

# Arlington County Oversample and Special Analysis of the 2017/2018 MWCOCG Regional Travel Survey

Presentation to the Transportation Commission

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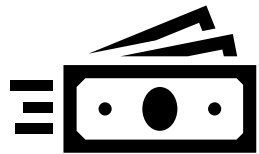
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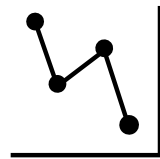


# What is Mobility Lab?

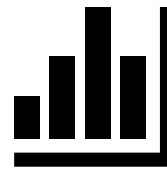
- A division of Arlington County Commuter Services (ACCS), the Transportation Demand Management (TDM) agency for Arlington County.
- A research center and communication source for transportation behavior, policy and TDM.



Funded by multiple sources including the Virginia Department of Rail and Public Transportation (DRPT)



Design and conduct TDM research for Arlington County



Partner with established research subcontractors



Interact with major regional TDM stakeholders



Communicate results and raise awareness on TDM in Arlington through our website and newsletters



# Arlington County Oversample and Special Analysis of the 2017/2018 MWCOG Regional Travel Survey

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Background and Methodology of the Report



# What is the Arlington County Oversample and Special Analysis of the 2017/2018 MWCOCG Regional Travel Survey?

- Data from the 2017/2018 Regional Travel Survey conducted by the Metropolitan Washington Council of Governments (MWCOCG). Survey is conducted every 10 years.
- Arlington County paid for an oversample of additional households for the following areas of interest: Rosslyn-Ballston corridor, Columbia Pike, Route 1 corridor (Pentagon City-Crystal City), and Shirlington.
- Random sample of Arlington households, which included a travel diary that records trips made within a 24-hour period:
  - 1,324 Arlington households (512 from oversample)
  - 2,318 Individuals reporting travel behavior
  - 8,082 trips reported
- Topics covered: demographic characteristics (i.e., household size, vehicle ownership), trip information for commute and non-commute travel (i.e., trip purpose, origin/destination, mode of travel, trip counts), commute assistance services.
- New topics: ridehailing included as a travel mode, but scooters were not included.

# Key Highlights

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Results and findings from the report



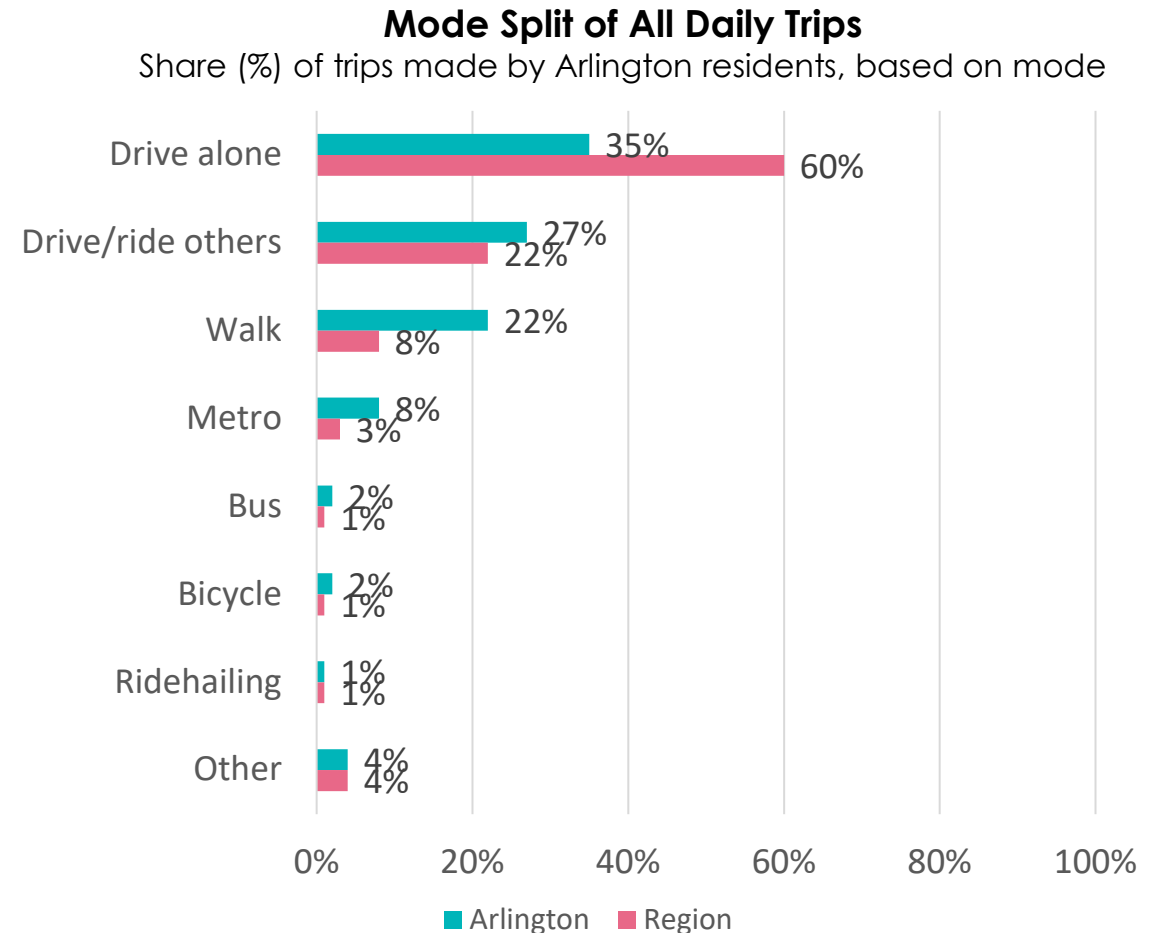
# Demographics: Key shifts are higher household income, more renters, lower level of car ownership

- 65% of Arlington households report an income of \$100,000 or more, an increase from 47% ten years ago.
- 45% of Arlington households are renters, an increase from 40% previously.
- 12% of Arlington households are car-less, an increase from 8% ten years ago.



# Mode split: Arlington residents tend to drive alone less and use non-SOV modes more than region

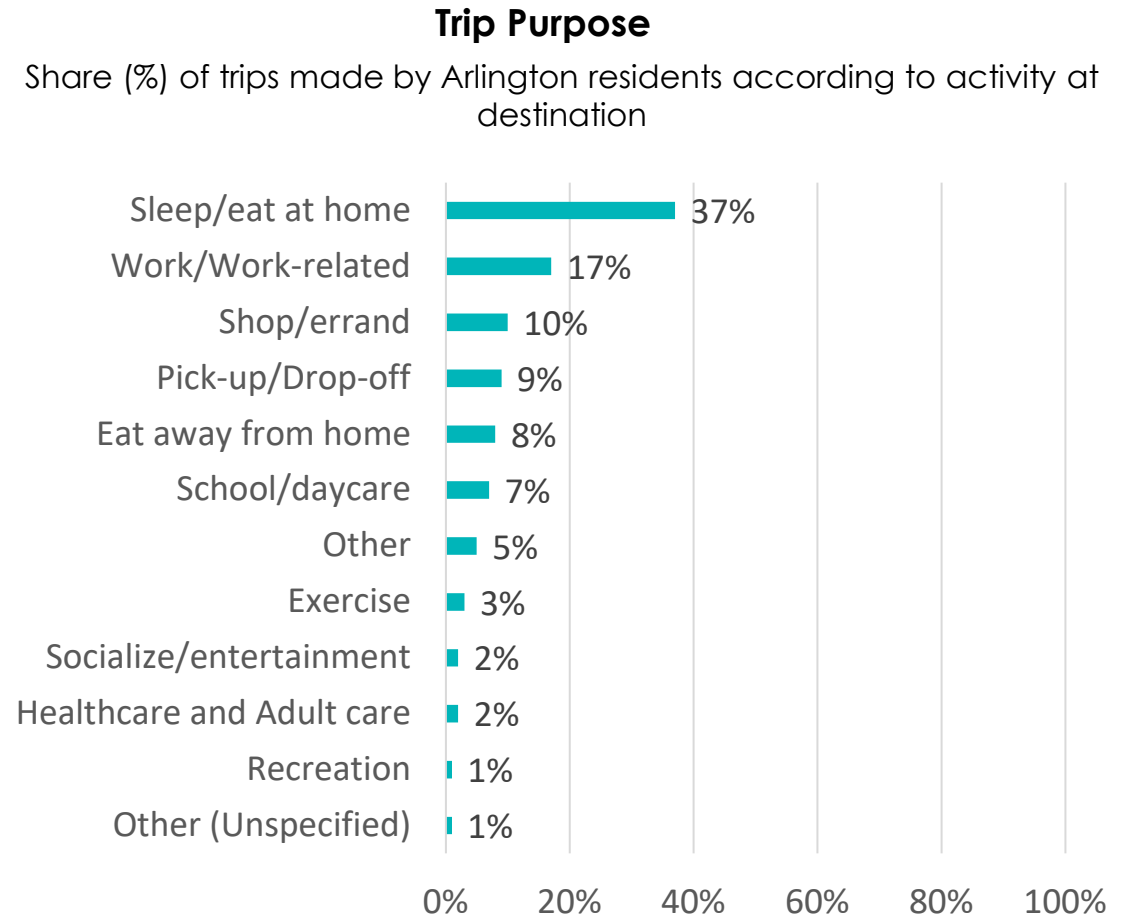
- Arlington residents drive alone at a lower rate compared to the region: 35% vs. 60% regionally.
- Arlington's drive alone rate decreased to 35% from 40% in the previous Regional Travel Survey.
- Arlington residents choose non-SOV modes at a higher rate compared to the region:
  - Walking: 22% vs. 8% regionally
  - Metro: 8% vs. 3% regionally
  - Bus: 2% vs. 1% regionally
  - Bicycle: 2% vs. 1% regionally





# Trip purpose: Arlington is a top destination among residents

- 71% of trips made by Arlington residents end in Arlington. Even when “go-home” trips are not counted, Arlington is still the top trip destination.
- 53% of trips made by Arlington residents are within Arlington County.
- Top mode by trip purpose:
  - Transit trips comprise 26% of work/work-related trips
  - Drive alone trips account for 51% of shop/errand trips; 43% are for work/work-related trips
  - Walking trips comprise 42% of eat away from home trips
  - Ridehailing trips make up 19% of airport or train/bus terminal trips



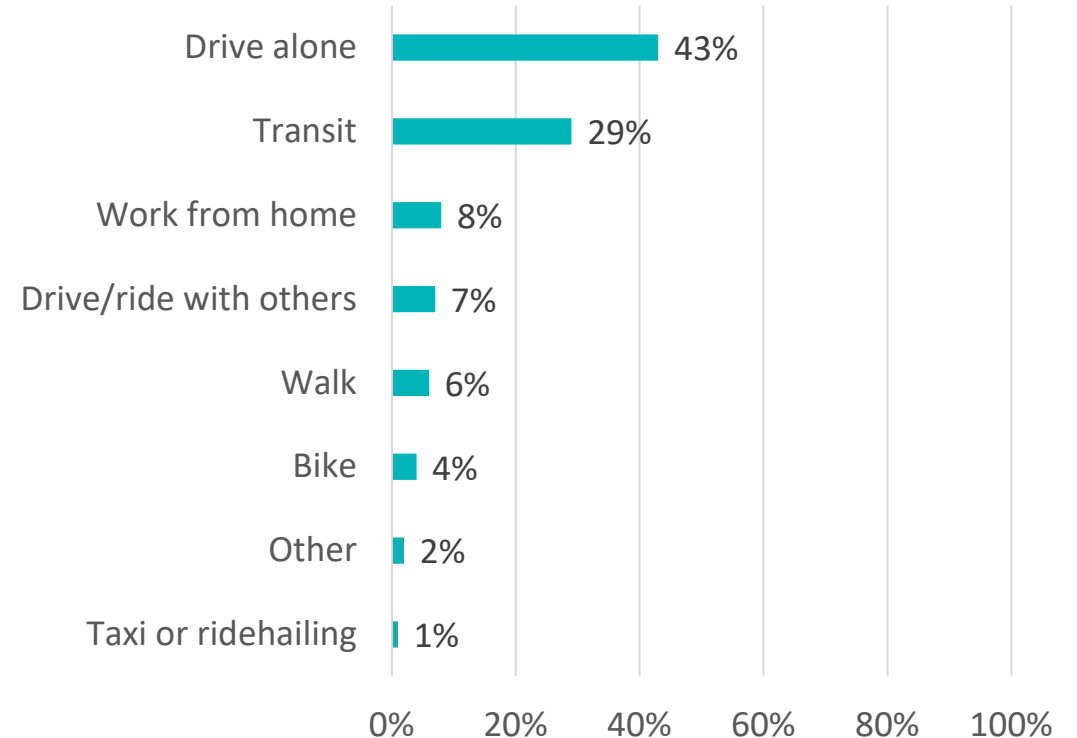


# Work travel: Drive alone is top mode choice for work trips, with notable shares of transit, biking, walking

- 43% of Arlington residents drive to work (down from 55%).
- 29% use transit to go to work (up from 27%).
- Top work locations by mode:
  - Drive alone: Fairfax, VA (16%), Arlington, VA (10%), Washington, DC (8%)
  - Transit: Washington, DC (21%), Arlington, VA (4%), Fairfax, VA (3%)
  - Walk: Arlington, VA (5%)
  - Bike: Washington, DC (3%)
- 55% were eligible to telework at the time of survey. Of those eligible, 22% did not take telework days.

## Mode Split of Work Trips

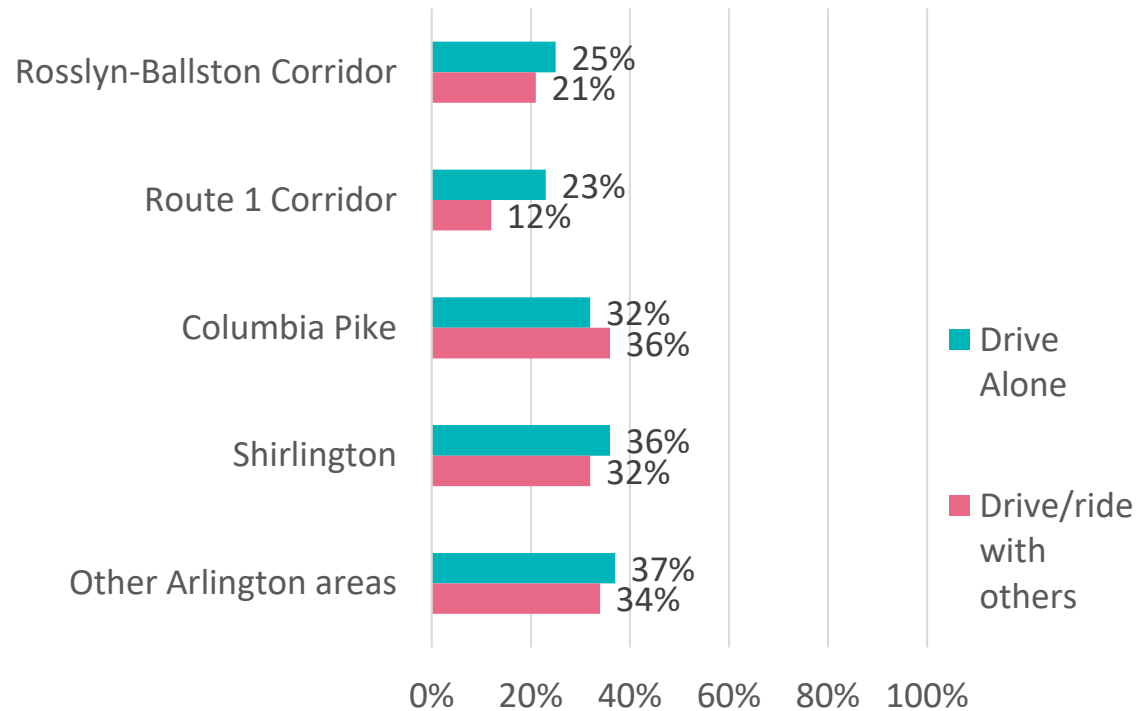
Share (%) employed Arlington residents according to their usual way of commuting to work



# Planning area differences: Higher transit use and walking in transit corridor areas of Rosslyn-Ballston and Route 1 (Pentagon City-Crystal City)

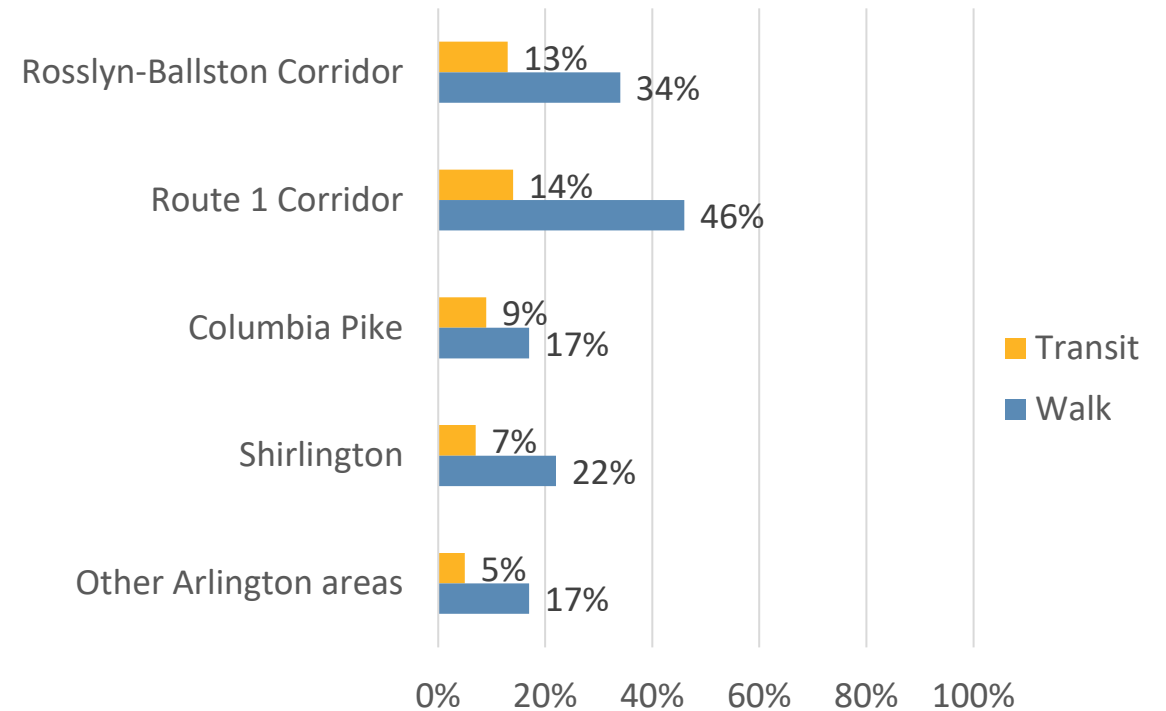
## Drive Alone and Drive/Ride with Others Trips to Arlington Planning Areas

Share (%) of trips to Arlington that are drive alone trips and Drive/Ride with Others trips, by Arlington planning area of destination



## Transit and Walk Trips to Arlington Planning Areas

Share (%) of trips to Arlington that are transit trips and walk trips, by Arlington planning area of destination



For more details and a copy of the Oversample and Special Analysis report:

Visit <https://mobilitylab.org/household-travel-survey-2021/>

# Thank you!

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Q&A

