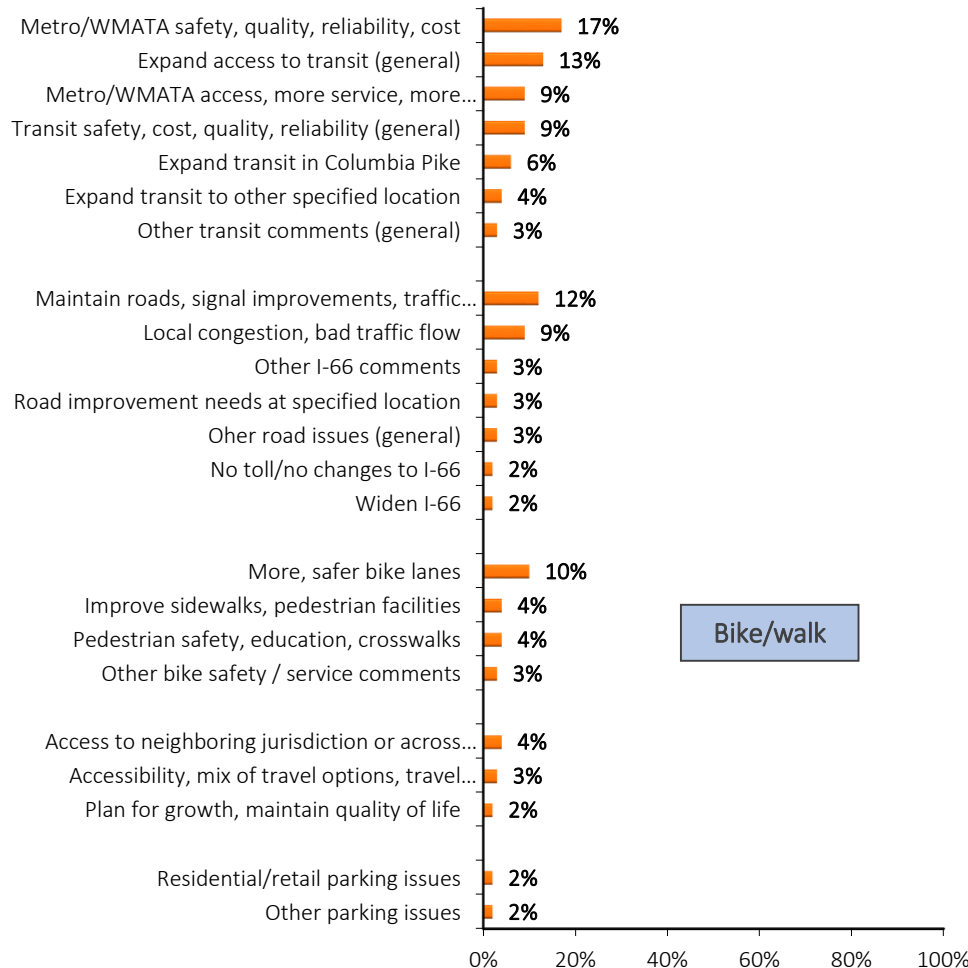
# Ratings for Availability of Transportation Service in Current Neighborhood by Home Area

Transportation Service	County-wide	Rosslyn-Ballston	Jefferson Davis	Columbia Pike	Shirlington	Other (North)	Other (South)
Bus service	81%	88%	72%	85%	86%	75%	76%
Safe sidewalks/walking paths	74%	80%	78%	65%	88%	72%	72%
Bike lanes/off-street trails	69%	74%	72%	48%	84%	72%	66%
Capital Bikeshare stations	67%	88%	86%	69%	84%	39%	65%
Metrorail	62%	95%	94%	30%	24%	61%	35%
Residential building parking	58%	56%	64%	57%	69%	61%	52%
Neighborhood street parking	50%	33%	42%	42%	53%	70%	48%
Carshare	45%	76%	72%	36%	40%	24%	24%

Blue shading indicates substantially higher availability; Yellow shading indicates substantially lower availability

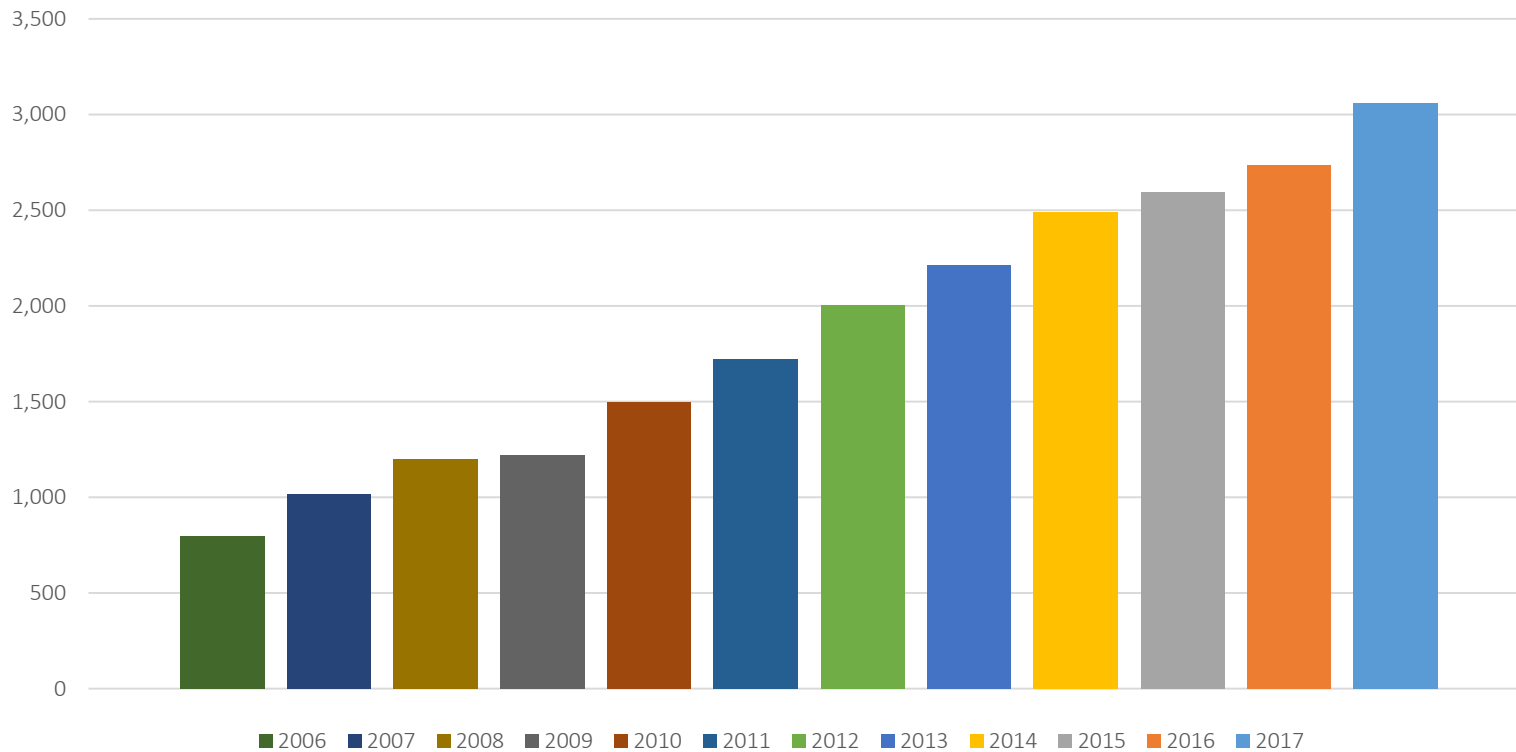


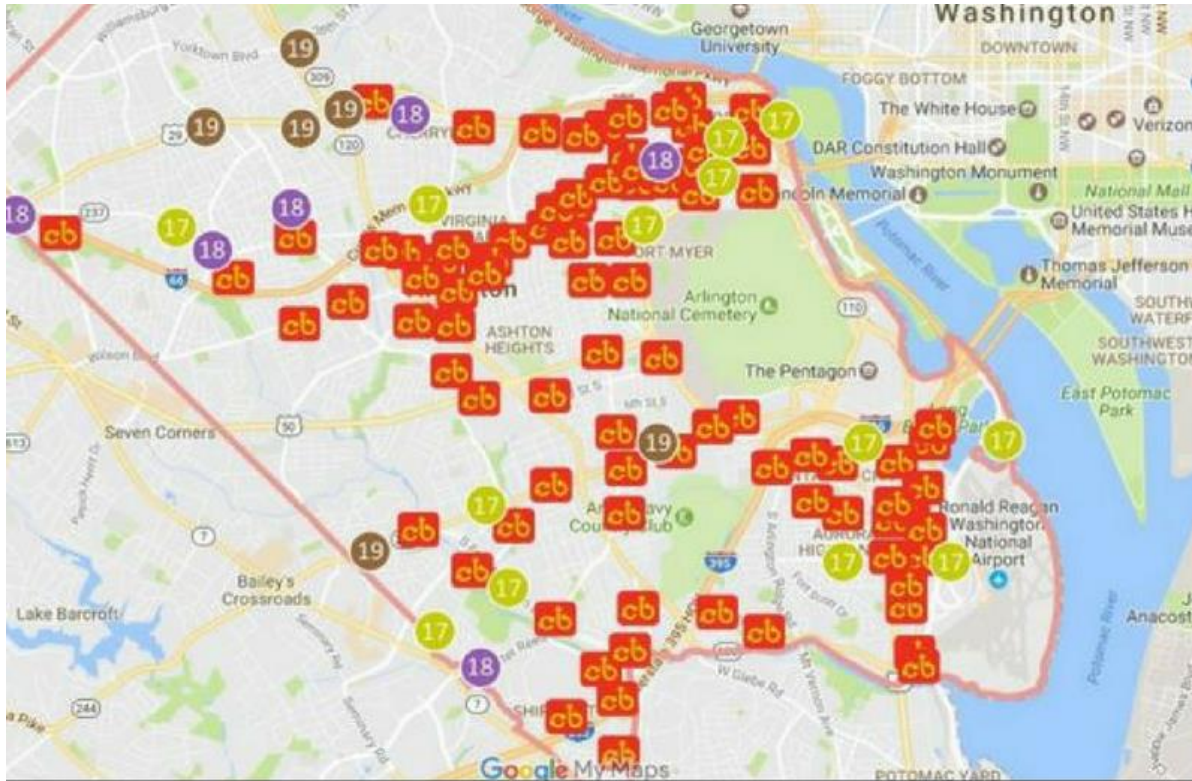
# Most Important Transportation Needs or Concerns in Arlington County



# Bike to Work Day Growth

Arlington Bike to Work Day Registrations





capital  
bikeshare™

## Arlington County

- 91 Stations
- 1.2 Million Trips to Date
- 71% Use Bikeshare to Access Transit
- Potential Expansion to 135 Stations



## CaBi Usage in Arlington

- 2016 Annual Members: 3,614
  - Percentage by Region/Zip:
    - Rosslyn-Ballston Corridor (22201, 03, 09): **57%**
    - Crystal City Corridor (22202): **18%**
    - Columbia Pike (22204): **12%**
    - Shirlington; Fairlington (22206): **5%**
    - North Arlington (22207): **4%**
    - West Arlington (22205): **4%**
- 2016 CaBi Trips in Arlington: **261,625**
  - By Members – 215,653 **82%**
  - By Casual Users – 45,972 **18%**

# Latent Demand Analysis: Arlington\*

## Highest Latent Demand

Rosslyn-Ballston corridor

## Also Strong Latent Demand

North-South connections

Arlington Boulevard Trail

N. Quincy Street

N. Irving Street

\* VDOT NoVa Regional Bikeway and Trail Network Study 2015 Update

# Thank you - Questions?



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