

# **The Role of Transportation Networking Companies in Mega-Region Mobility**

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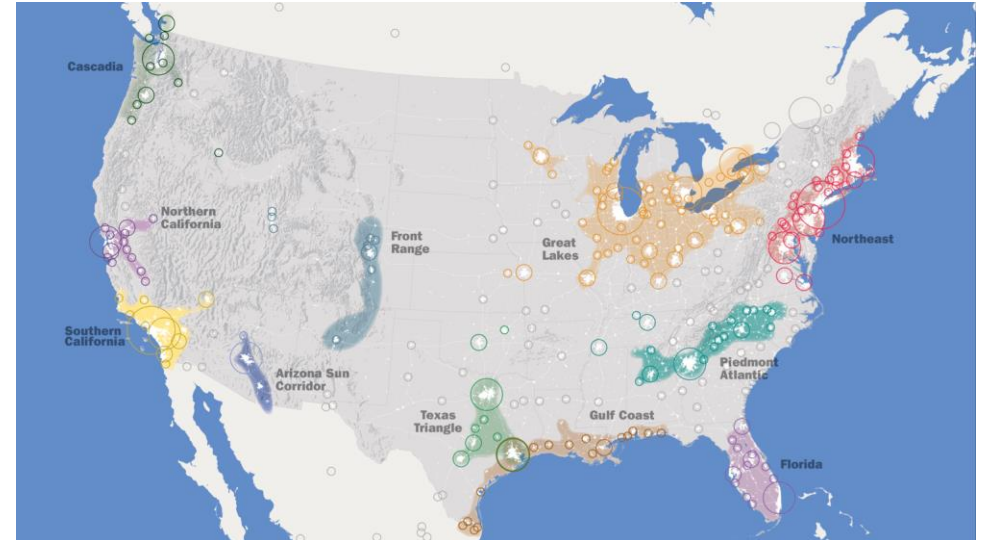
# Background

- **Transportation Network Companies (TNCs)** are on-demand, app based services that connect private drivers with passengers
- Examples include Uber, Lyft, Didi



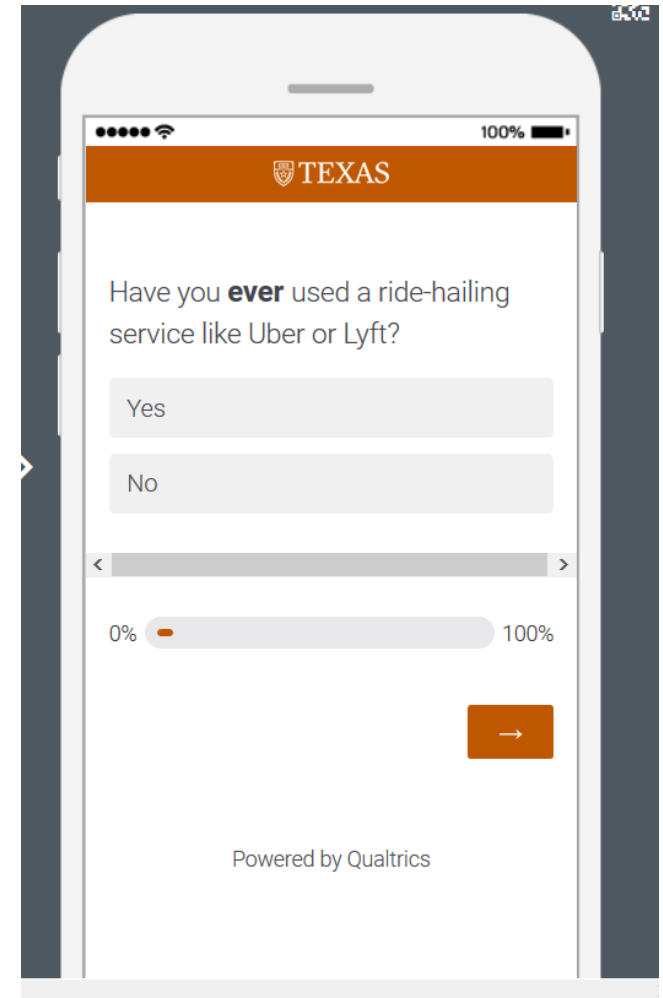
# Research Questions

- How are TNCs being used in the Texas Triangle?
- Why are people choosing TNCs over other transportation options?
- Are TNCs enhancing mobility for Texas citizens?

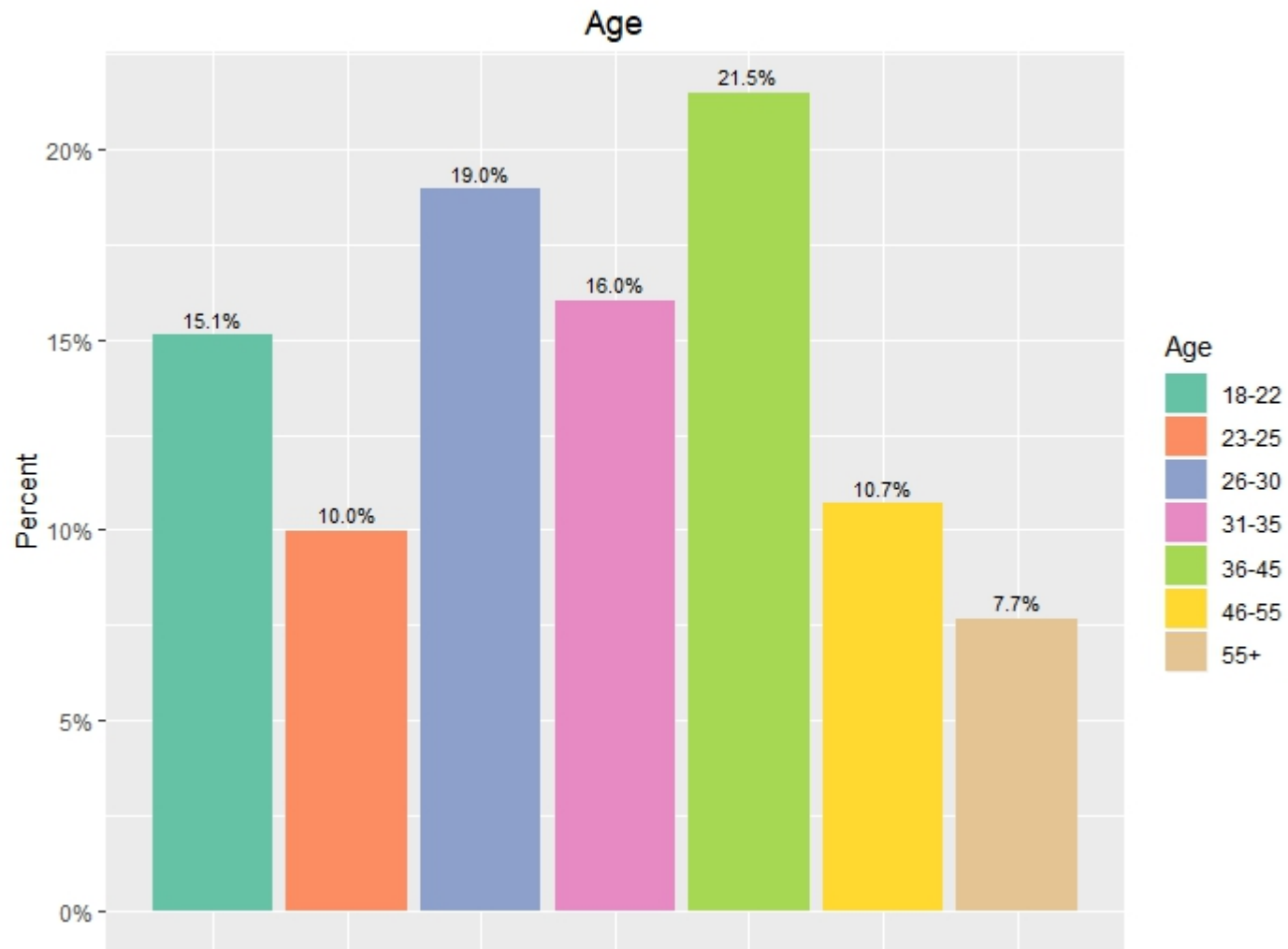


# Survey

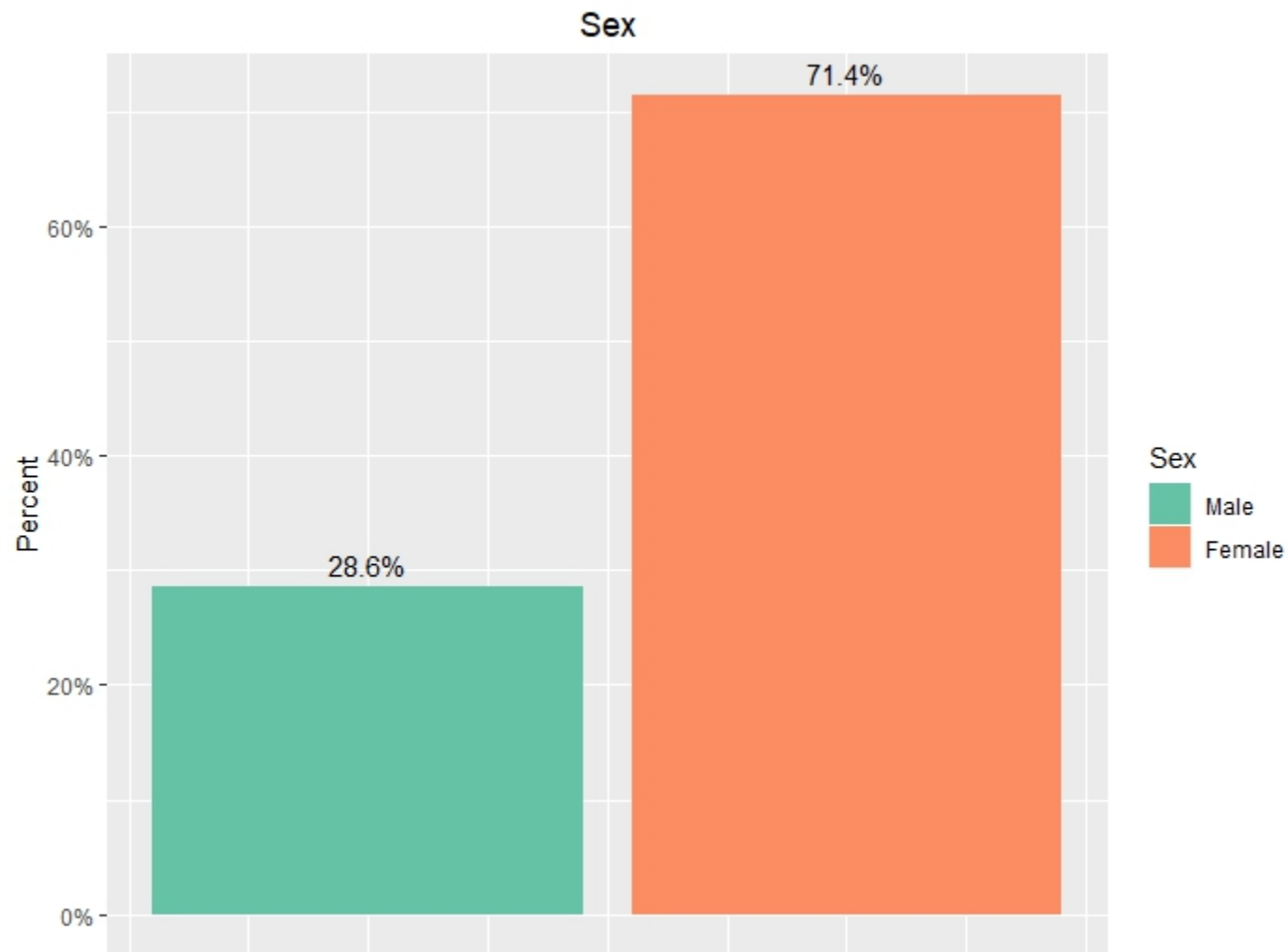
- Administered a panel survey using QuestionPro platform
- Obtained 1000 complete responses (250 from each Metro area)
- 991 Valid Responses
- Also conducted supplemental snowball survey



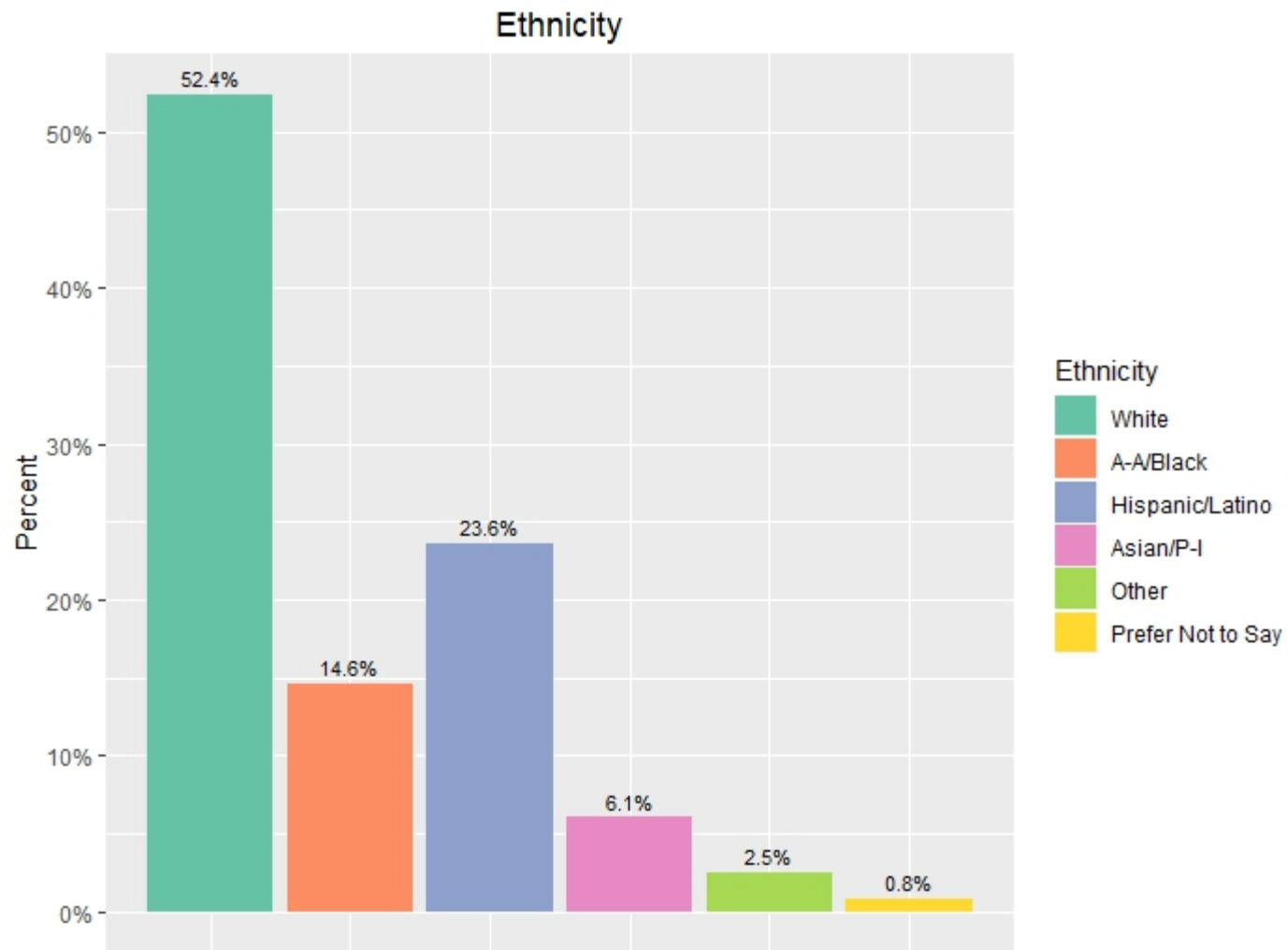
# Age



# Sex

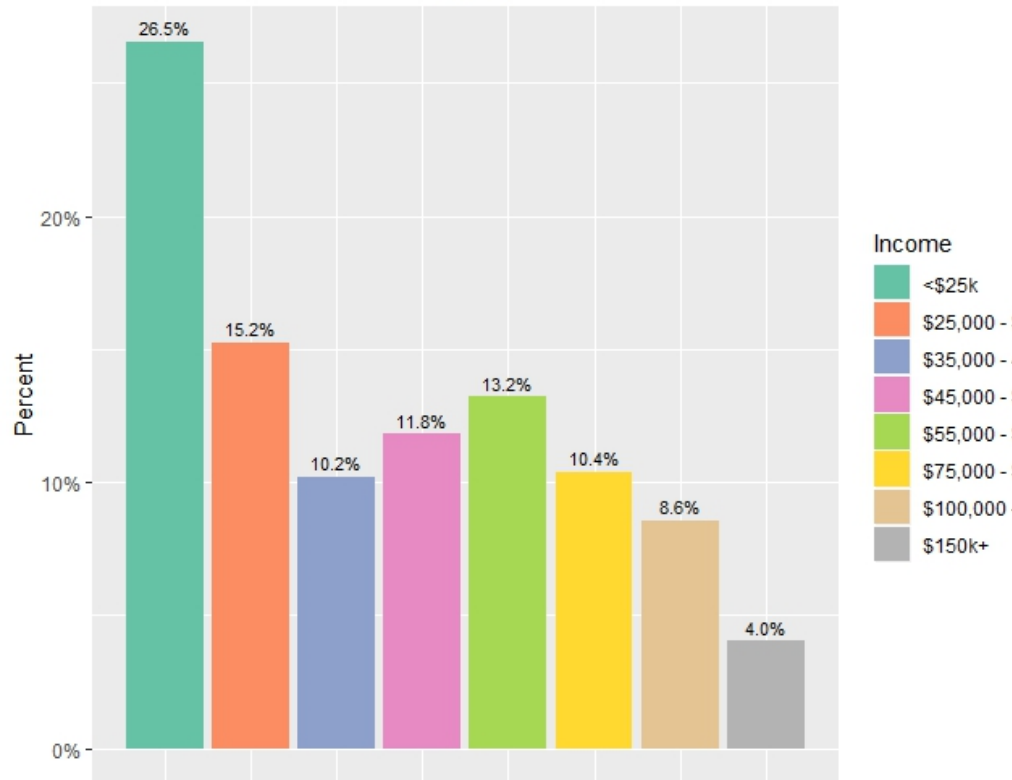


# Ethnicity

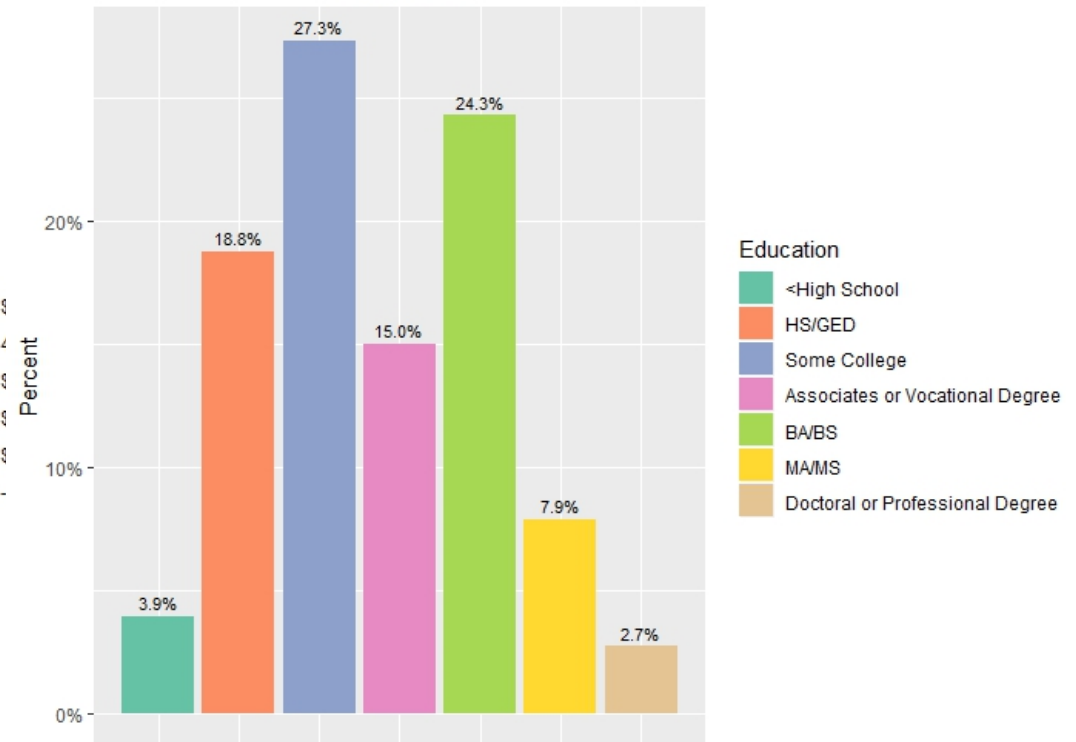


# Income and Education

Income

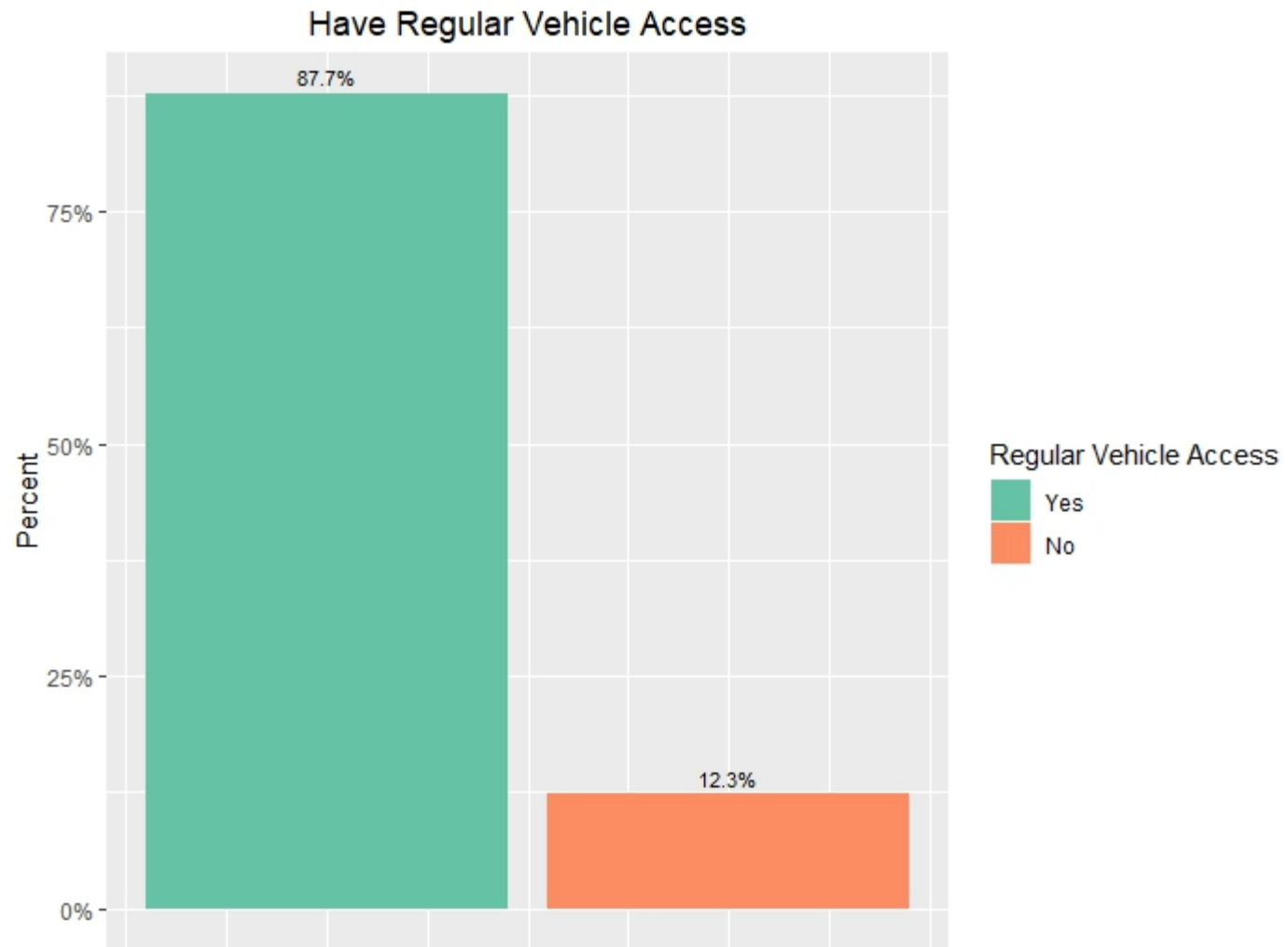


Education

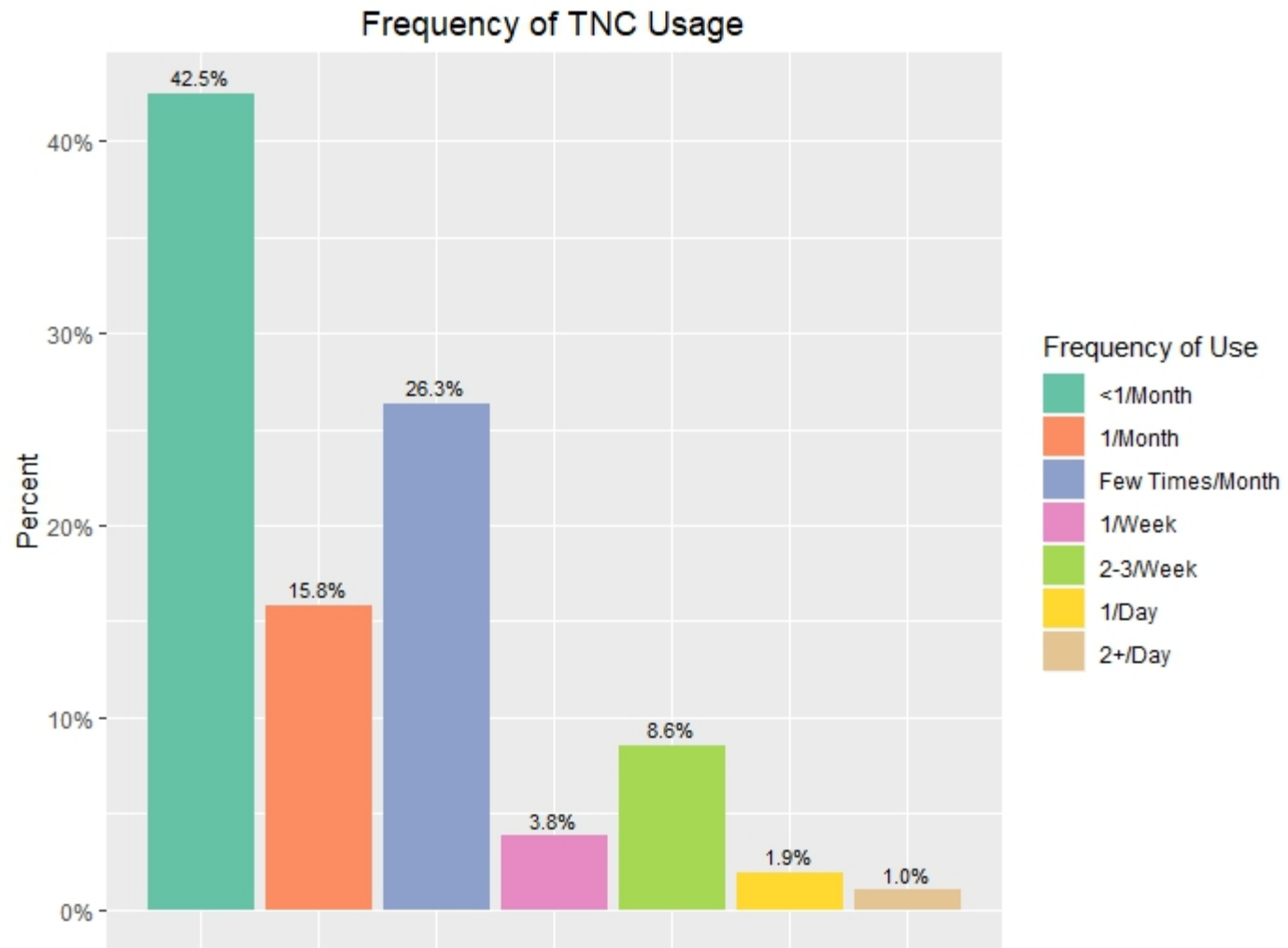




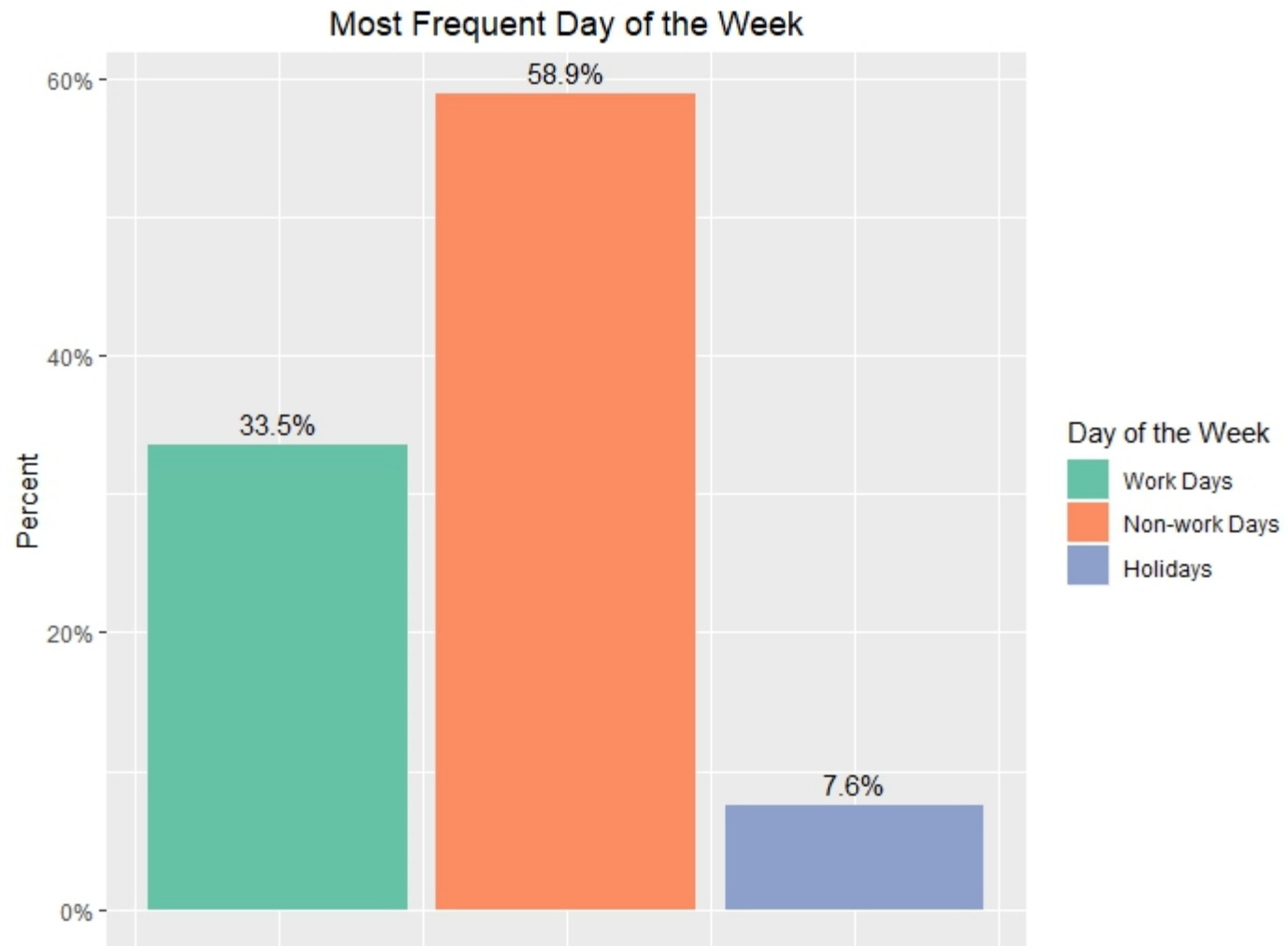
# Vehicle Access



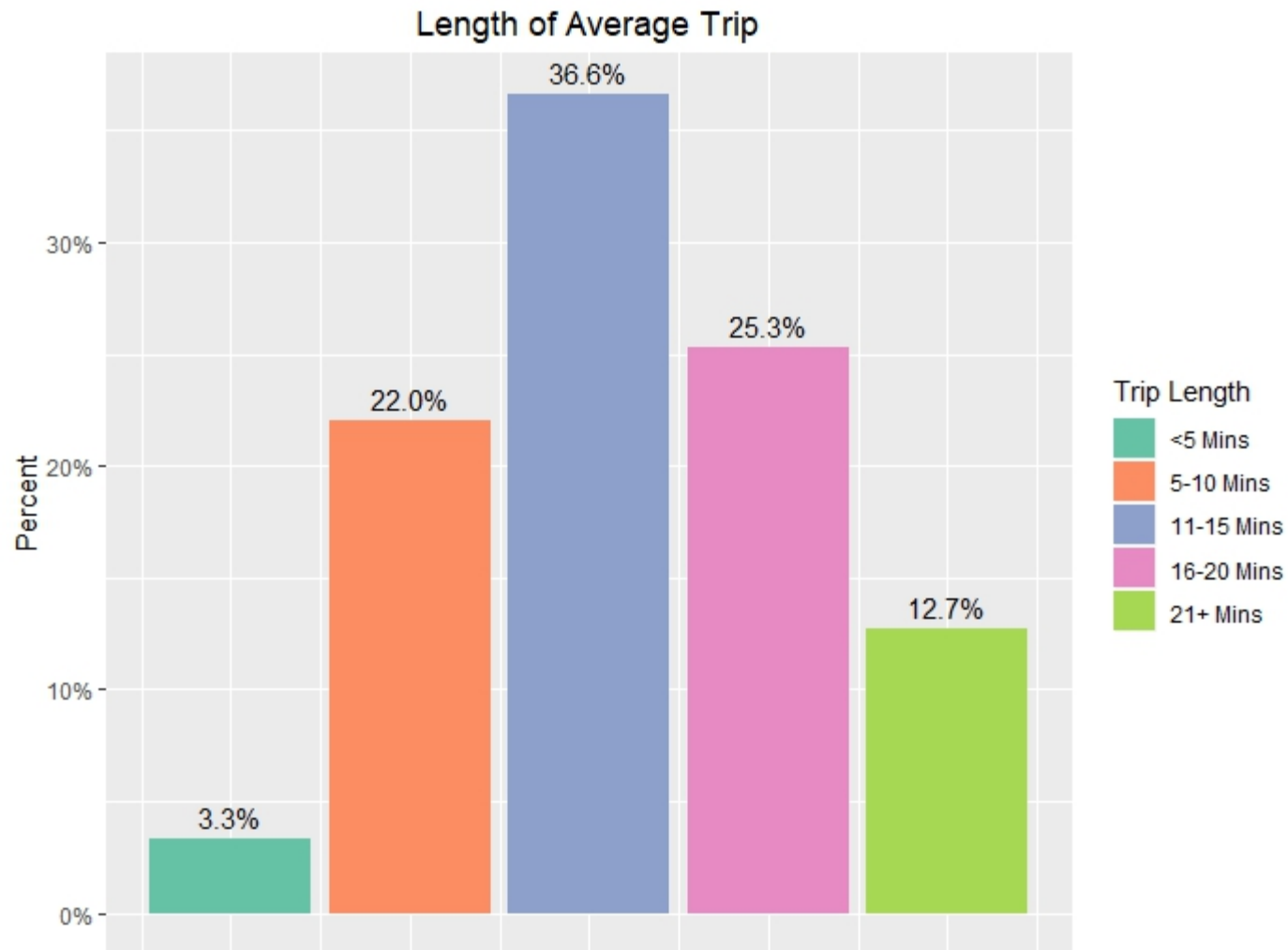
# Frequency of Use



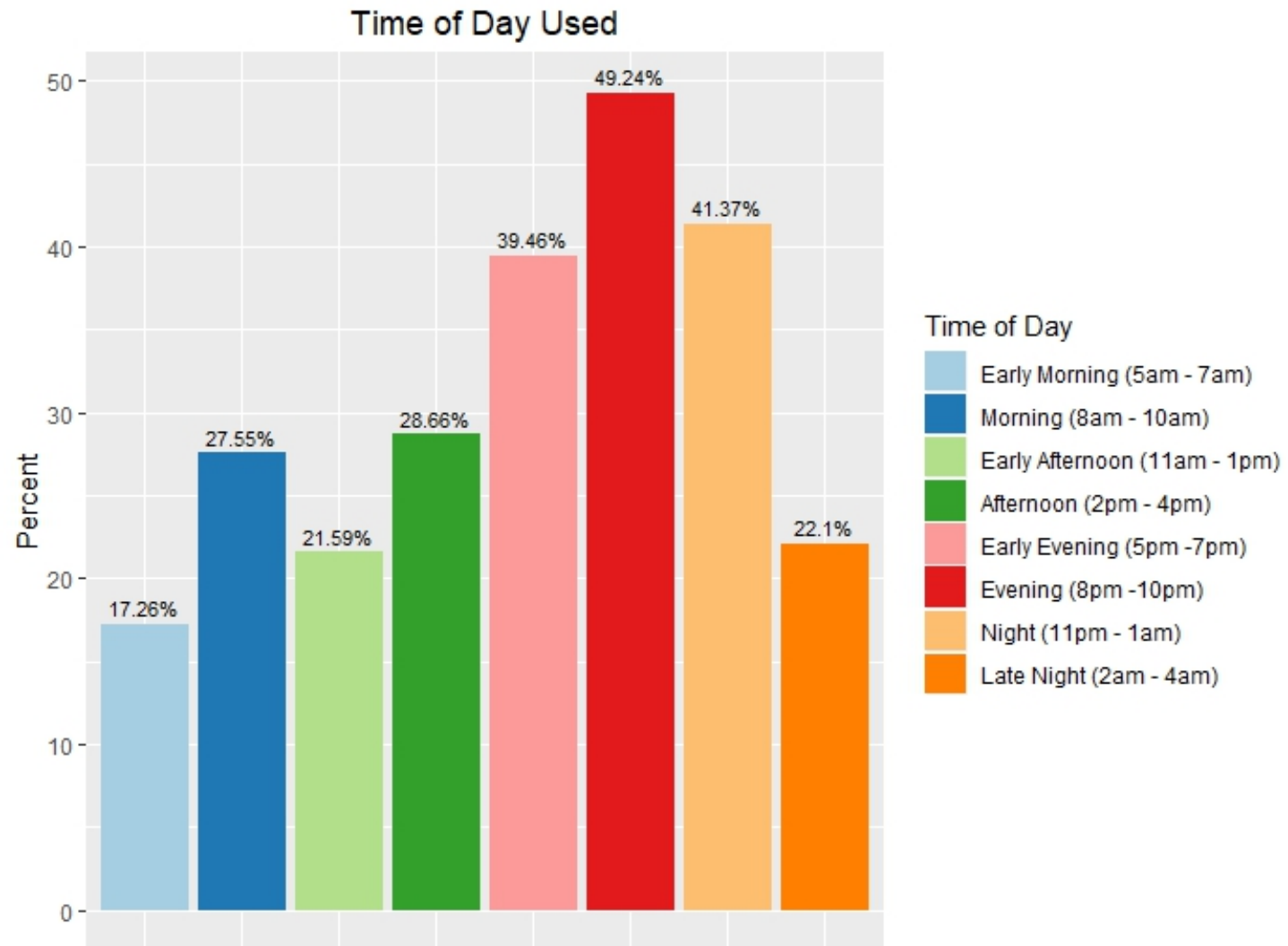
# Days Used



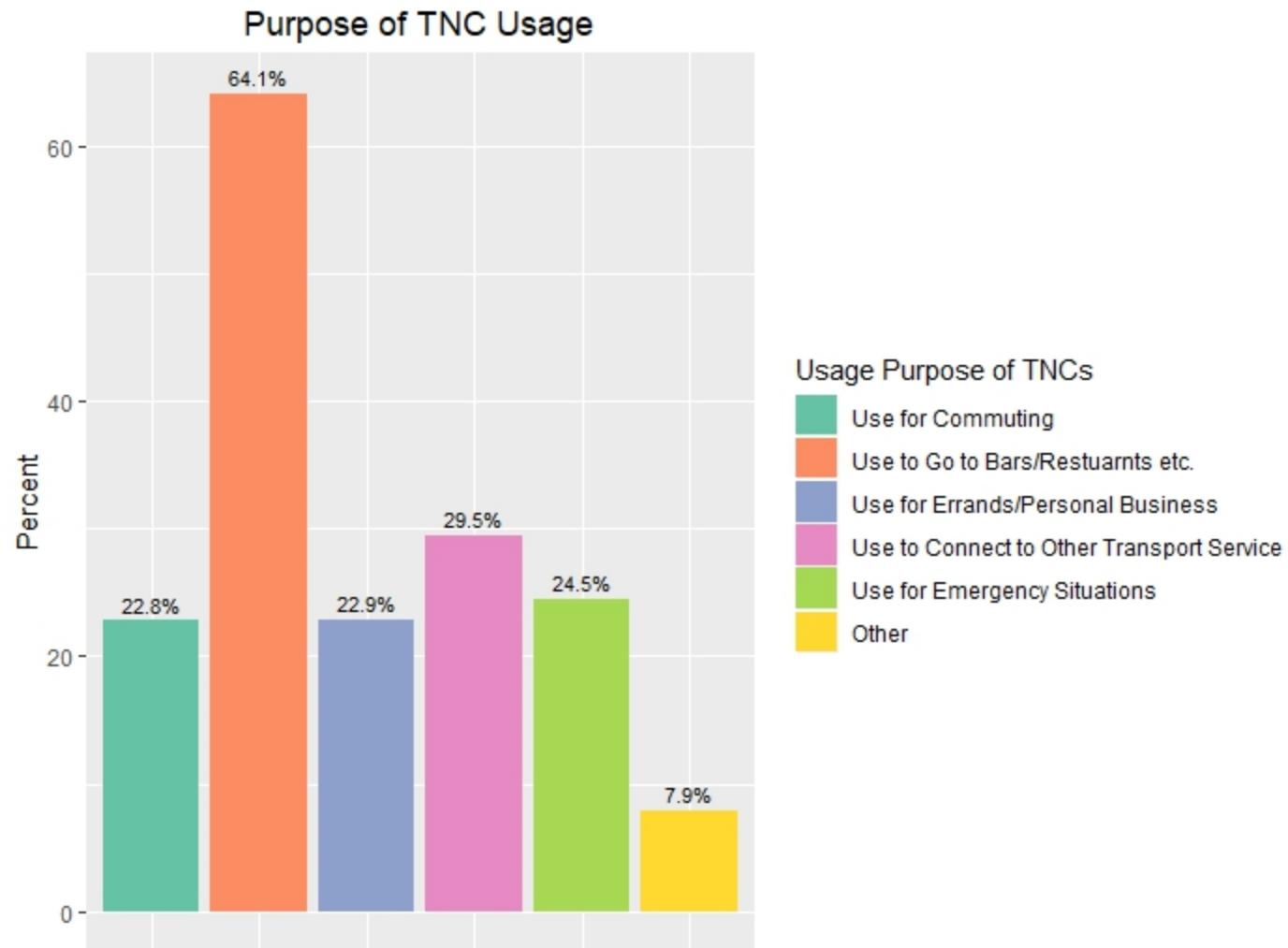
# Length of Trip



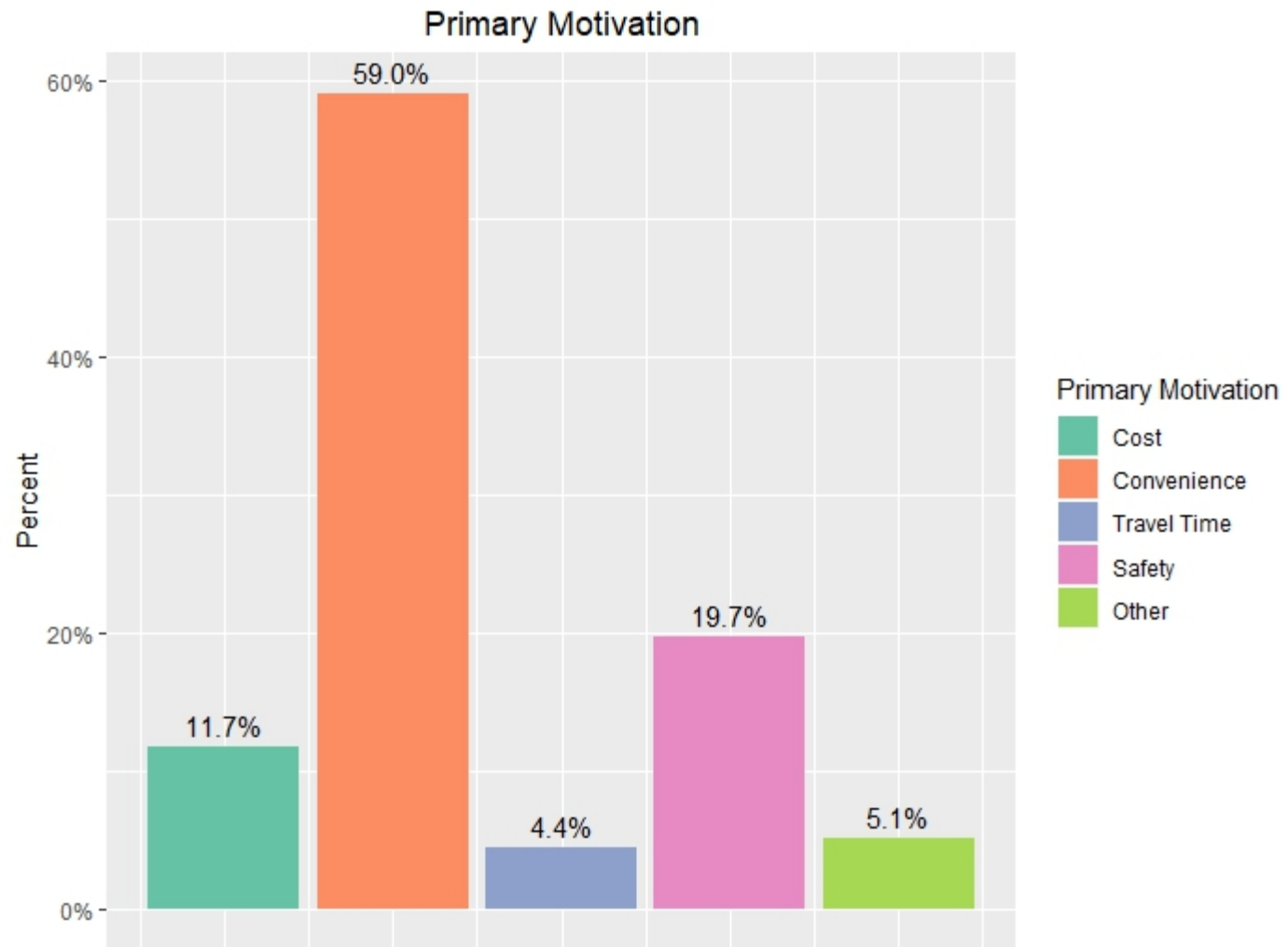
# Time of Day Used



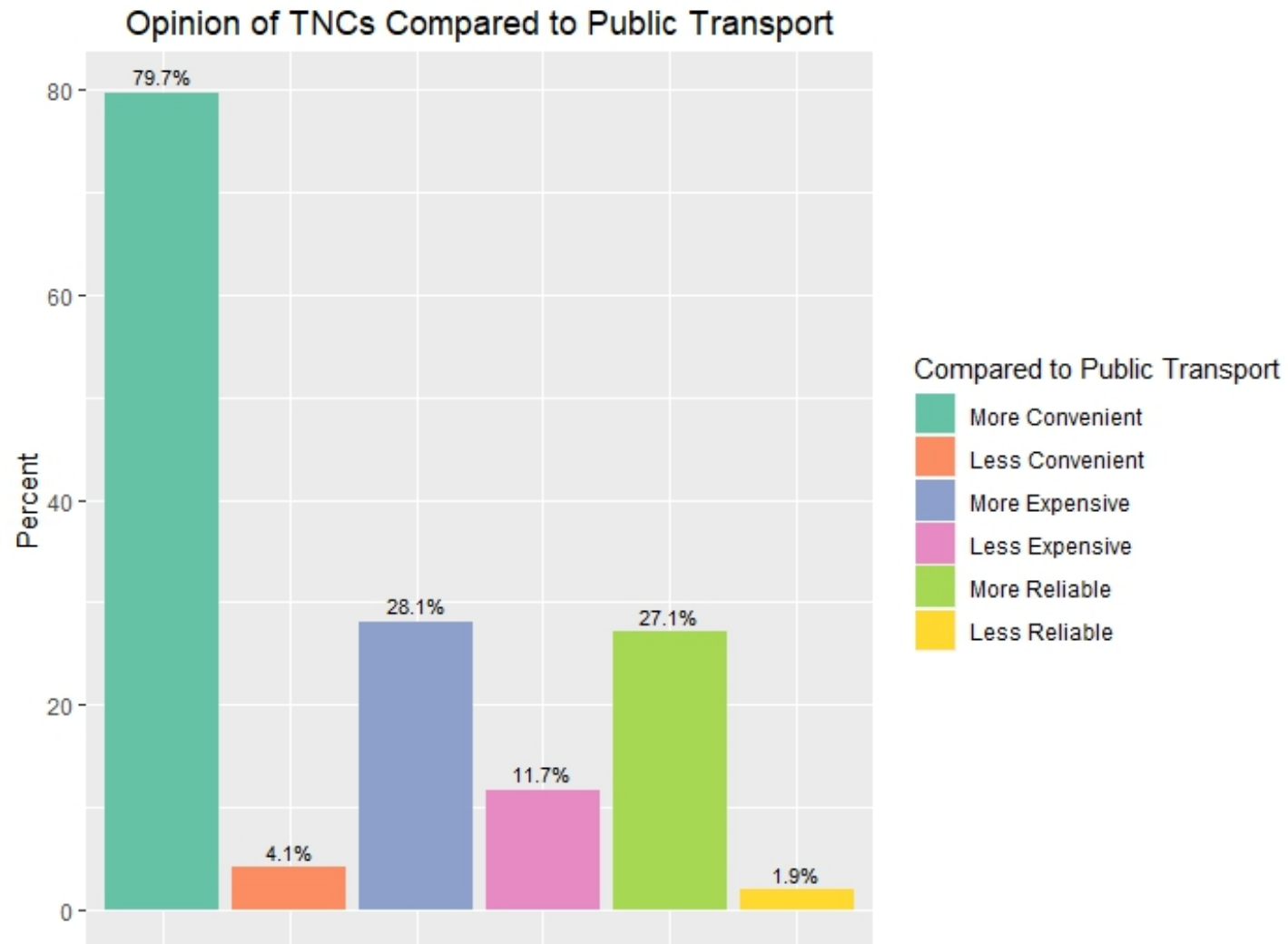
# Trip Purpose



# Motivation

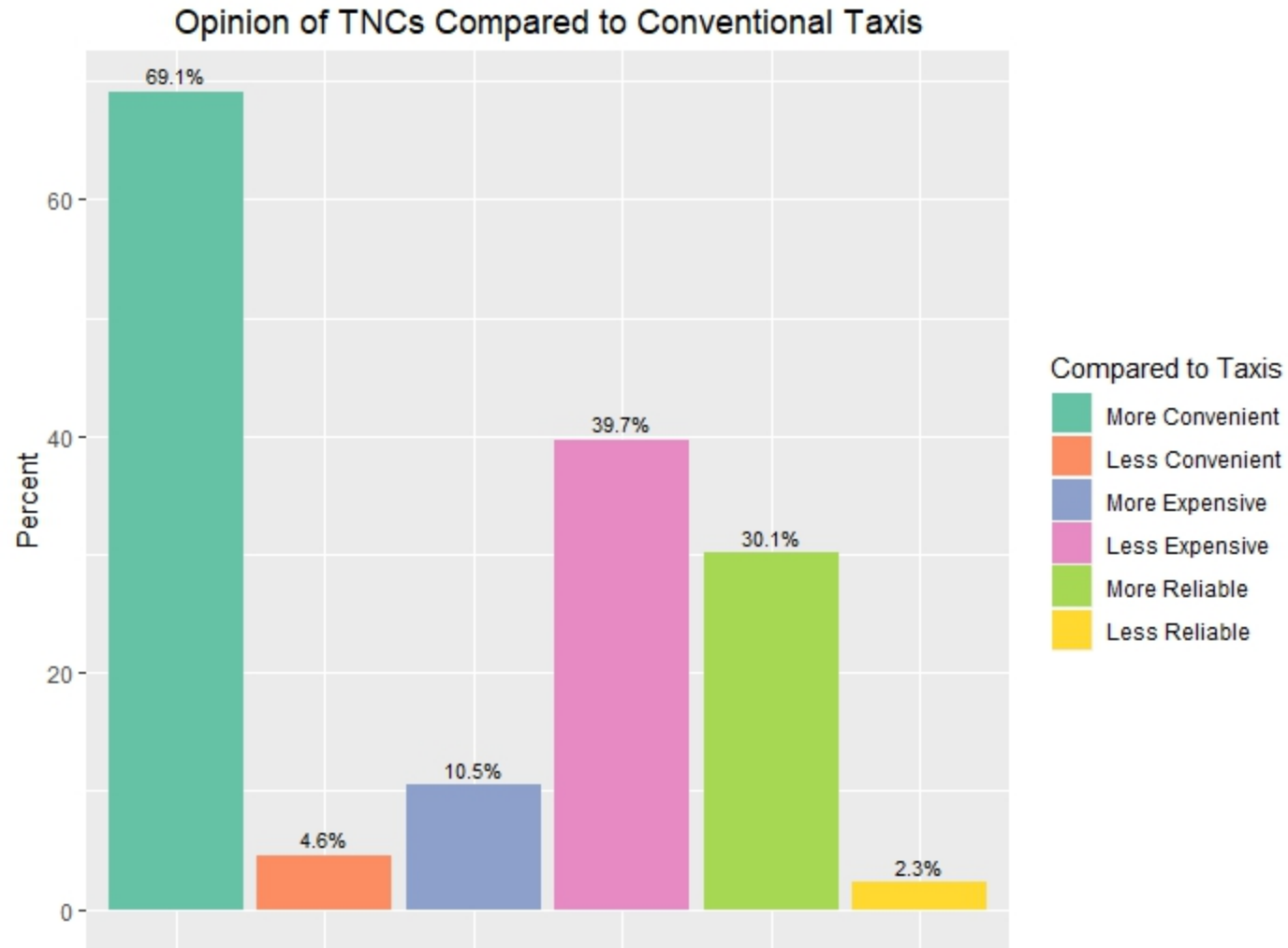


# Compared to Public Transport



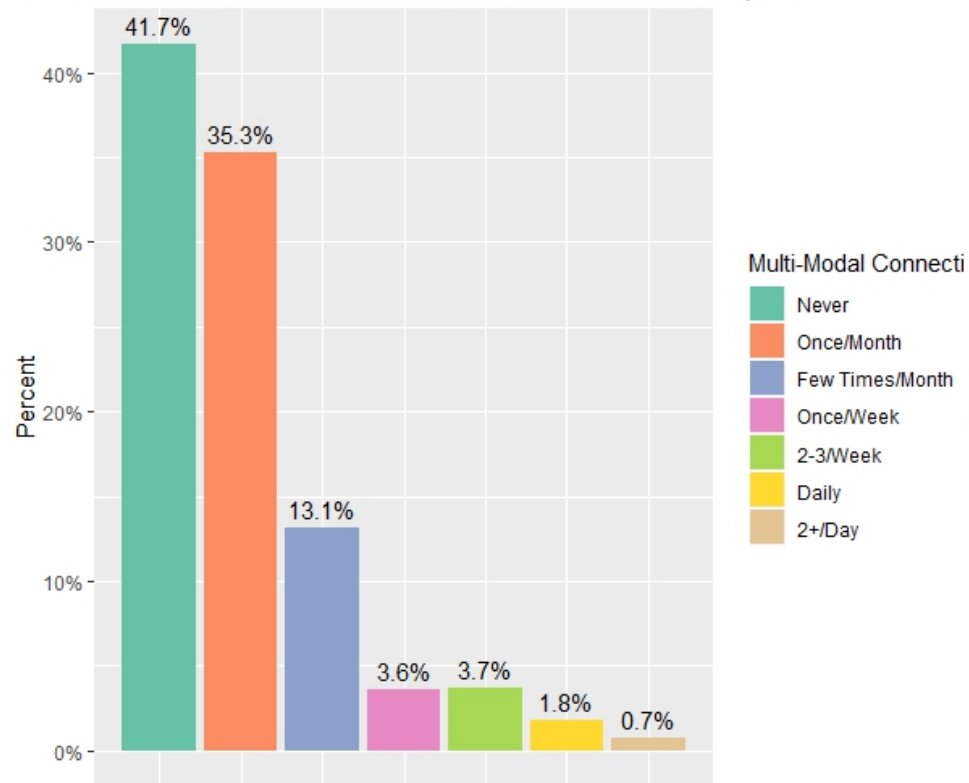


# Compared to Taxis

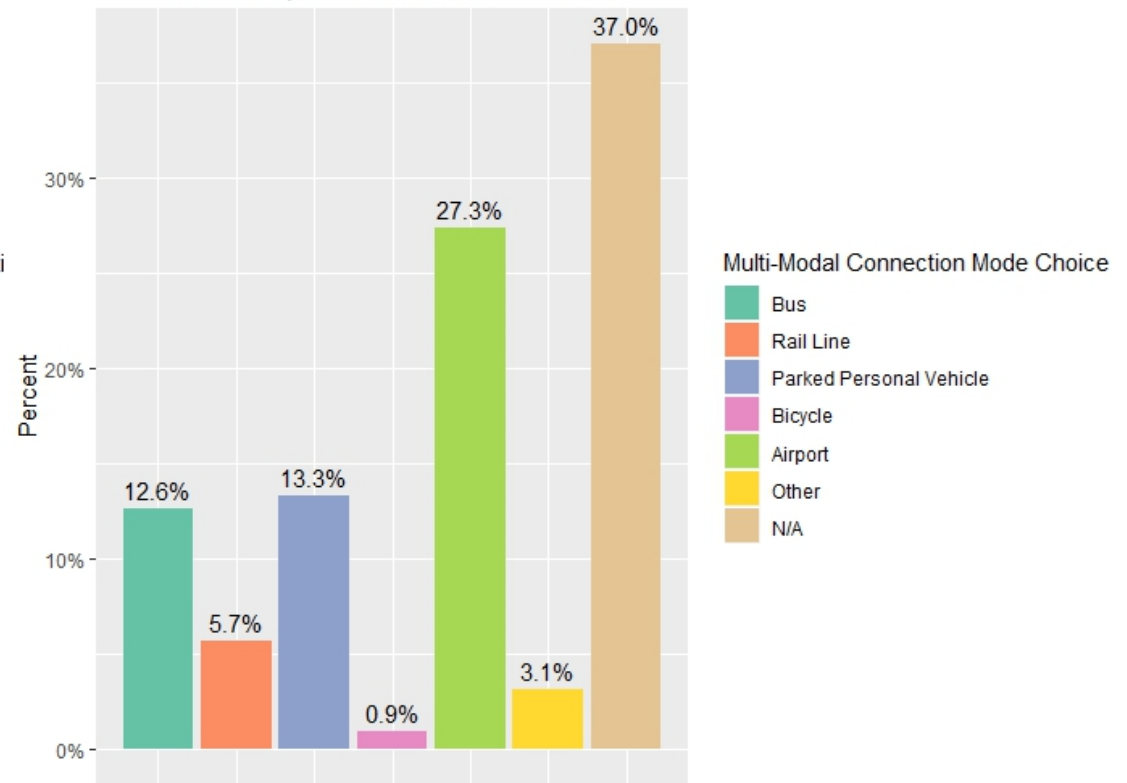


# Multi-Modal Connections

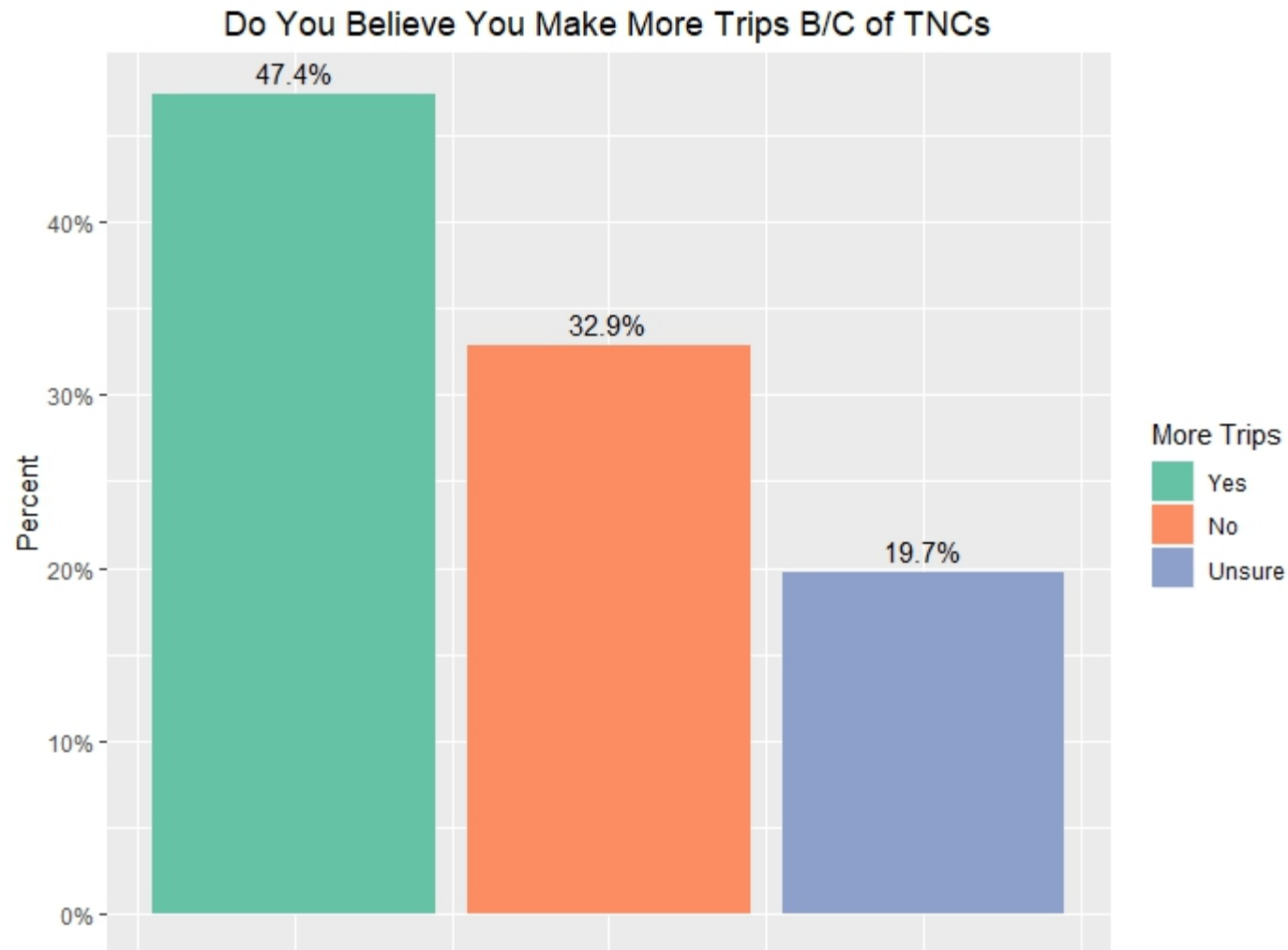
How Often Do You Use TNCs to Connect to Other Transport



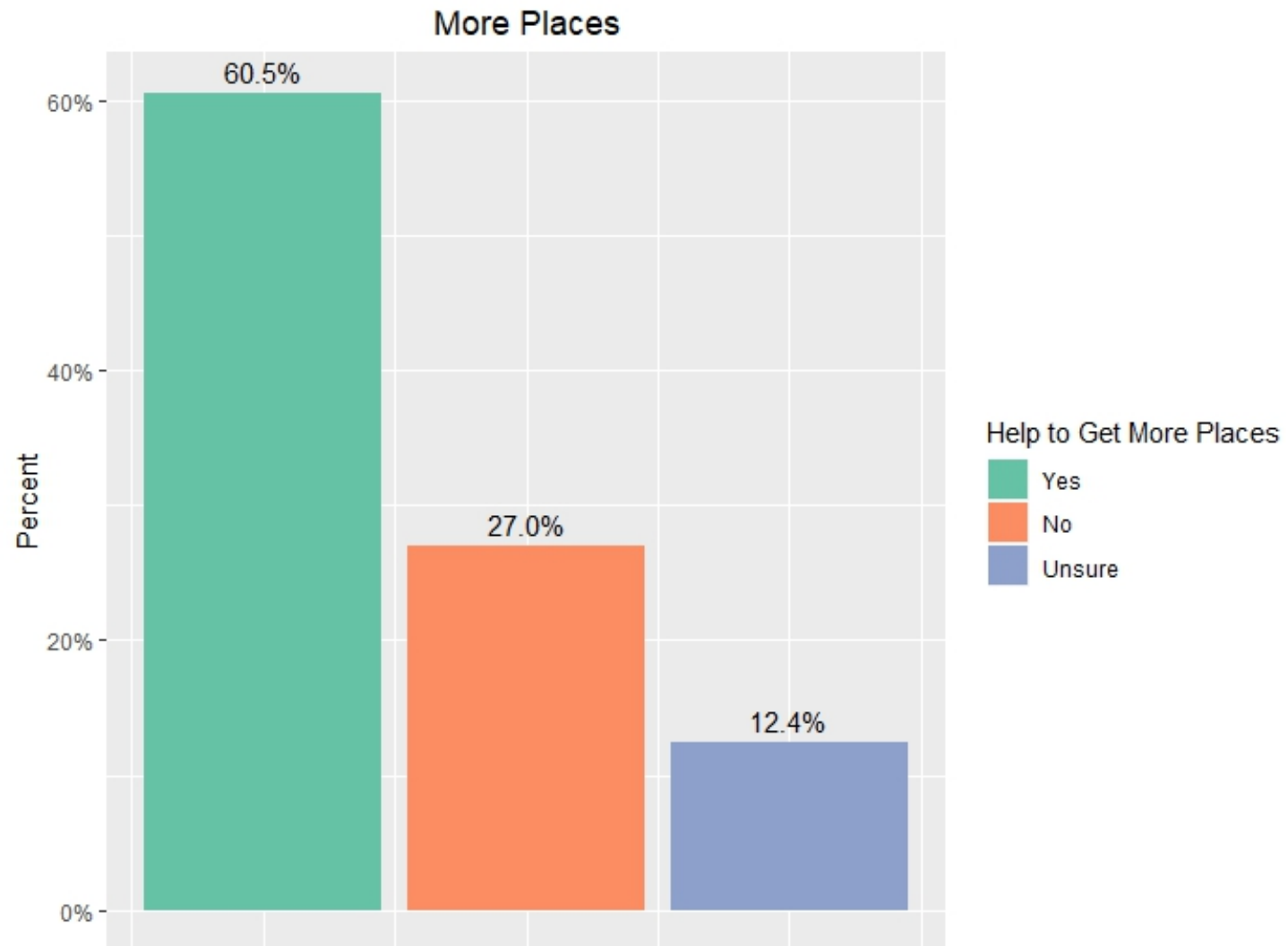
Most Frequent Mode Connected To



# More Trips



# Access



# Interesting Emerging Findings

- **Men appear to use TNCs with higher frequency than women**
- **Women appear to be slightly more motivated by convenience**
- **No difference in length of trips between men and women**

# Future Research

- Further analyze this data
- Extend this type of research to bikesharing, e-scooters etc.

