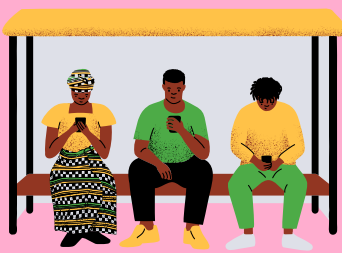


Charlottesville Ridership and Stops Analysis

This research investigates the difference in bus ridership between UVA-affiliated and non-UVA-affiliated buses in Charlottesville using data from the City of Charlottesville Open Data portal. Two key questions are addressed: **What is the busiest hour for each group**, and **what are the busiest areas?**

Data Type

Stops



The data records the stops buses make.

Location & Date & Time



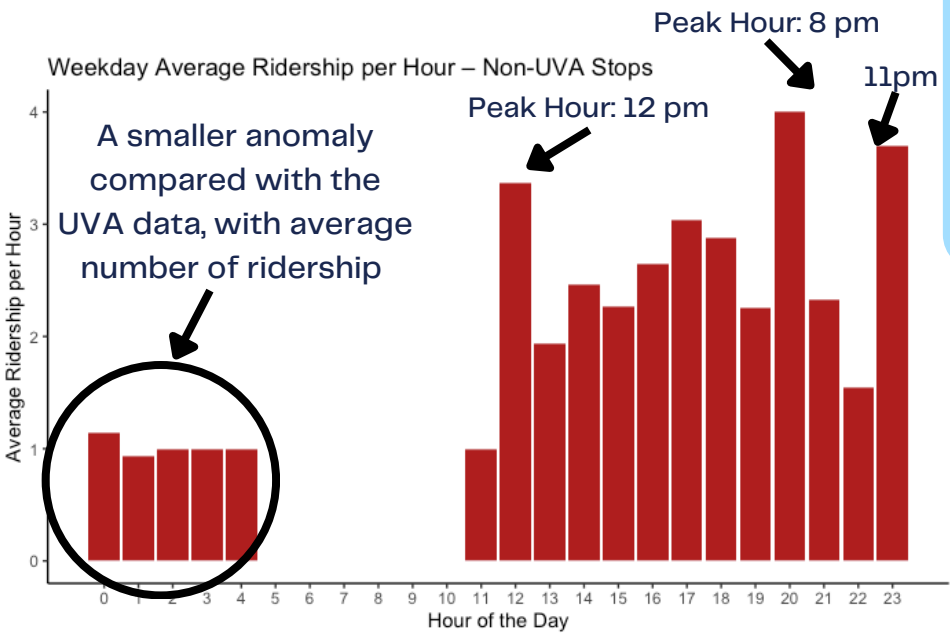
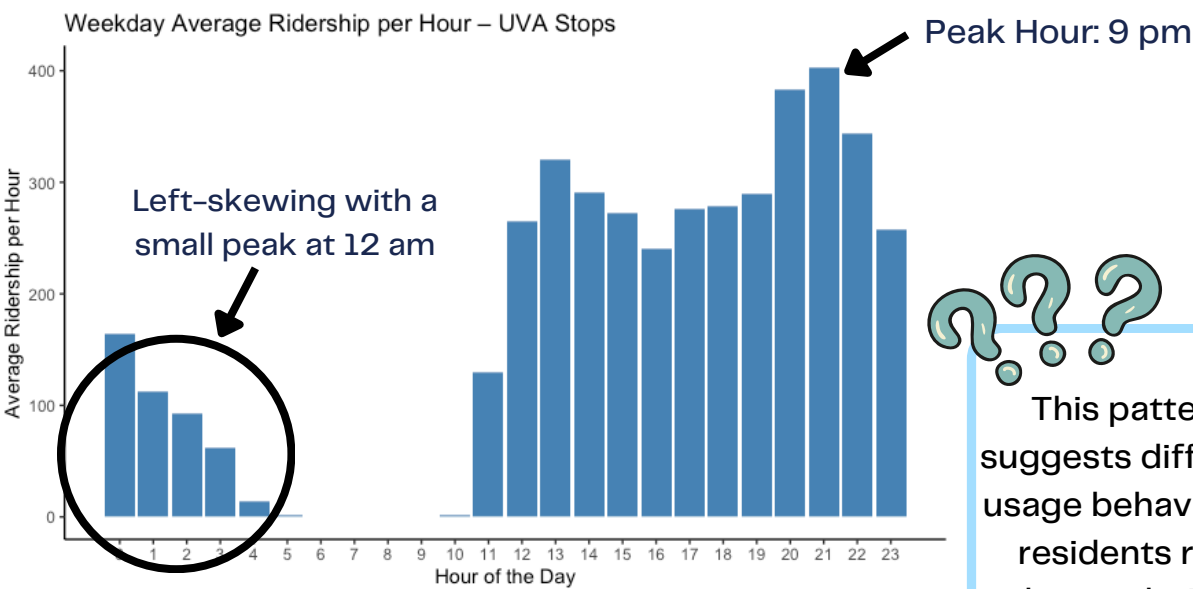
The data provides the locations, dates and time of the stops

Bus Affiliation

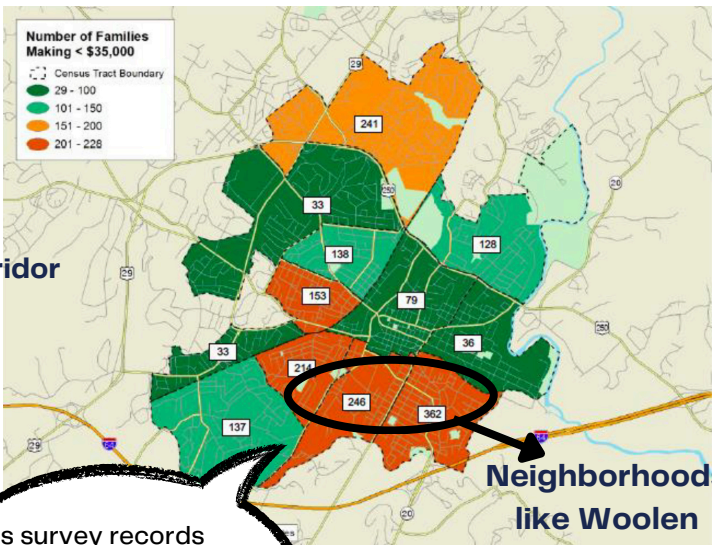
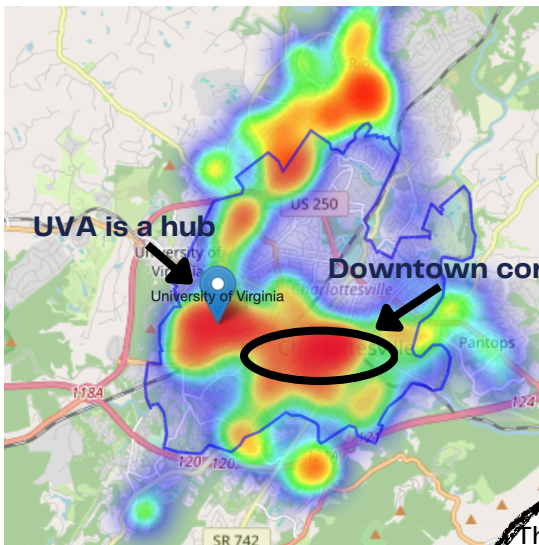


The data marks each bus's type as UVA and non-UVA bus.

Q1: What's the busiest hour?



Q2: What's the busiest area?



UVA and the downtown corridor are major transit hubs, while low-income communities are underserved.

- There is a disparity in coverage, suggesting that equity in transit access remains an issue.

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