

# RP 2021 IMPROVING TRAVEL SUSTAINABILITY IN METROPOLITAN AUSTRALIA



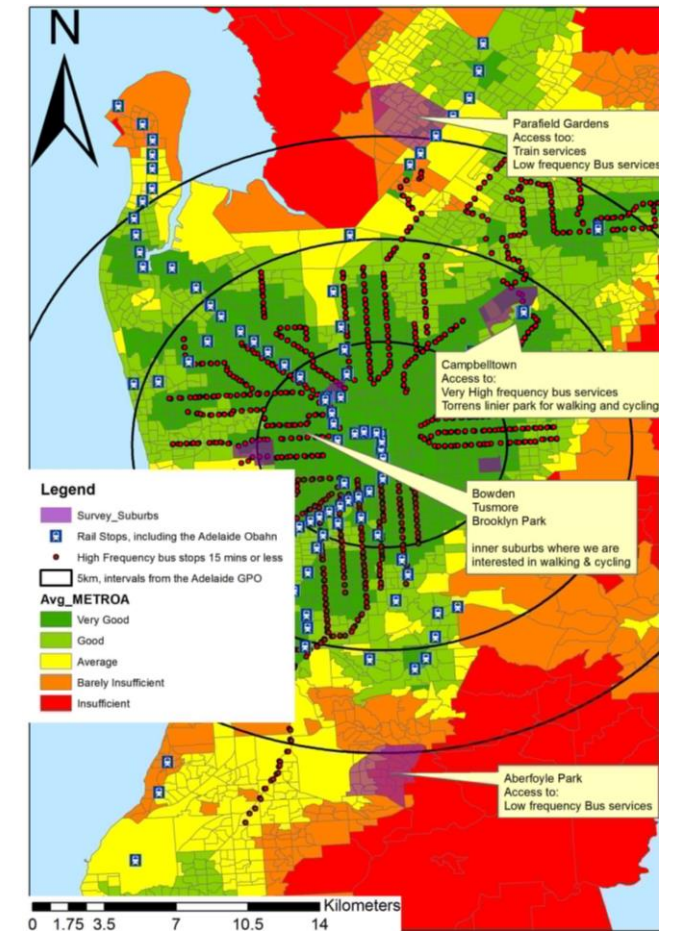
Figure 1: Adelaide's O-Bahn bus as part of Adelaide's predominantly bus based public transport network  
<https://www.flickr.com/photos/philipmallis/21741694355/>

## Aims

- To assess the barriers to uptake of sustainable transport modes of walking cycling and public transport
- To investigate options for integrating public and private transportation modes
- To create a tool to investigate the expected patronage increase resulting from improvements

## My Next Step

## Who to Ask?

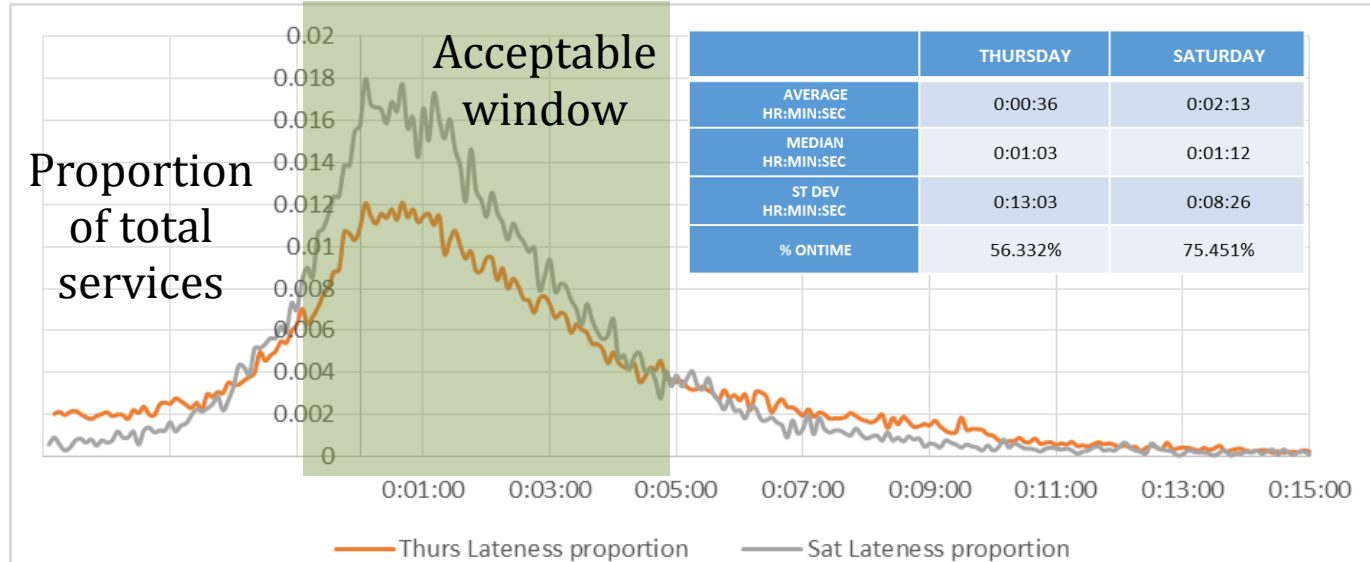


## Reliability

- One of the biggest grievances with public transport is reliability.
- The transport agency is reporting high reliability >90%, **who's right?**

## What can be done about it?

- Reliability published at the level of passenger experience
- Improvements targeted to improving peak reliability



Graph of lateness at boarding transactions across the whole Adelaide Metro bus network for a Thurs and Sat in August 2016

## Interpretation

The department frequently reports that over 90% of bus services are on time. However passengers see a figure of between 50 and 75% depending on the day of the week

## Method

This figure was obtained using ticketing data for August 2016. At every boarding location the timetabled departure time was compared with the boarding time

This survey will help to understand what else is needed to encourage higher uptake of the sustainable transport modes in the suburbs.

## Survey Questions

This survey will address

- ✓ current transport behaviour, particularly that associated with commuting
- ✓ attitudes towards the sustainable modes
- ✓ Potential behaviour under different circumstances, with attribute trading

These locations were decided upon through various criteria:

- ✓ Public transport accessibility
- ✓ Walking/cycling availability
- ✓ Distance from Adelaide

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