



2018-2019 Maryland Travel Survey (MTS) Results – Zero-Car Households in the Baltimore Region

Technical Committee

August 9, 2022



Presentation Outline



- **Baltimore Region Analysis**

- **Demographic Analysis**

- Zero-Car Households by Age Cohort (Age of Householder)
 - Zero-Car Households by HH Income
 - Zero-Car Households by Race/Ethnicity

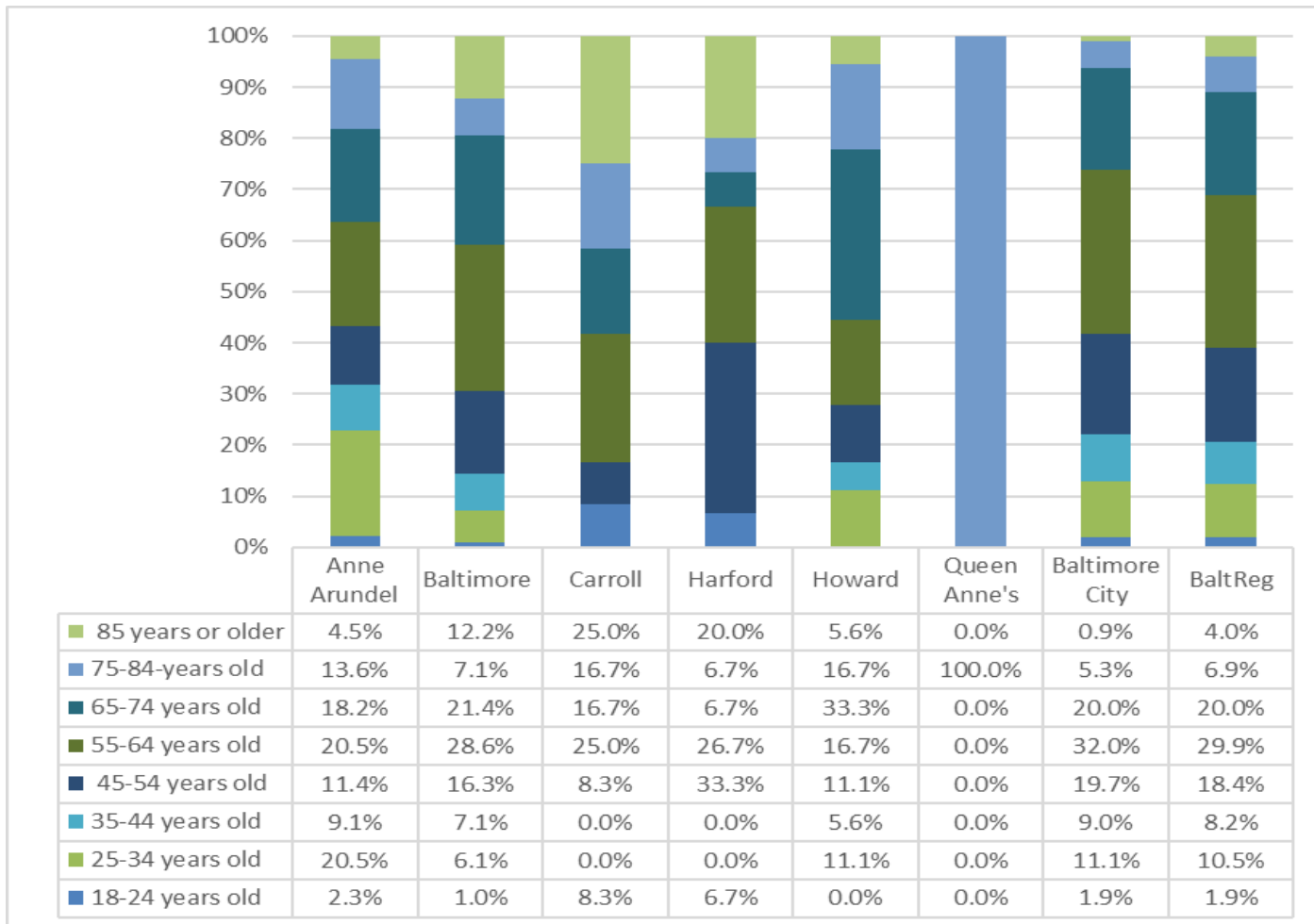
- **Analysis of Daily Travel**

- Other Households vs Zero-Car households (Daily HH Trips)
 - Other Households vs Zero-Car households
Daily HH Trips by Trip Purpose (%)

- **Map: Number of Zero-Car Households**

- By Census Tract

Zero-Car Households by Age Cohort (Age of Householder)



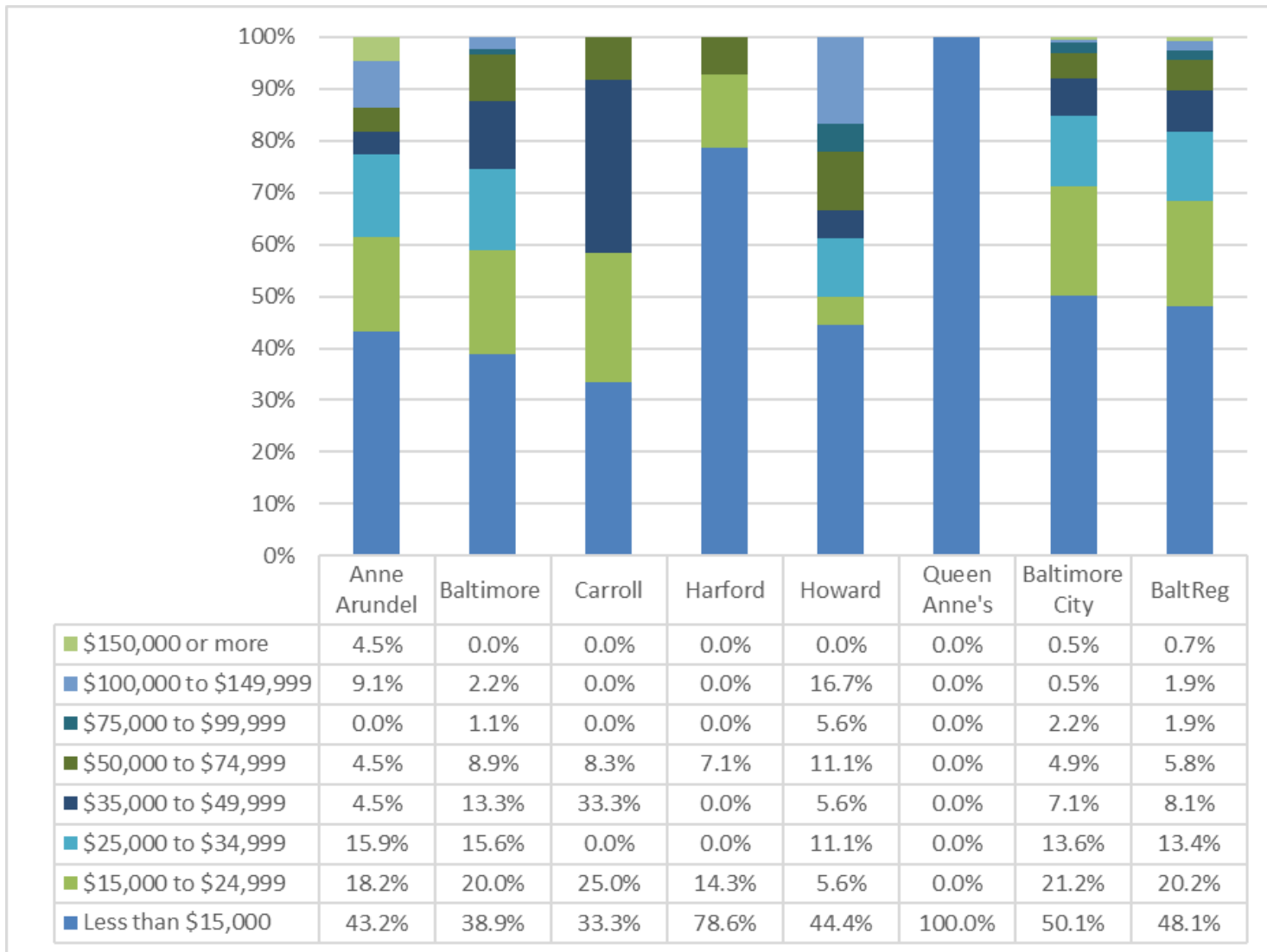
Summary of Zero-Car Households by Age Cohort (Age of Householder) Part 1

- The largest share of zero-car households are headed by a householder age 55-64 years years old (29.9%).
- Seniors 65-74 years old (20.0%), and middle-age adults 45-54 years old (18.4%) represent smaller shares.
- Younger adults 25-34 years old (10.5%) and 35-44 years old (8.2%) likewise represent smaller shares.

Summary of Zero-Car Households by Age Cohort (Age of Householder) Part 2

- Older seniors 75-84 years old (6.9%) and 85 years or older (4.0%) represent still smaller shares
- The smallest share of zero-car households are headed by a young householder 18-24 years old (1.9%).
- **The share of zero-car households, in rank order, by Age of Householder, is:**
 - o 55-64 years old (29.9%)
 - o 65-74 years old (20.0%)
 - o 45-54 years old (18.4%)
 - o 25-34 years old (10.5%)
 - o 35-44 years old (8.2%)
 - o 75-84 years old (6.9%)
 - o 85 years or older (4.0%)
 - o 18-24 years old (1.9%)

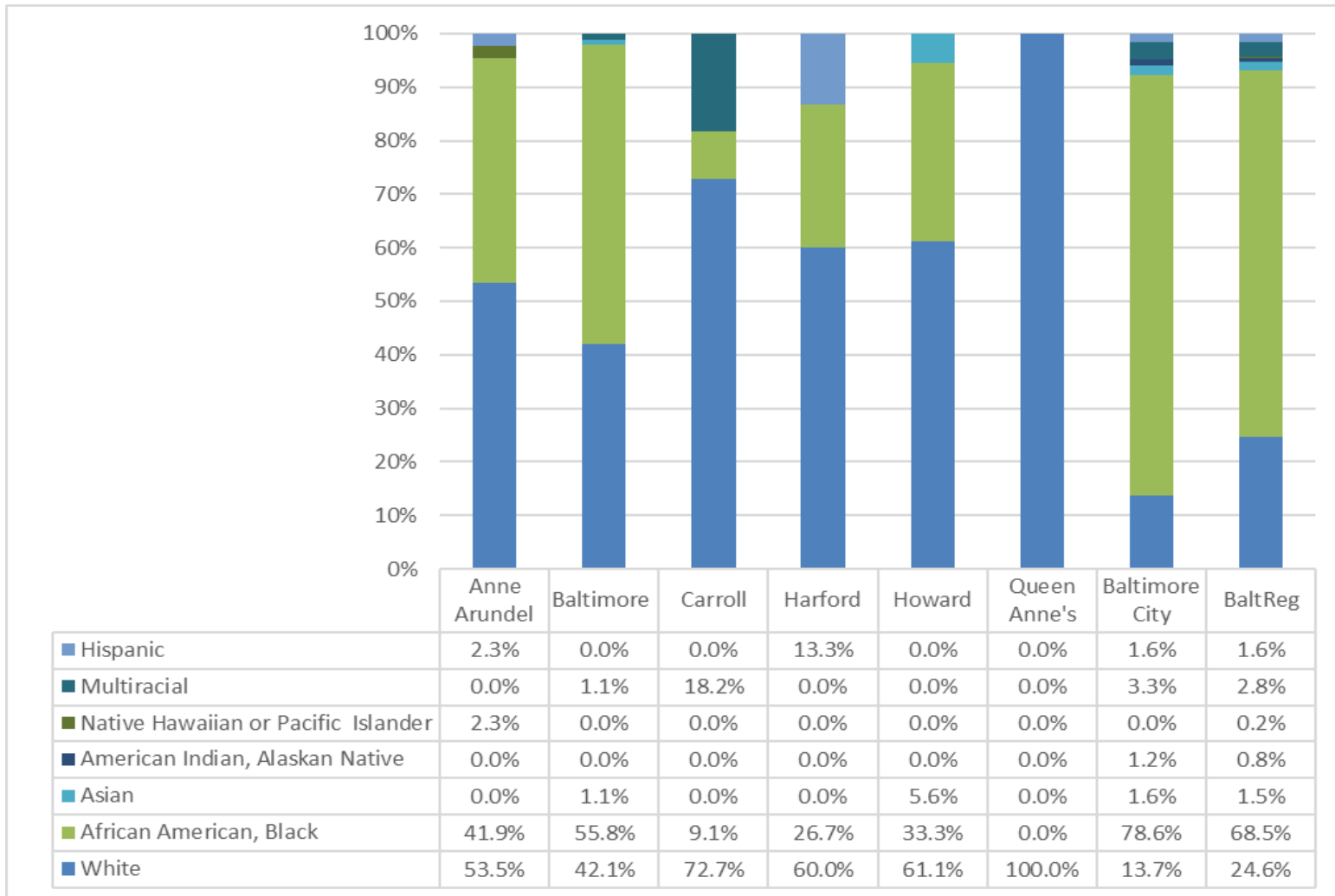
Zero-Car Households by Household Income



Summary of Zero-Car Households by Household Income

- The share of Zero-Car Households closely tracks household income.
- Households with the lowest household incomes, less than \$15,000, represent the largest share of Zero-Car households (48.1%).
- Households with the highest household incomes, \$150,000 or more, represent the smallest share of Zero-Car households (0.7%).
- The share of Zero-Car households, in rank order, by household income, is:
 - Less than \$15,000 (48.1%)
 - \$15,000 to \$24,999 (20.2%)
 - \$25,000 to \$34,999 (13.4%)
 - \$35,000 to \$49,999 (8.1%)
 - \$50,000 to \$74,999 (5.8%)
 - \$75,000 to \$99,999 (1.9%)
 - \$100,000 to \$149,999 (1.9%)
 - \$150,000 or more (0.7%)

Zero-Car Households by Race/Ethnicity



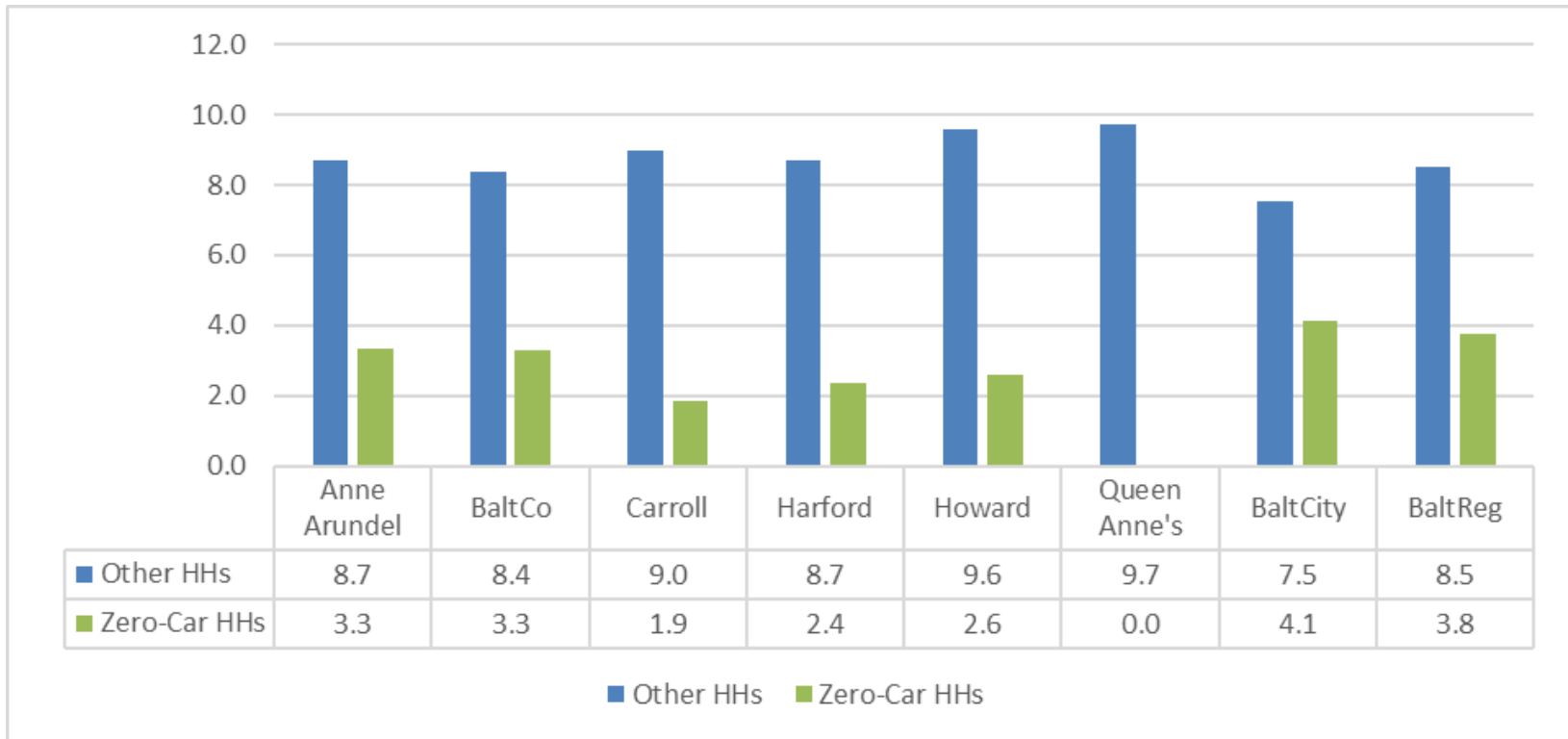
Summary of Zero-Car Households by Race/Ethnicity Part 1

- The share of Zero-Car households varies by Race and Ethnicity
- “African American, Black” households represent the largest share of Zero-Car households (68.5%).
- “White” households represent the second largest share (24.6%)
- “Multiracial” households represent a much smaller share (2.8%)
- “Hispanic” households (1.6%) and “Asian” households (1.5%) represent still smaller shares

Summary of Zero-Car Households by Race/Ethnicity Part 2

- “American Indian, Alaskan Native” households (0.8%) and “Native Hawaiian or Pacific Islander” households (0.2%) represent the smallest shares of Zero-Car households.
- The share of Zero-Car households, in rank order, by Race/Ethnicity, is:
 - o African American, Black (68.5%)
 - o White (24.6%)
 - o Multiracial (2.8%)
 - o Hispanic (1.6%)
 - o Asian (1.5%)
 - o American Indian, Alaskan Native (0.8%)
 - o Native Hawaiian or Pacific Islander (0.2%)

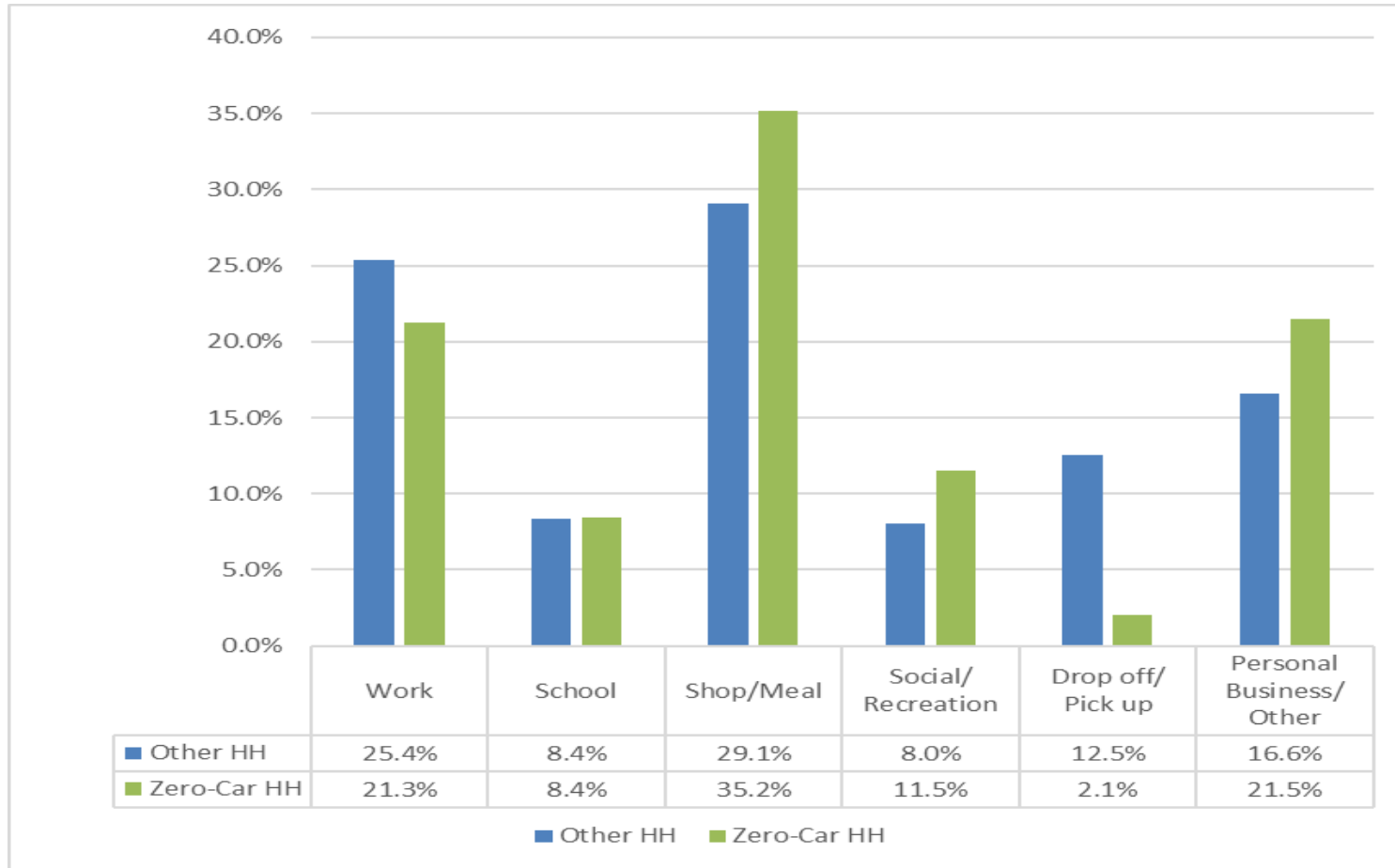
Other Households vs Zero-Car Households (Daily HH Trips)



Summary of Other Households vs Zero-Car Households (Daily HH Trips)

- Other households make significantly more trips than Zero-Car households in all Jurisdictions
- The difference is largest in Queen Anne's County (9.7 HH trips), Carroll County (7.1 HH trips), and Howard County (7.0 HH trips).
- The difference is smaller in Harford County (6.3 HH trips), Anne Arundel County (5.4 HH trips), and Baltimore County (5.1 HH trips)
- The smallest difference is in Baltimore City (3.4 HH trips)
- The difference for the Baltimore region is 4.7 HH trips.
- The Queen Anne's County results are based on one Zero-Car HH that made no trips during the survey, which suggests that there are few Zero-Car households in Queen Anne's County.

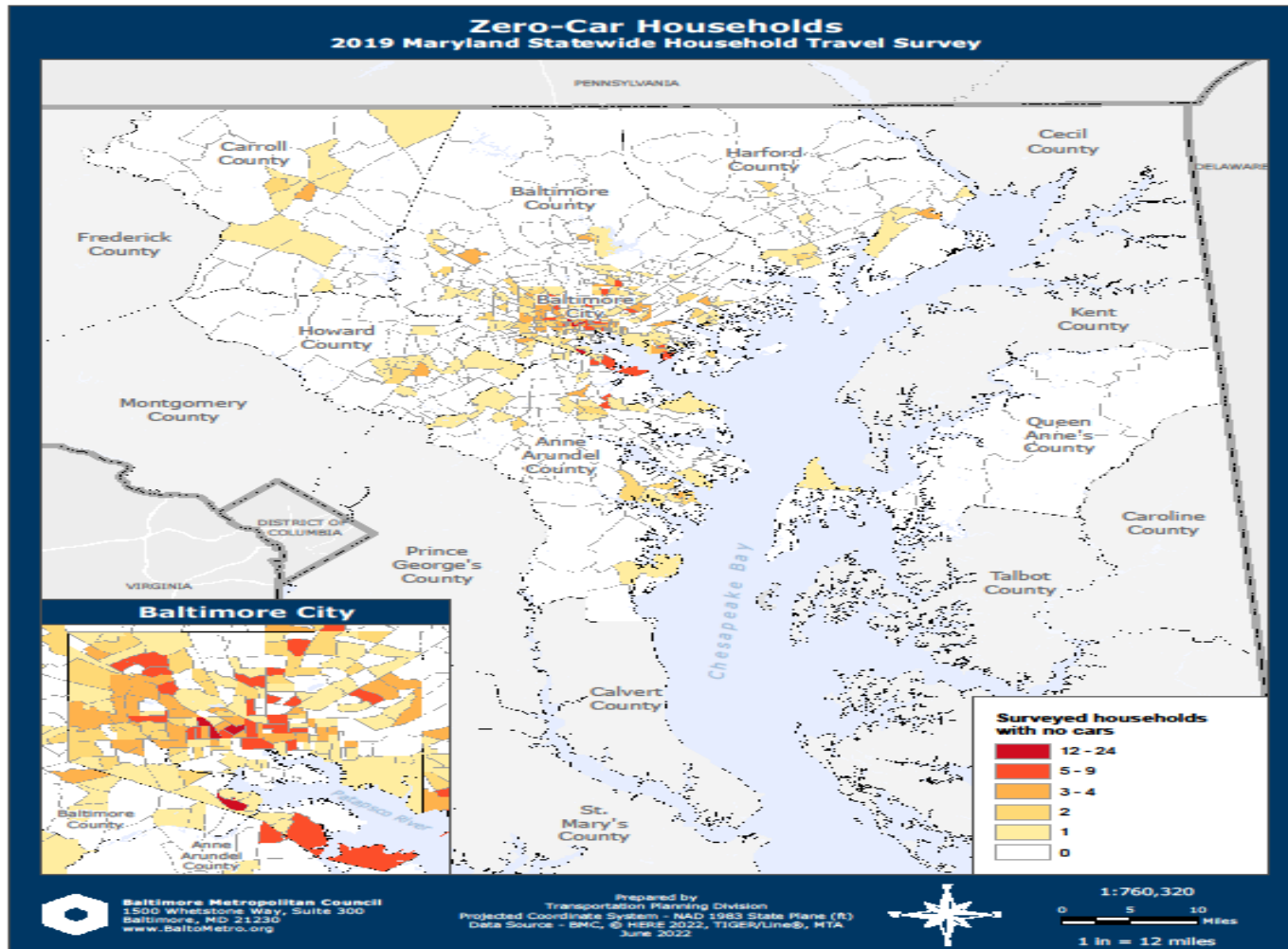
Other Households vs Zero-Car Households Daily HH Trips by Trip Purpose (%)



Summary of Other Households vs Zero-Car Households Daily HH Trips by Trip Purpose Percent (%)

- Work trips represent a significantly lower share of the trips made by Zero-Car households (21.3%) than they do the trips made by Other households (25.4%).
- As a result, Shopping and Meal trips represent a proportionally larger share of trips made by Zero-Car households (35.2% vs 29.1%) as do Social/Recreation trips (11.5% vs 8.0%) and trips for Personal Business/other activities (21.5% vs 16.6%)
- School trips represent the same share of trips for both (8.4%), and trips to Drop off/Pick up others represent a much larger share of trips for Other Households (12.5% vs 2.1%)

Map: Number of Zero-Car Households by Census Tract



For More Information

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