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

Technical Committee
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Presentation Outline

• Baltimore Region Analysis
  – Demographic Analysis by Travel Mode (Bus and Rail)
    o Transit Ridership by Age Group
    o Transit Ridership by HH Income
    o 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%).
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/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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