

Resident Transportation Needs Assessment Survey

2021 Results

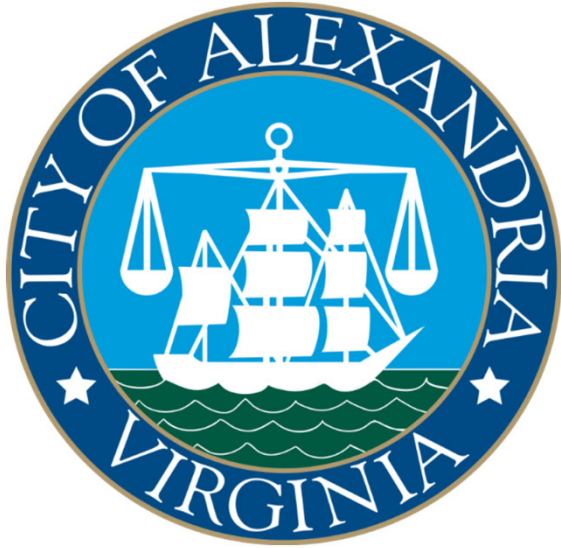
Survey Methods

4,200 households

617 completed surveys (18%)

4% Margin of Error

Results weighted

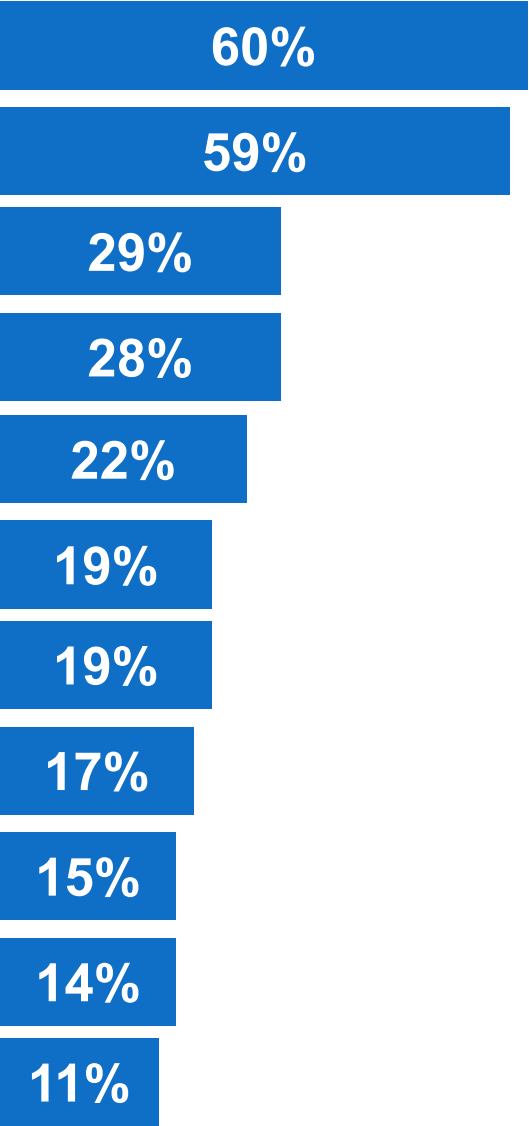


Modal Share of the Work Commute

Work Commute

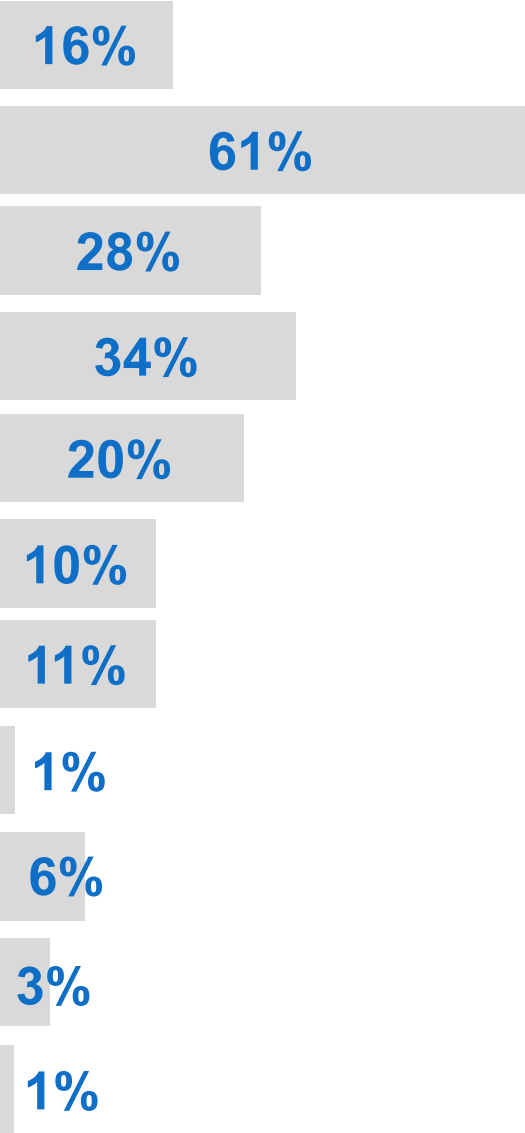
Percent of Employed Respondents Who Made at least One Work Commute Trip via Each Mode

2021



- Working at home
- Driving alone
- Walking
- Metrorail
- Bus
- Taxi/Uber
- Carpooling
- Capital Bikeshare
- Biking
- Other modes
- VRE Commuter Rail

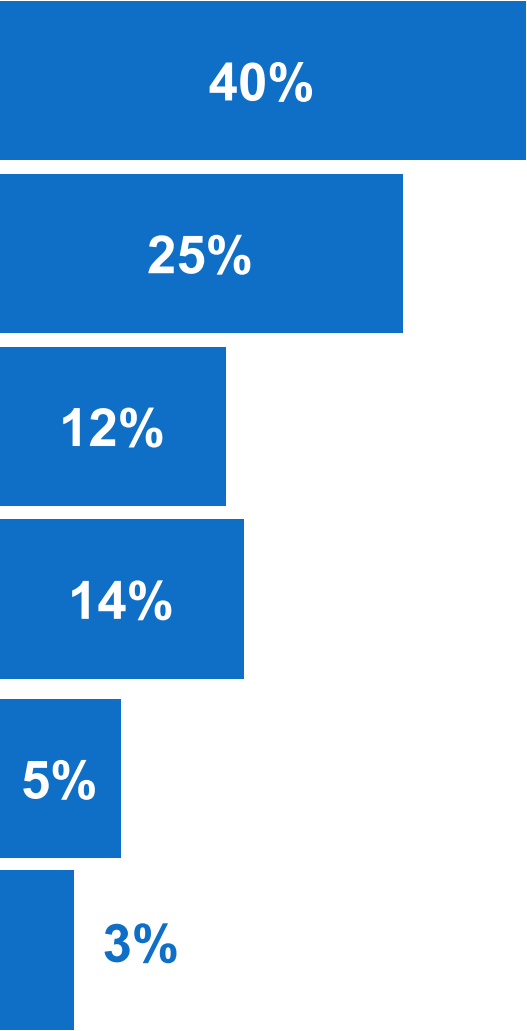
2016



Work Commute

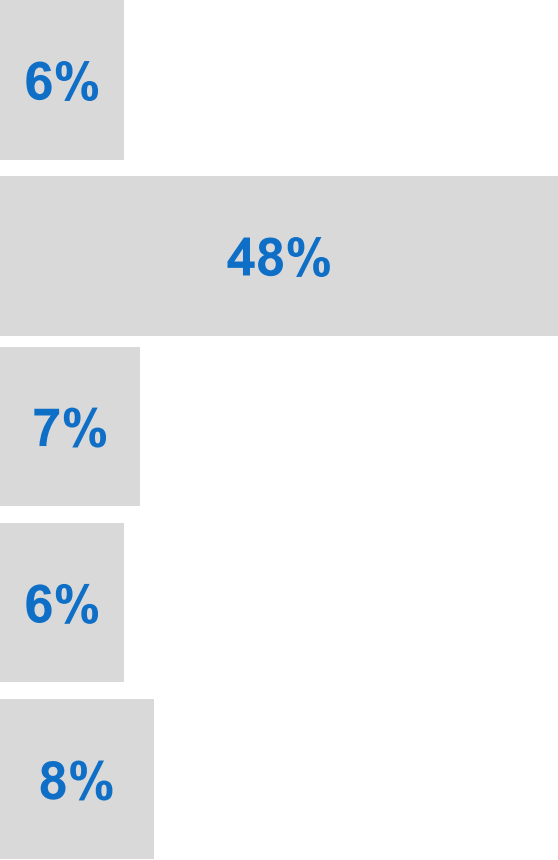
Average percent of total work trips made by via Each Mode

2021



- Working at home
- Driving alone
- Walking
- Metrorail
- Bus
- Capital Bikeshare

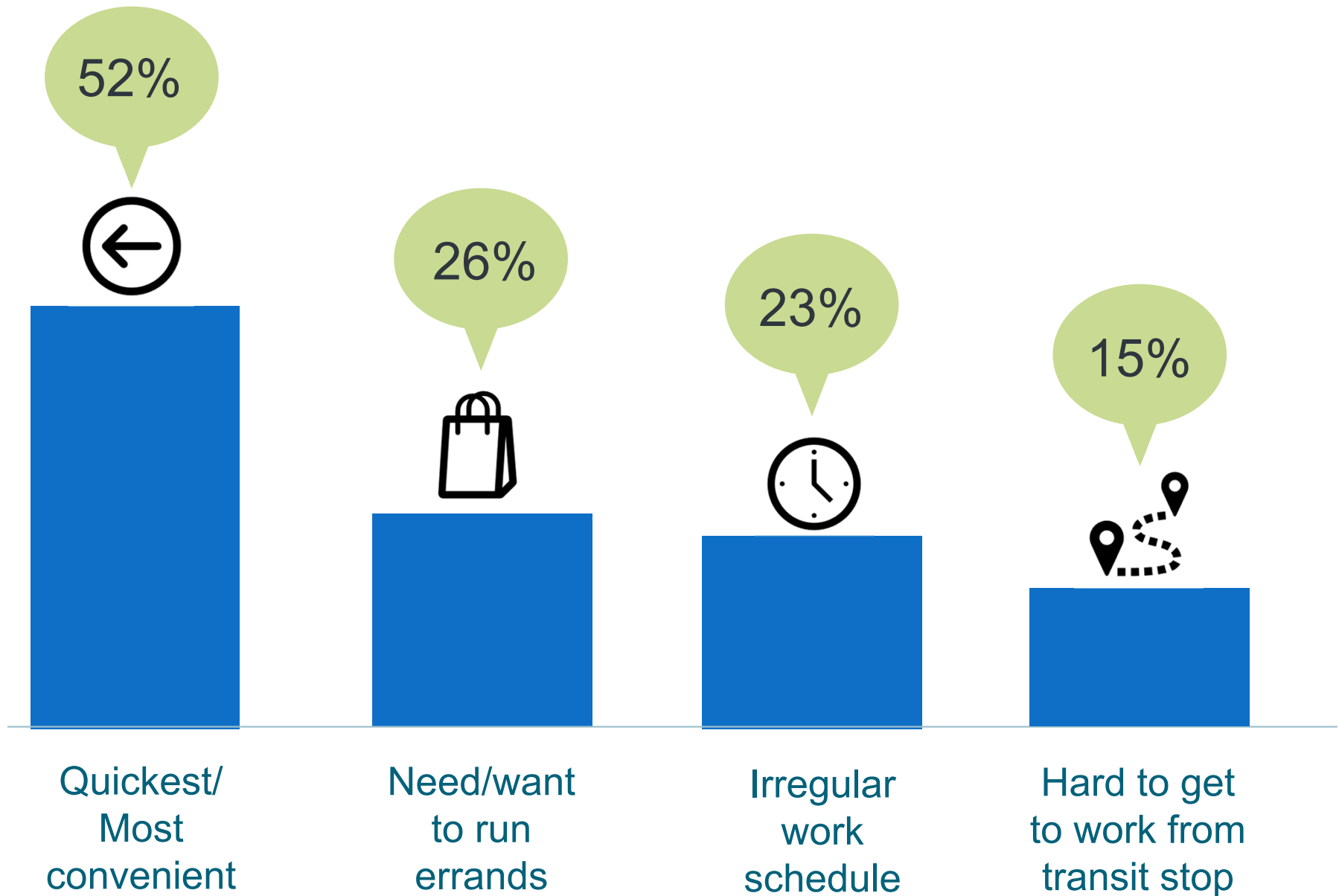
2016



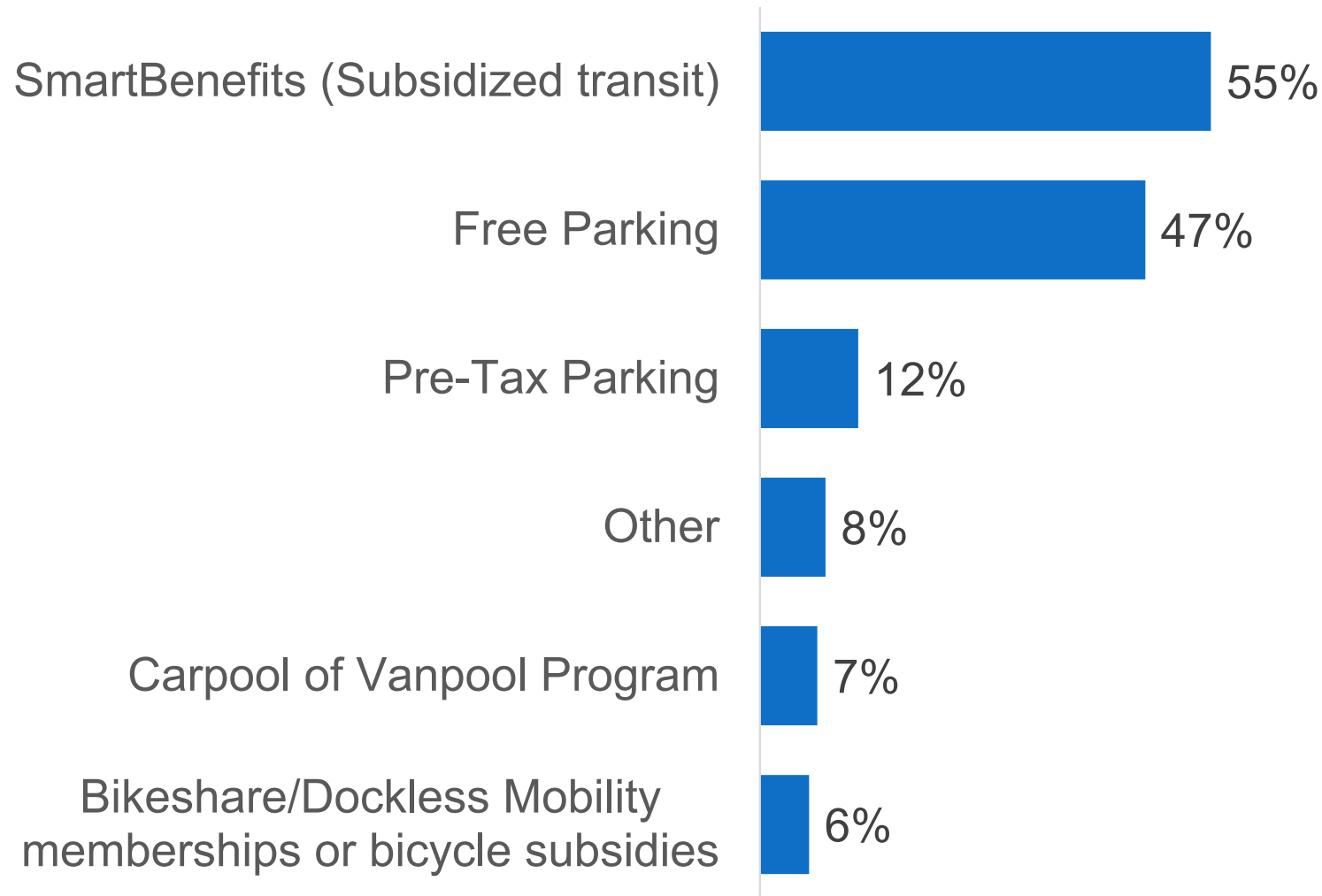
Work Commute – Effect of Pandemic

I now work from home more days of the week	35%
I now work from home full time . I no longer commute	28%
Little or no change in the amount I work from home	30%
I now work from home fewer days of the week	7%

Main Reasons for Driving to Work

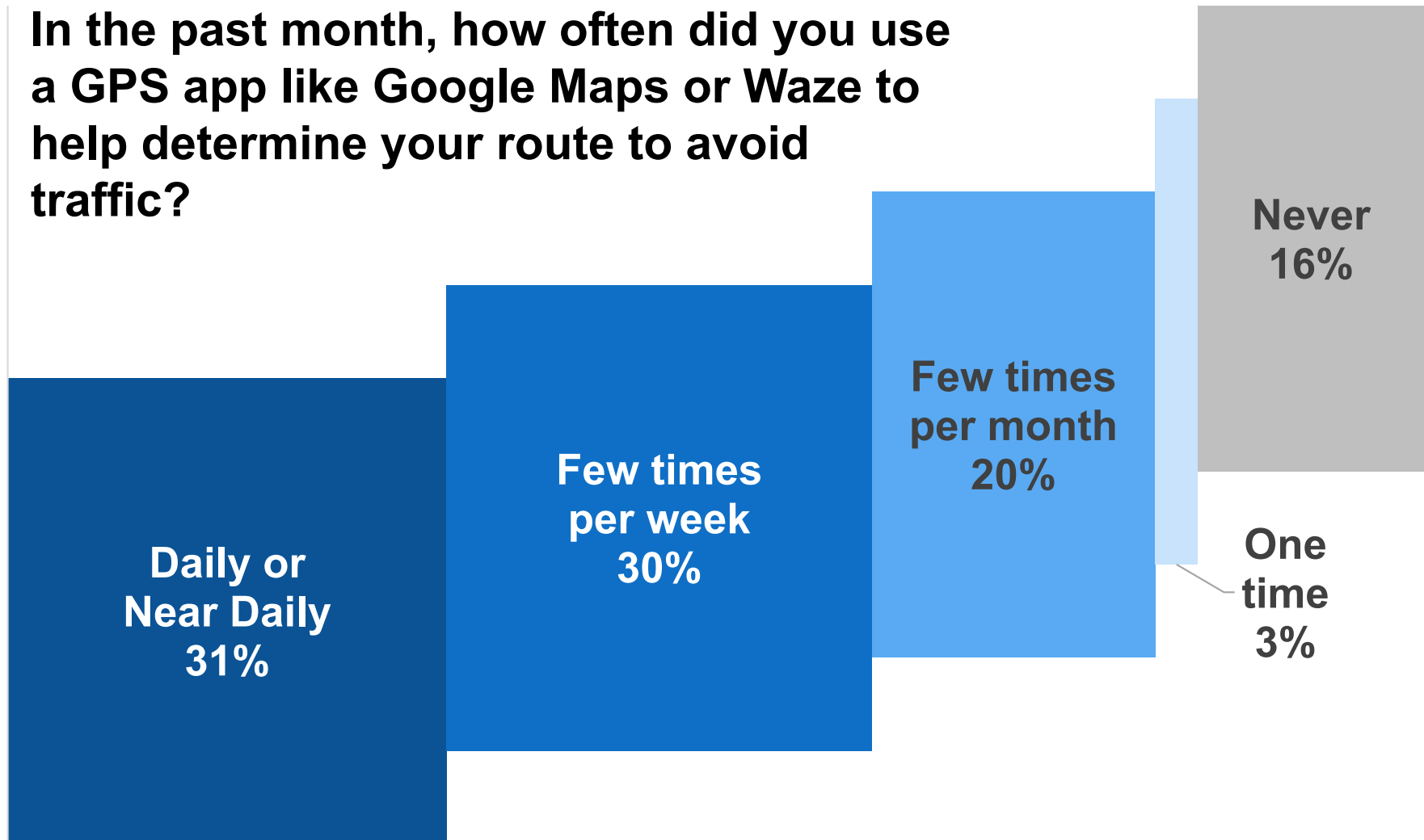


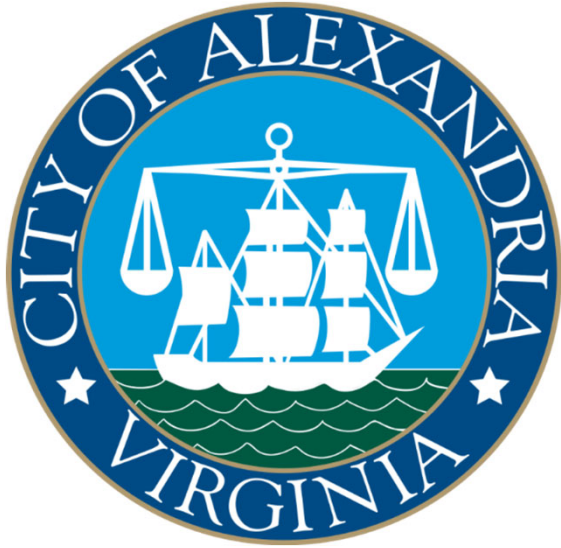
Employer Traveling Benefits



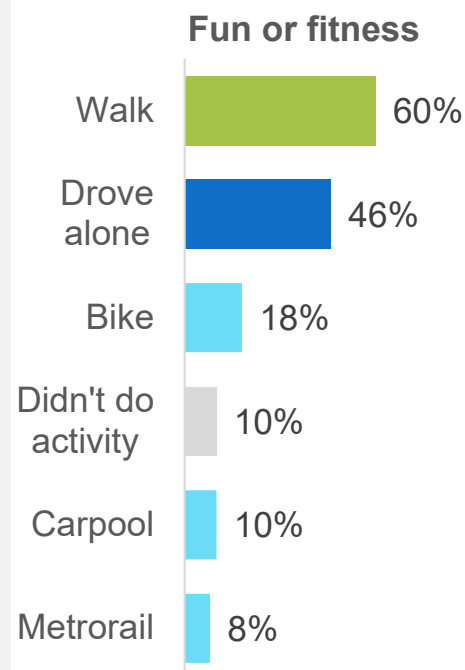
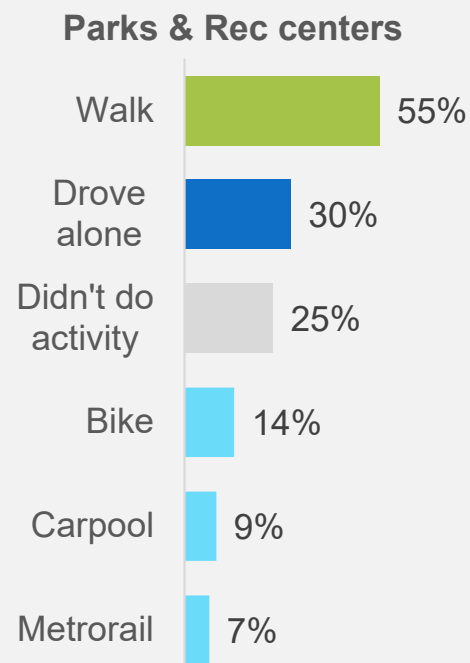
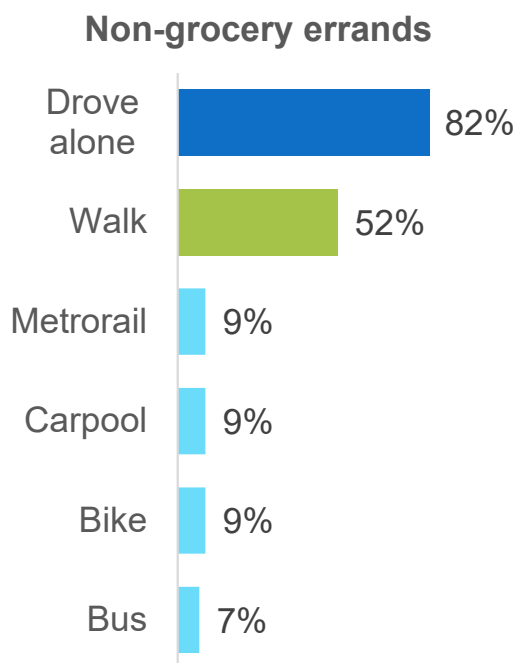
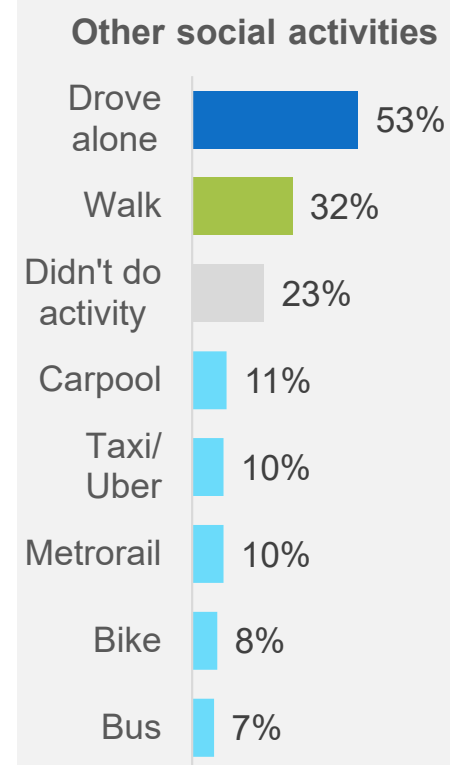
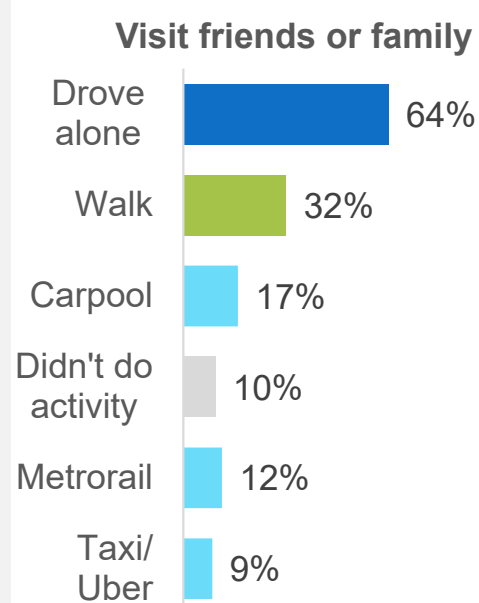
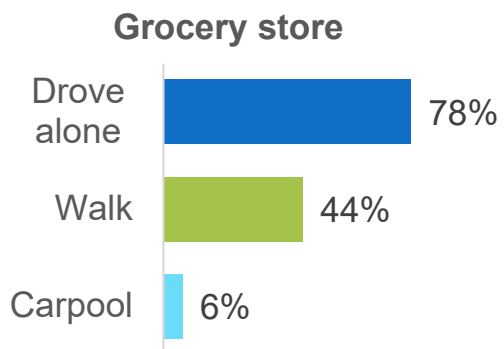
Traveling Tools to Assist Drivers

In the past month, how often did you use a GPS app like Google Maps or Waze to help determine your route to avoid traffic?

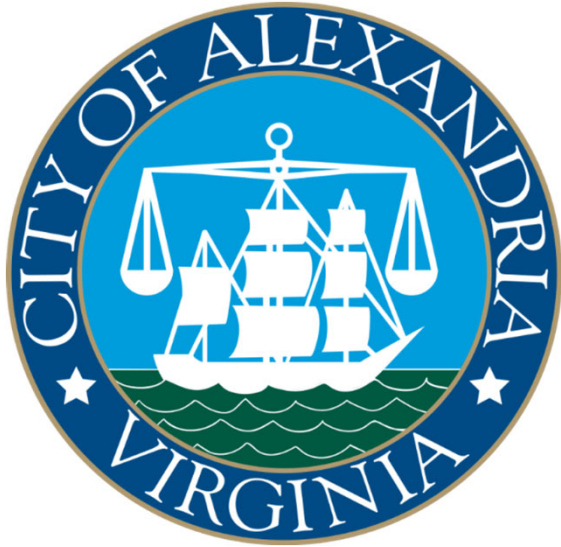




Mode Choices for Non-Commute Trips

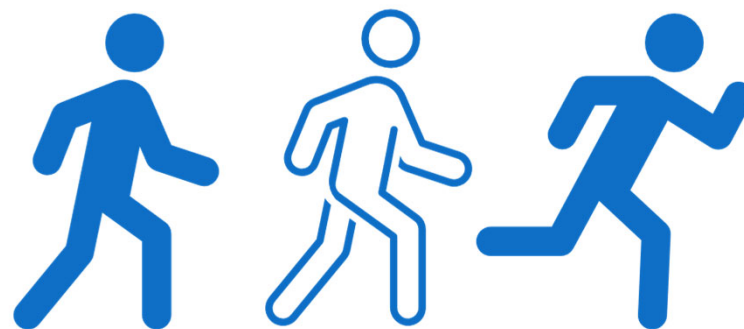


**Non-
commute
modes**



Active Transportation (Walking and Bicycling)

90%



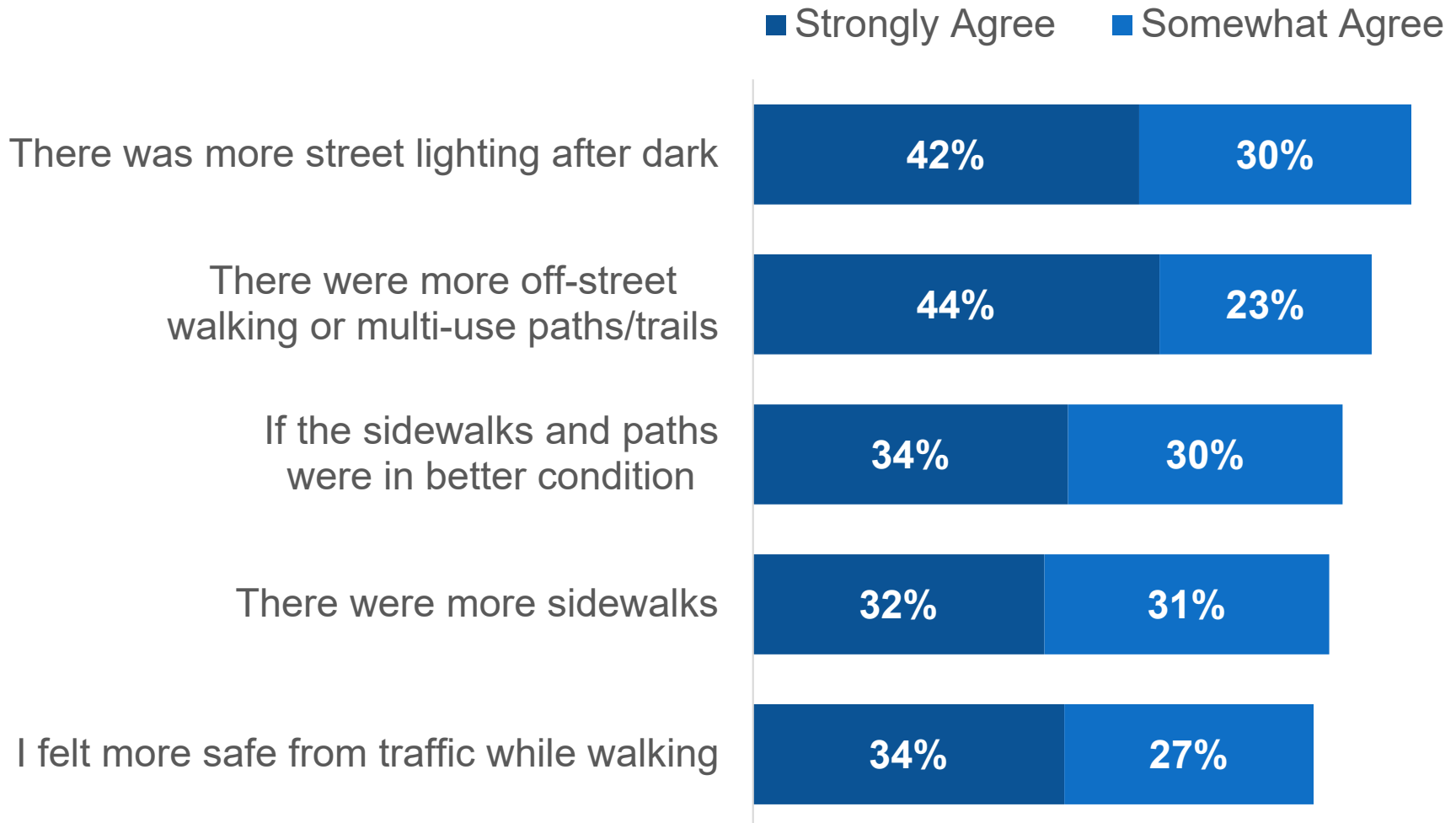
Walk, jog or run for fun or exercise



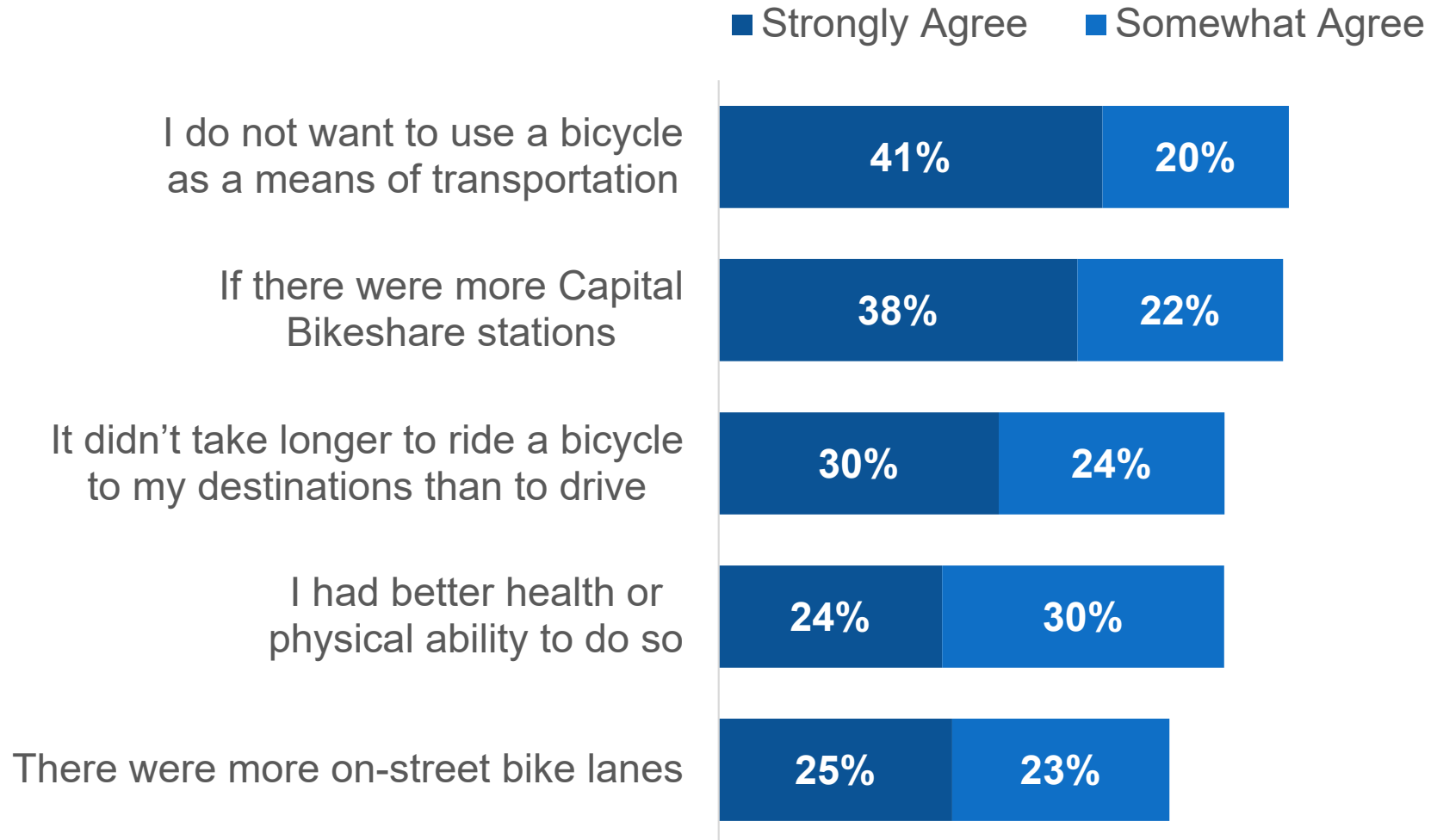
35%

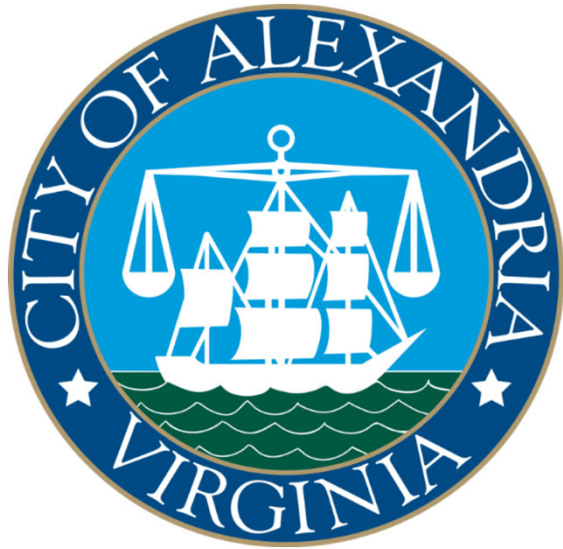
Bike for fun or exercise

Barriers to Walking



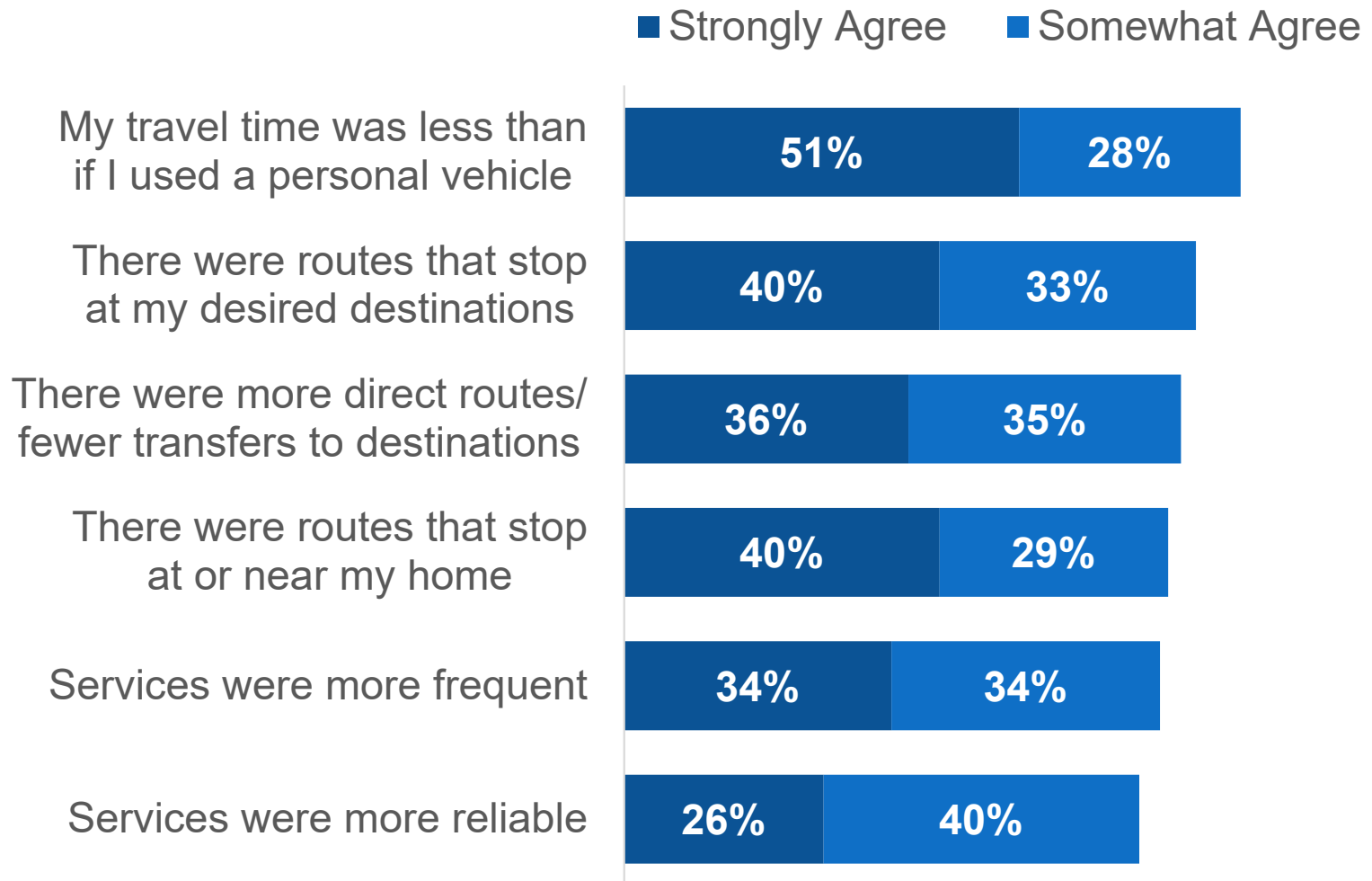
Barriers to Biking

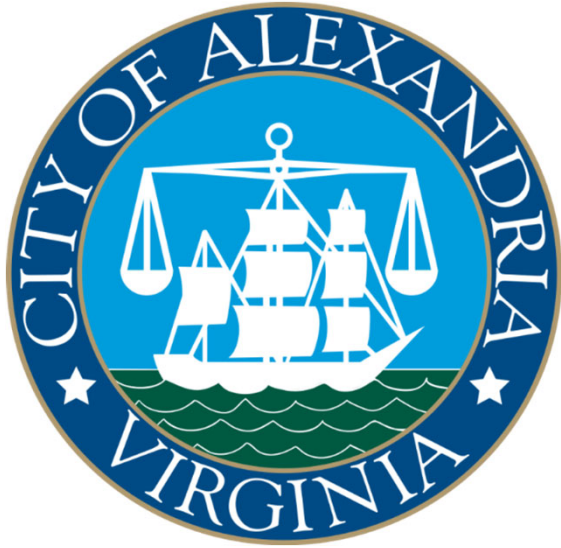




Public Transportation

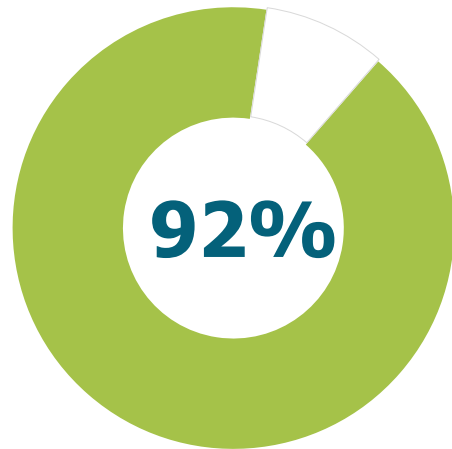
Barriers to Public Transportation (bus or metro)



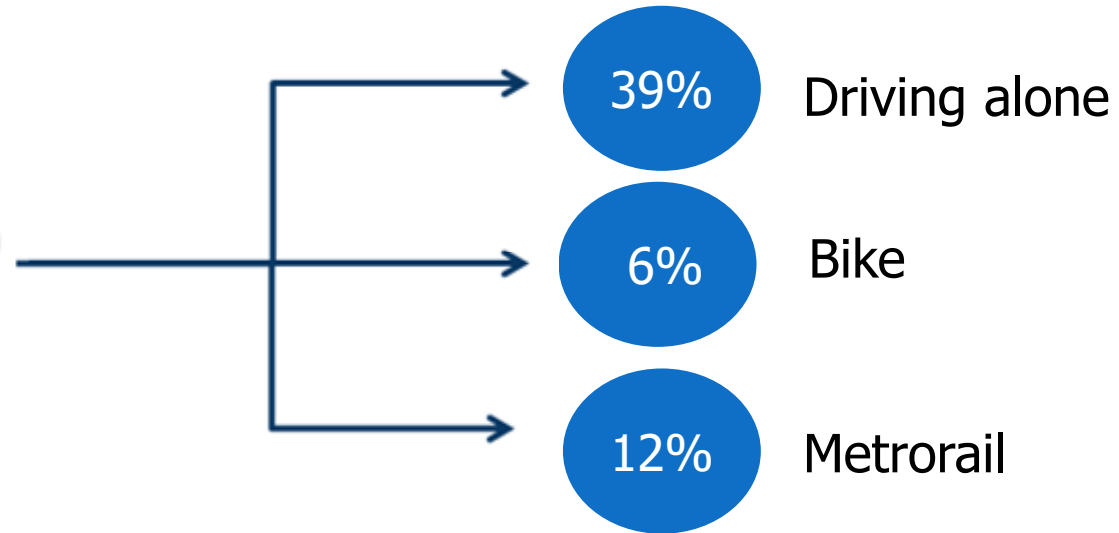


Factors Influencing Mode Choices

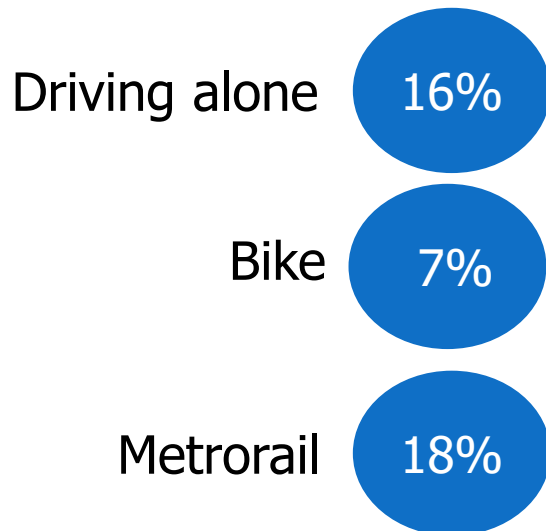
Households **with** a passenger vehicle



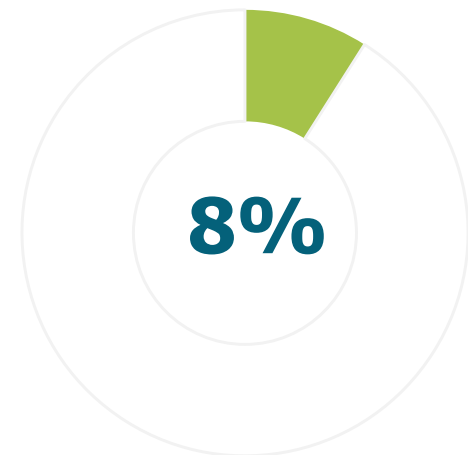
Commuting Modes



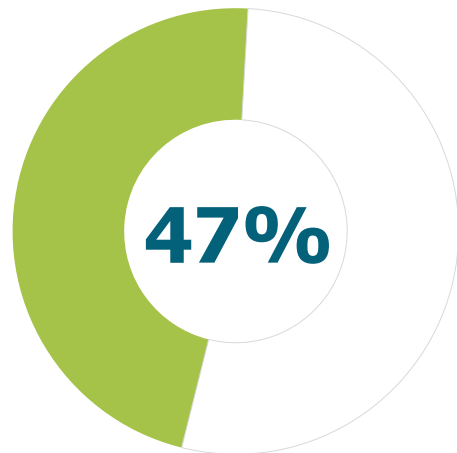
Commuting Modes



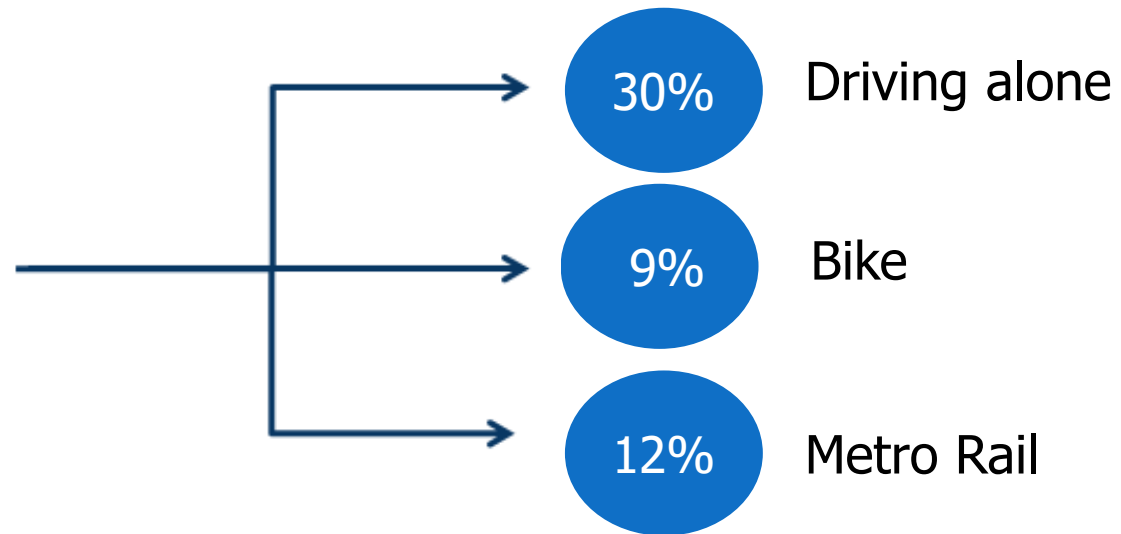
Households **without** a passenger vehicle



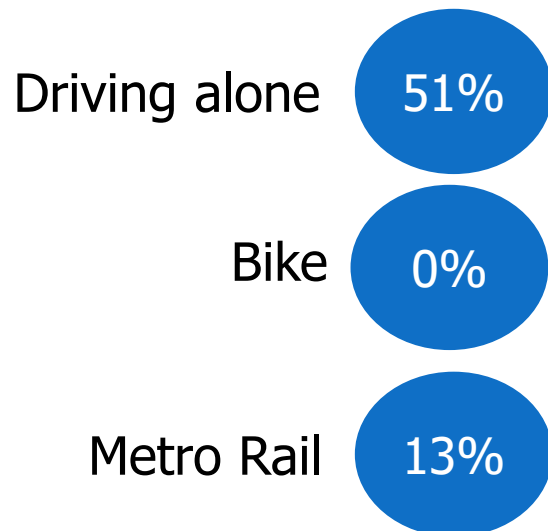
Households **with** a useable bicycle



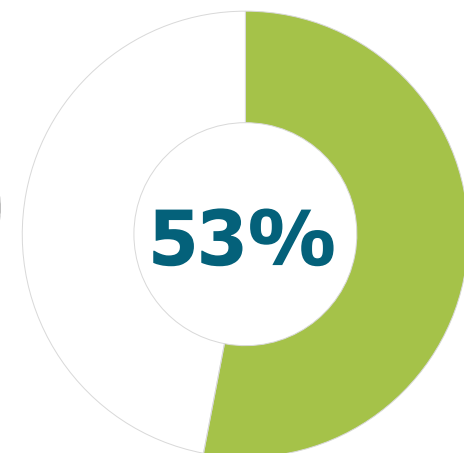
Commuting Modes

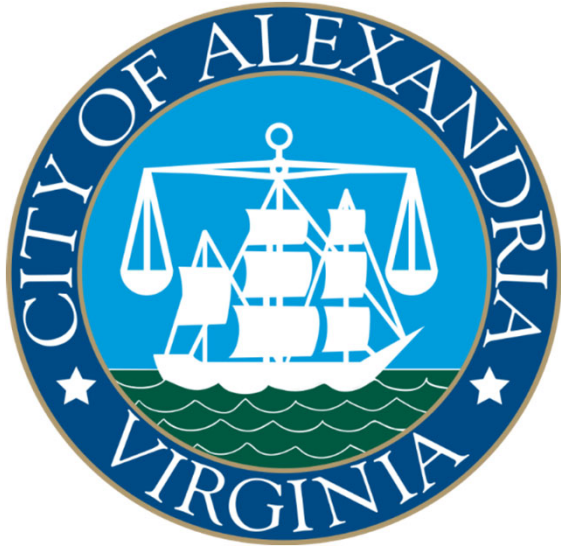


Commuting Modes



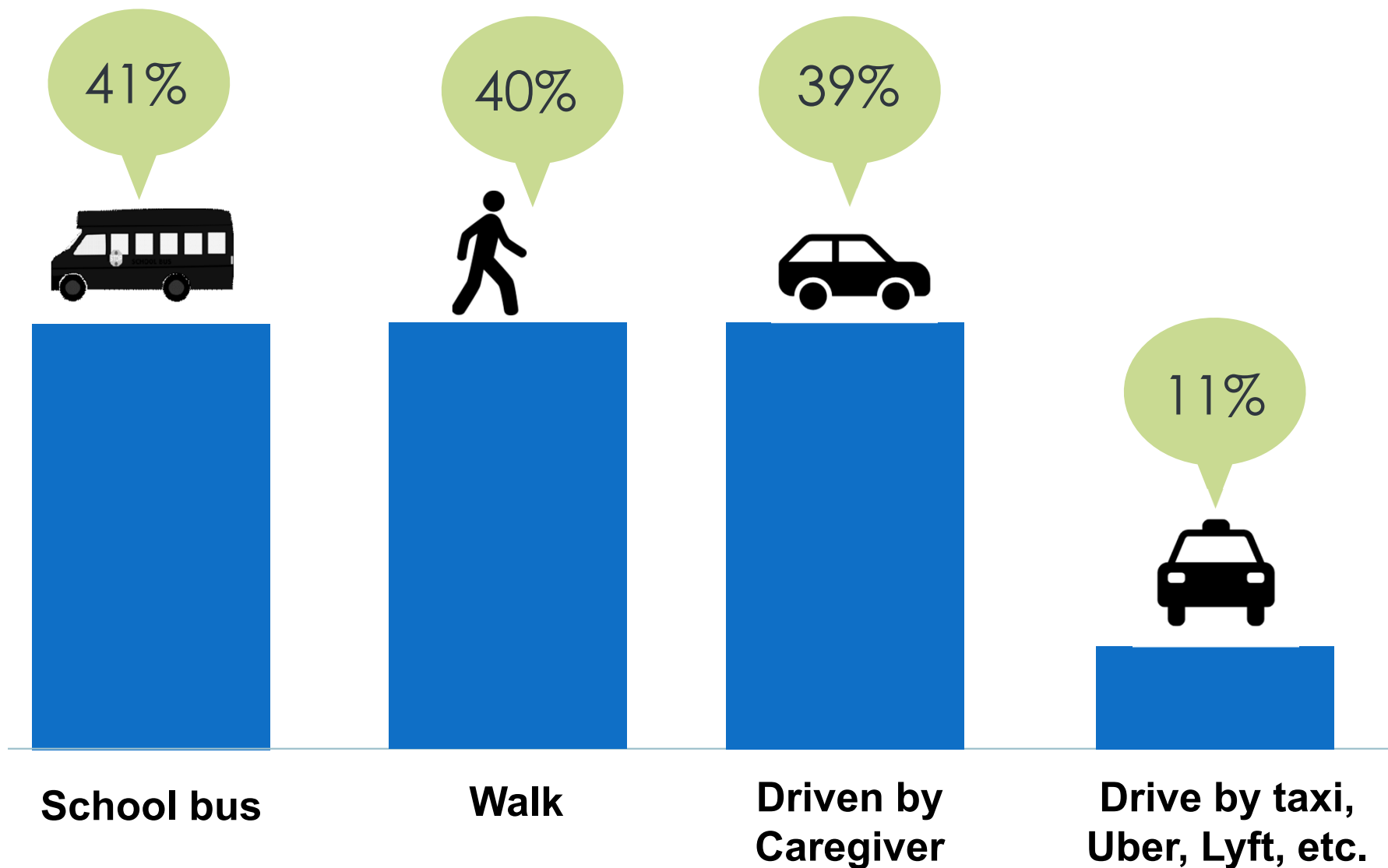
Households **without** a useable bicycle





Transportation of School-Aged Children

Transportation to School



Slide 22

HO4

assume bus includes DASH or MetroBus?

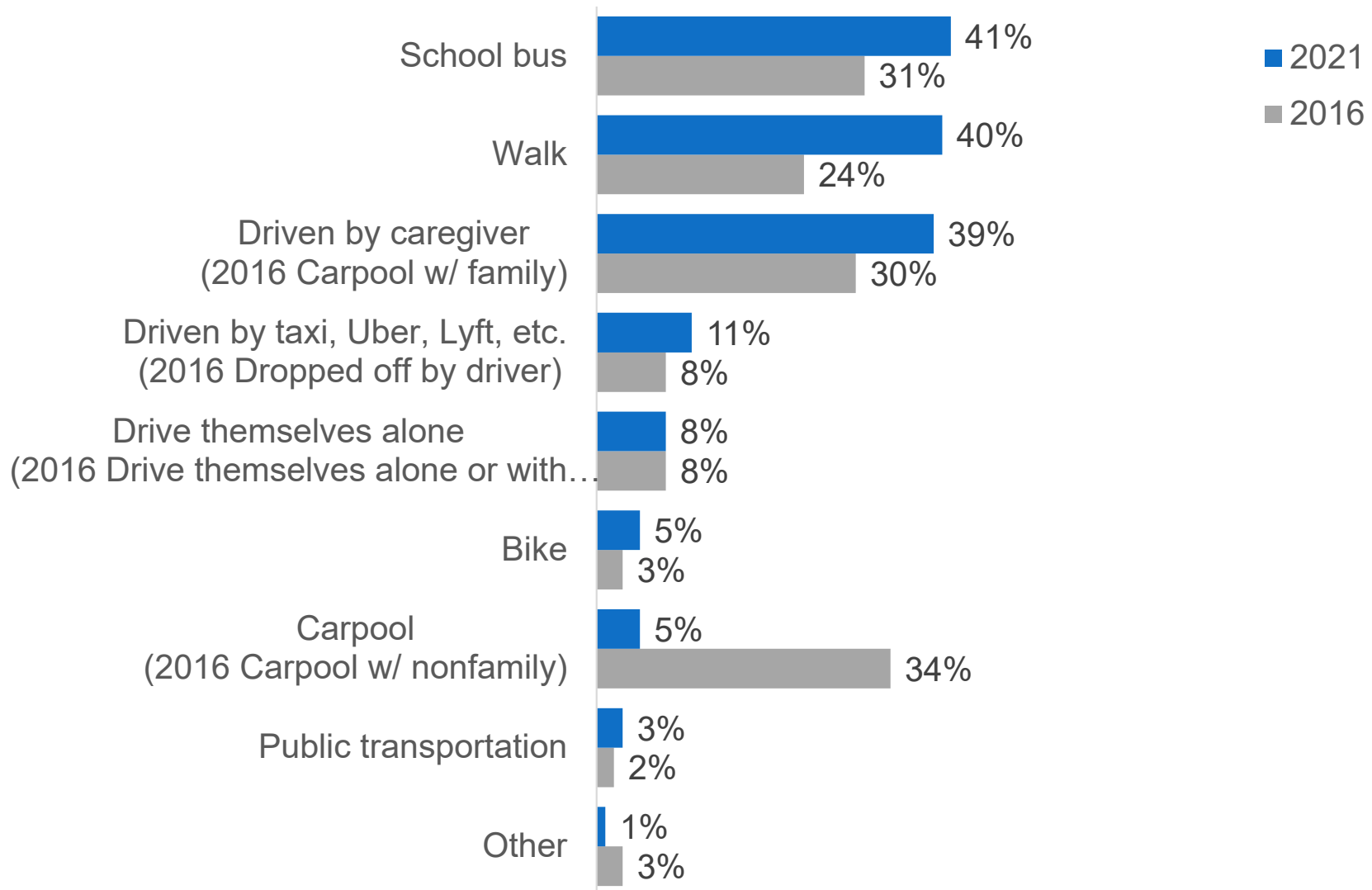
Hillary Orr, 1/31/2022

HO5

taxi figures are surprising.... can they dive in on that anymore to see what type of income families are using these modes? am i missing something with the etc?

Hillary Orr, 1/31/2022

Modes of Transportation for Children Traveling to/from School



Barriers to Not Driving for School Commute

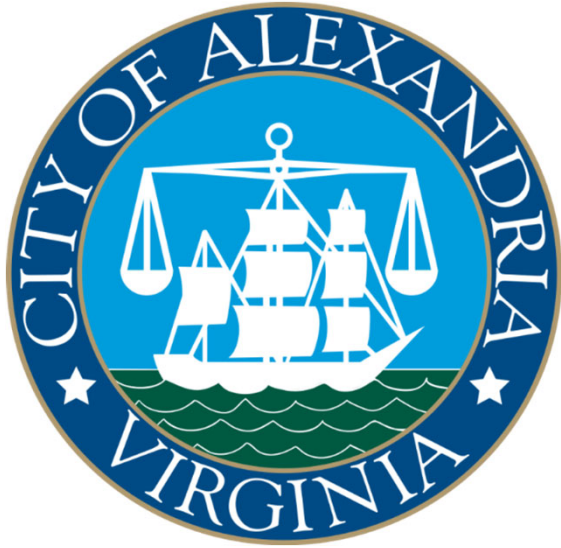
**Distance to
school
65%**

**Takes
too long
35%**

**Not
safe
29%**

**Incon-
venient
28%**





Questions?

Thank You!