



# 2018-2019 Maryland Travel Survey (MTS) Results – Demand for Public Transit and the Transit Experience

Technical Committee

February 1, 2022

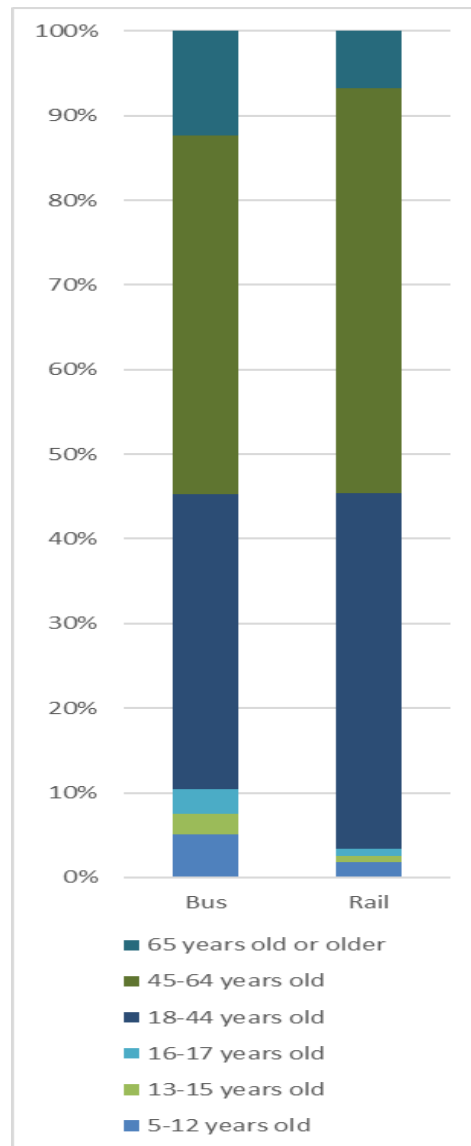


# Presentation Outline



- **Baltimore Region Analysis**
  - Demographic Analysis by Travel Mode (Bus and Rail)
    - Transit Ridership by Age Group
    - Transit Ridership by HH Income
    - Transit Ridership by Race & Ethnicity
  - Transit Ridership: Daily Trips by Trip Purpose (Bus and Rail)

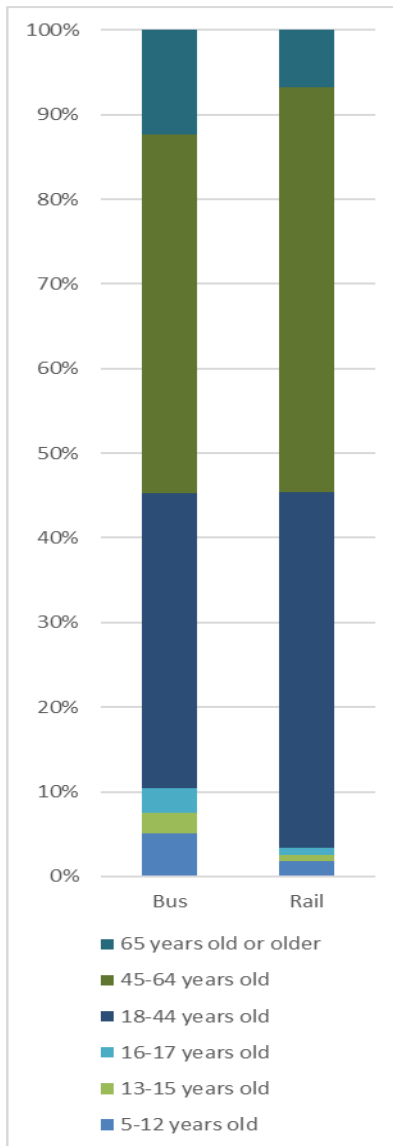
# Transit Ridership by Age Group (Bus)



# Summary of Transit Ridership by Age Group (Bus)

- The largest shares of bus riders are those 45-64 years old (42.4%) and 18-44 years old (34.9%). The next largest share of bus riders are those 65 years old or older (12.4% )
- The share of 5-12 years old riders (5.1% ) exceeds the share of older children 16-17 years old (2.9%) and 13-15 years old (2.4% ), perhaps because they are accompanying their parents.
- The share of bus riders, in rank order, by age group, is:
  - 45-64 years old (42.4%)
  - 18-44 years old (34.9%)
  - 65 years old or older (12.4%)
  - 5-12 years old (5.1%)
  - 16-17 years old (2.9%)
  - 13-15 years old (2.4%)

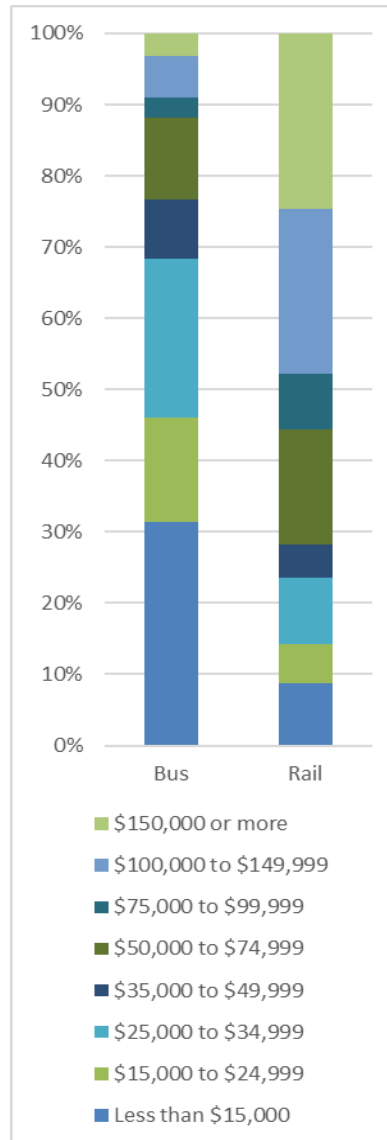
# Transit Ridership by Age Group (Rail)



# Summary of Transit Ridership by Age Group (Rail)

- The largest shares of rail riders are those 45-64 years old (47.9%) and 18-44 years old (42.0%). The next largest share of rail riders are those 65 years old or older (6.8% )
- The share of 5-12 years old riders (1.7% ) exceeds the share of older children 16-17 years old (0.9%) and 13-15 years old (0.8% ), perhaps because they are accompanying their parents.
- The share of rail riders, in rank order, by age group, is:
  - 45-64 years old (47.9%)
  - 18-44 years old (42.0%)
  - 65 years old or older (6.8%)
  - 5-12 years old (1.7%)
  - 16-17 years old (0.9%)
  - 13-15 years old (0.8%)

# Transit Ridership by HH Income (Bus)



# Summary of Transit Ridership by HH Income (Bus, Part 1)

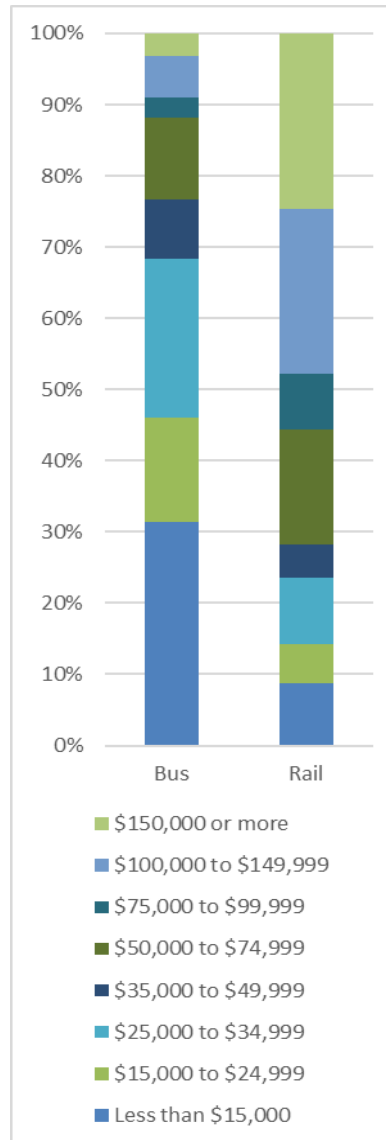
- The largest shares of bus riders are those with hh incomes Less than \$15,000 (31.4%) and from \$25,000 to \$34,999 (22.3%).
- The next largest share are those with the second lowest hh incomes: \$15,000 to \$24,999 (14.7%).



# Summary of Transit Ridership by HH Income (Bus, Part 2)

- The remaining smaller shares of bus riders all have hh incomes greater than \$35,000, up to \$150,000 or more (3.1%)
- The smallest share are those with hh incomes \$75,000 to \$99,999 (2.8%)
- The share of bus riders, in rank order, by hh income, is:
  - Less than \$15,000 (31.4%)
  - \$25,000 to \$34,999 (22.3%)
  - \$15,000 to \$24,999 (14.7%)
  - \$50,000 to \$74,999 (11.5%)
  - \$35,000 to \$49,999 (8.4%)
  - \$100,000 to \$149,999 (5.9%)
  - \$150,000 or more (3.1%)
  - \$75,000 to \$99,999 (2.8%)

# Transit Ridership by HH Income (Rail)



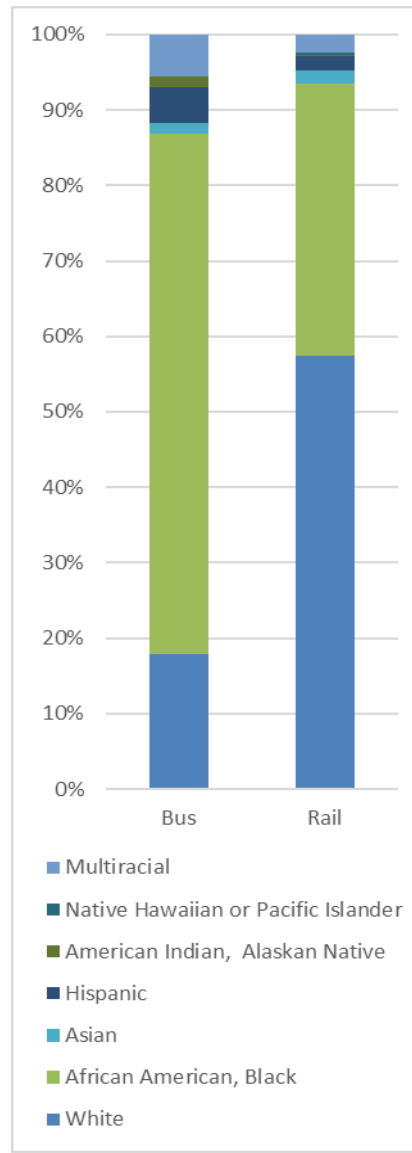
# Summary of Transit Ridership by HH Income (Rail, Part 1)

- Rail riders generally have higher household incomes than bus riders
- The largest share of rail riders are those with the highest hh incomes: \$150,000 or more (24.6%).
- The next largest share of rail riders are those with the second highest hh incomes: \$100,000 to \$149,999 (23.2%).
- The next largest share are those with hh incomes \$50,000 to \$74,999 (16.1%).

# Summary of Transit Ridership by HH Income (Rail, Part 2)

- All but one (1) of the remaining smaller shares of rail riders have hh incomes less than \$35,000; the exception are rail riders with hh incomes \$75,000 to \$99,999 (7.9%)
- The smallest share are those with hh incomes \$15,000 to \$24,999 (5.5%)
- The share of rail riders, in rank order, by hh income, is:
  - \$150,000 or more (24.6%)
  - \$100,000 to \$149,999 (23.2%)
  - \$50,000 to \$74,999 (16.1%)
  - \$25,000 to \$34,999 (9.3%)
  - Less than \$15,000 (8.8%)
  - \$75,000 to \$99,999 (7.9%)
  - \$15,000 to \$24,999 (5.5%)

# Transit Ridership by Race & Ethnicity (Bus)



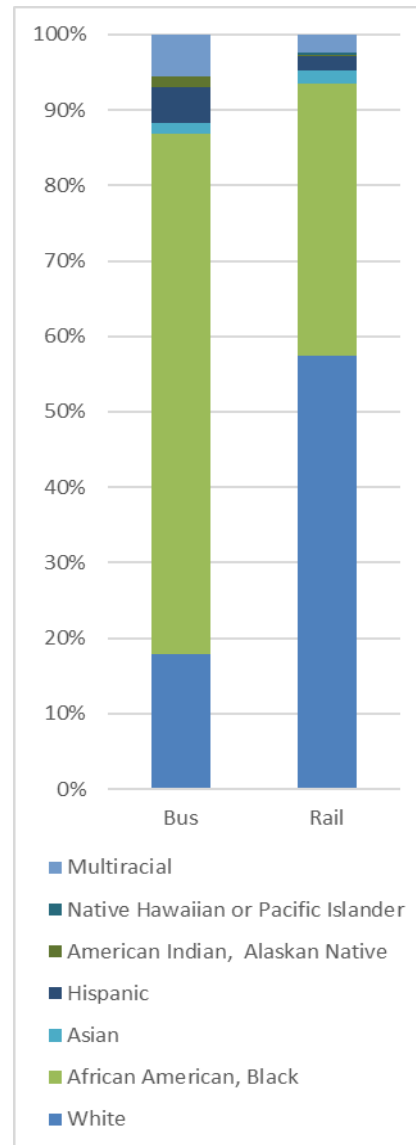
# Summary of Transit Ridership by Race & Ethnicity (Bus, Part 1)

- The largest shares of bus riders are African Americans (69.0%) and Whites (17.9%).
- The next largest shares of bus riders are Multiracial (5.5%) and Hispanics (4.8%).

# Summary of Transit Ridership by Race & Ethnicity (Bus, Part 2)

- The remaining smaller shares of bus riders each represent fewer than two percent (2%) of bus riders and include Asians (1.5%), and American Indians or Alaskan Natives (1.3%).
- The smallest share are Native Hawaiians or Pacific Islanders (0.1%)
- The share of bus riders, in rank order, by race & ethnicity, is:
  - African American, Black (69.0%)
  - White (17.9%)
  - Multiracial (5.5%)
  - Hispanic (4.8%)
  - Asian (1.5%)
  - American Indian, Alaskan Native (1.3%)
  - Native Hawaiian or Pacific Islander (0.1%)

# Transit Ridership by Race & Ethnicity (Rail)





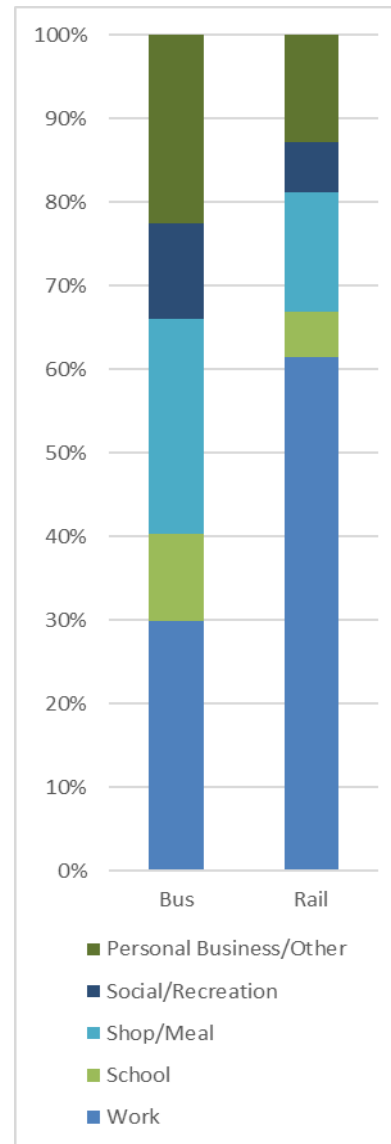
# Summary of Transit Ridership by Race & Ethnicity (Rail, Part 1)

- The largest shares of rail riders are Whites (57.4%) and African Americans (36.2%).
- The next largest shares of rail riders are Multiracial (2.3% ) and Hispanics (1.9%).

# Summary of Transit Ridership by Race & Ethnicity (Rail, Part 2)

- The remaining smaller shares of rail riders each represent fewer than two percent (2%) of rail riders and include Asians (1.7%), and Native Hawaiians or Pacific Islanders (0.4%)
- The smallest share are American Indians or Alaskan Natives is (0.2%)
- The share of rail riders, in rank order, by race & ethnicity, is:
  - White (57.4%)
  - African American, Black (36.2%)
  - Multiracial (2.3%)
  - Hispanic (1.9%)
  - Asian (1.7%)
  - Native Hawaiian or Pacific Islander (0.4%)
  - American Indian, Alaskan Native (0.2%)

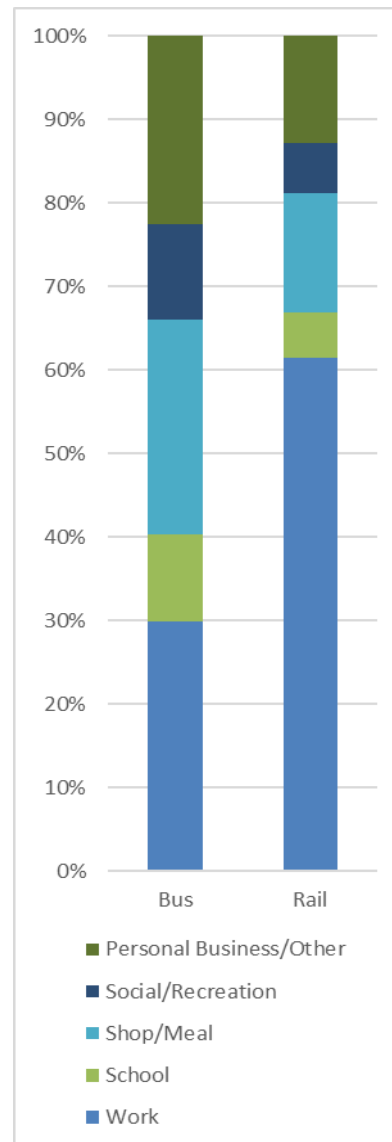
# Transit Ridership: Daily Trips by Trip Purpose (Bus)



# Summary of Transit Ridership: Daily Trips by Trip Purpose (Bus)

- The largest share of bus trips are trips to Work (29.8%).
- The second largest share of bus trips are for Shopping and Meals (25.7%). The third largest share of bus trips are for Personal Business and Other tasks (22.5%).
- A smaller share of bus trips are for Social/Recreation (11.5%) and School (10.5%)
- The share of bus riders, in rank order, by trip purpose, is:
  - Work (29.8%)
  - Shop/M meal (25.7%)
  - Personal Business/Other (22.5%)
  - Social/Recreation (11.5%)
  - School (10.5%)

# Transit Ridership: Daily Trips by Trip Purpose (Rail)



# Summary of Transit Ridership: Daily Trips by Trip Purpose (Rail, Part 1)

- The largest share of rail trips are also trips to work, but the share is significantly higher than the share for bus trips (61.4% vs 29.8% ).
- The second largest share of rail trips are for Shopping and Meals, but the share is significantly lower than the share for bus trips (14.4% vs 25.7%).
- The third largest share of rail trips are for Personal Business and Other tasks but, once again, the share is significantly lower than the share for bus trips (12.9% vs 22.5%).
- Likewise, the share of rail trips for Socializing and Recreation is significantly lower than the share for bus trips (5.9% vs 11.5%).
- Finally, the same pattern holds for trips to school, where the share of rail trips is significantly lower than the share for bus trips (5.4% vs 10.5%).

# Summary of Transit Ridership:

## Daily Trips by Trip Purpose (Rail, Part 2)

- The share of rail riders, in rank order, by trip purpose, is:
  - Work (61.4%)
  - Shop/Meal (14.4%)
  - Personal Business/Other (12.9%)
  - Social/Recreation (5.9%)
  - School (5.4%)

# For More Information

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