

## **The next generation: how does bicycle infrastructure affect travel to high school?**



# Introduction



- Me and my research
- The current study – what, how and why
- Some interesting general findings
- Some really interesting specific findings
- Conclusions – there is hope

# + What...

- A study of travel behaviour in Christchurch, with cycling as the focus

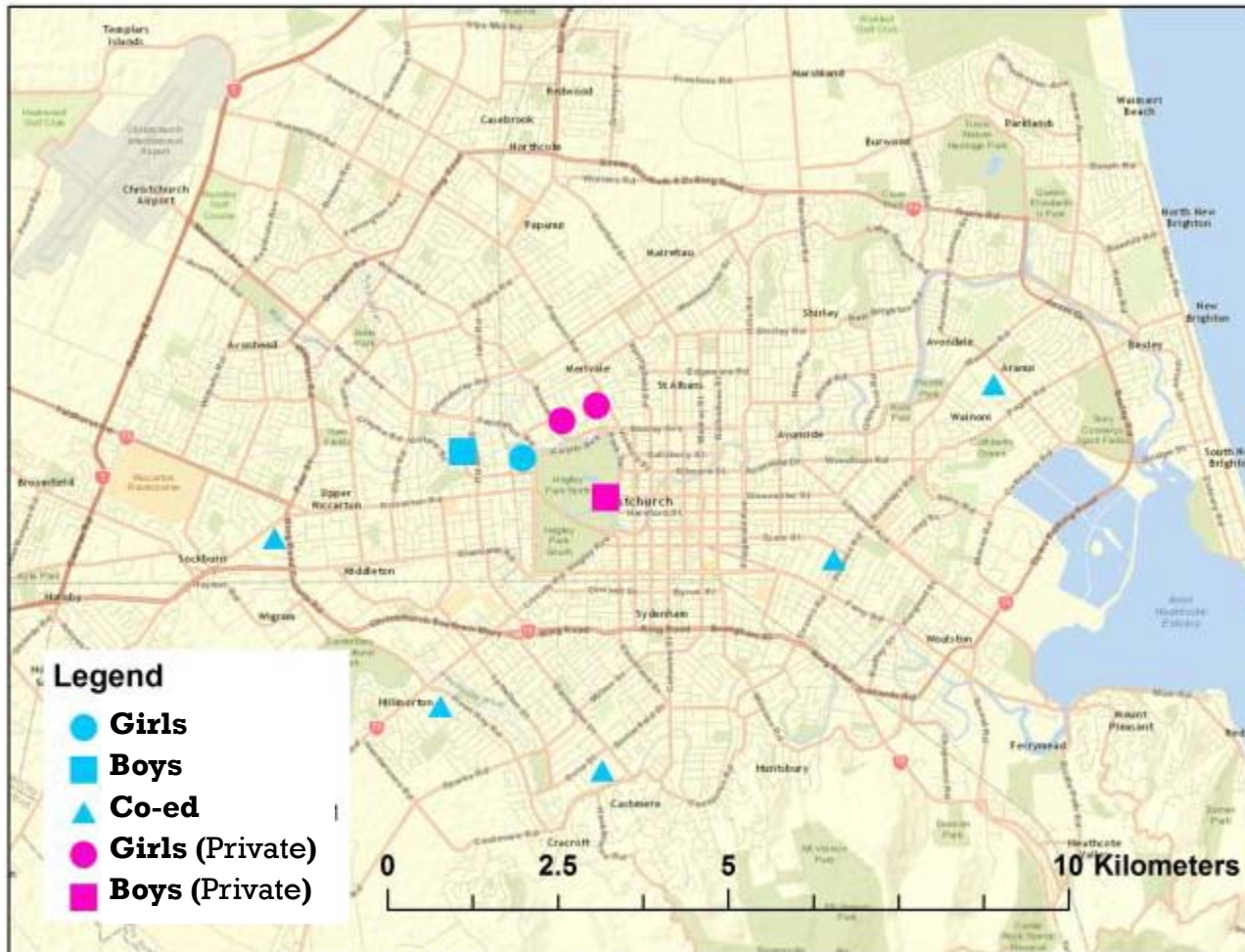
# Why...

- Biking is better\*
- Cycling kids will likely become cycling adults
- “Build it and they will come”
- People say “they will come if you build it”



# How?

- Surveyed students from 10 Christchurch high schools



**1113 Responses**

**55% girls  
45% boys**

# + How?



## ■ Basic information

- Year, drivers license, car, location, travel mode.

## ■ If they didn't bike...

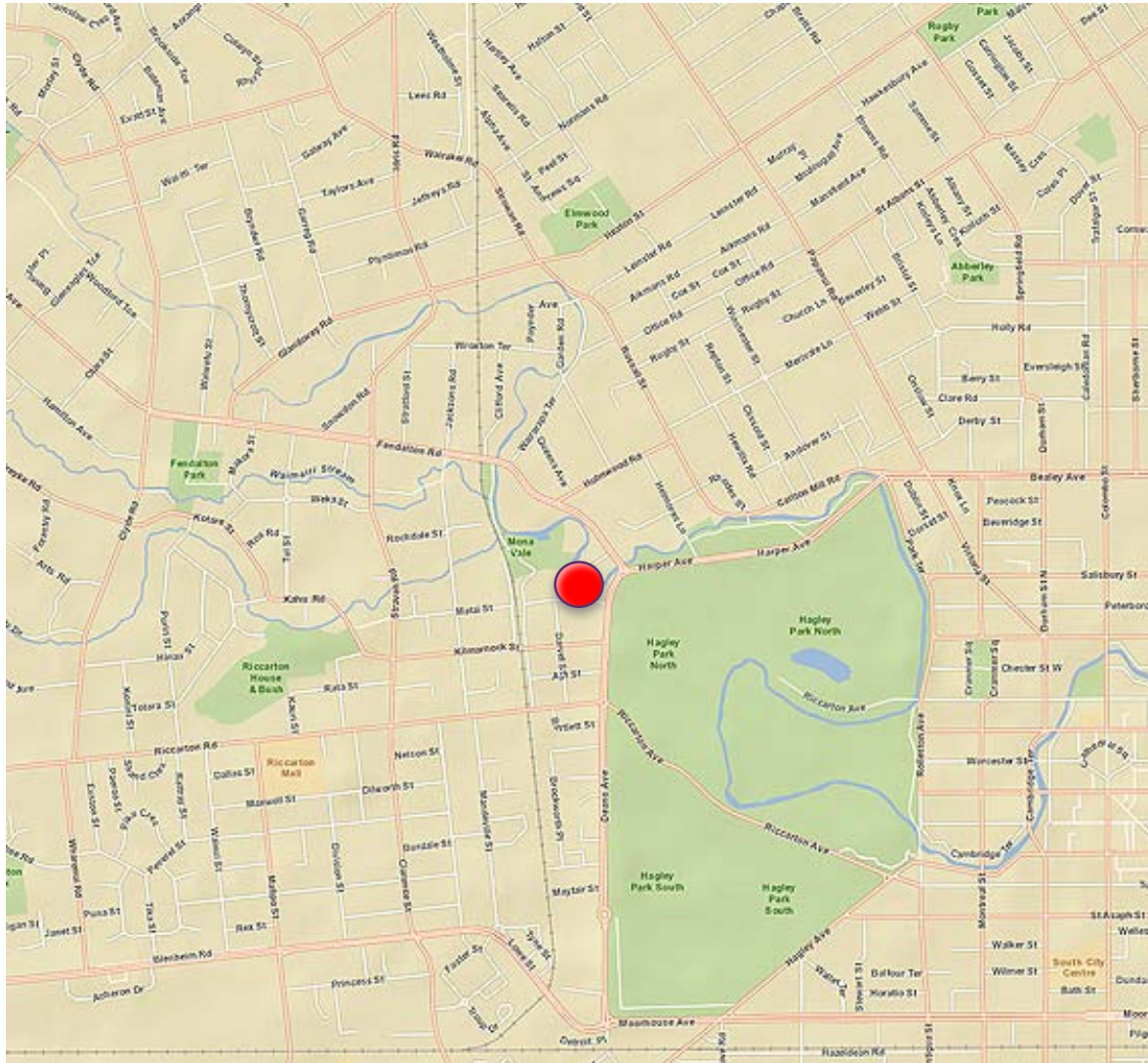
- Why not (multiple reasons from a list)
- What they disliked (infrastructure)

## ■ If they did bike...

- What they liked (infrastructure)
- What they disliked (infrastructure)

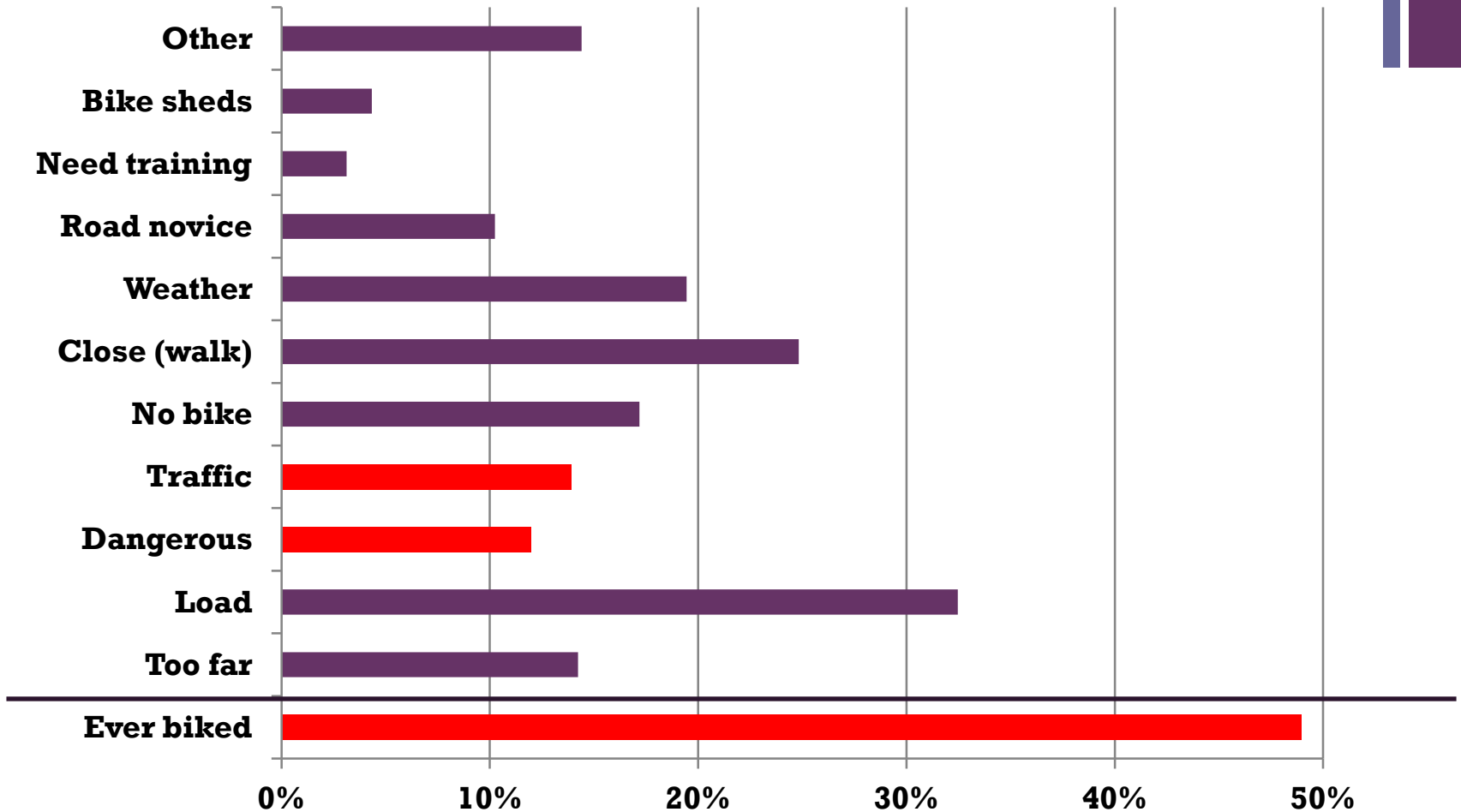


# Example map

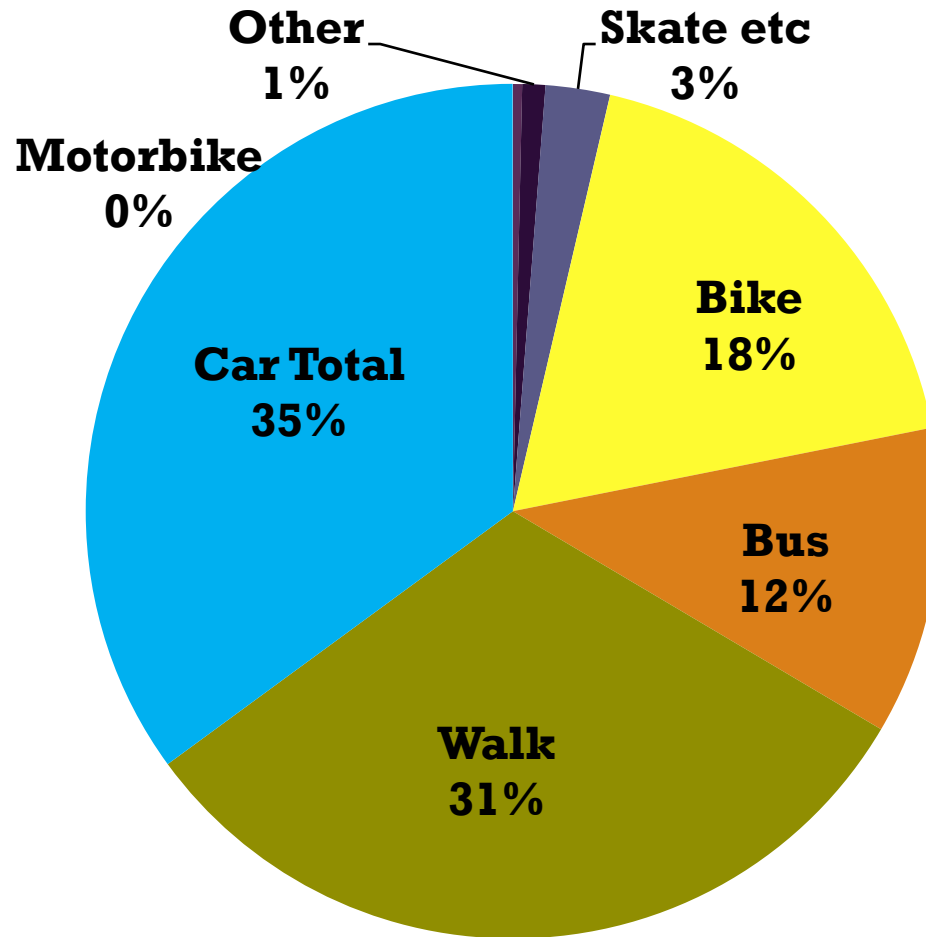




# Reasons for not cycling



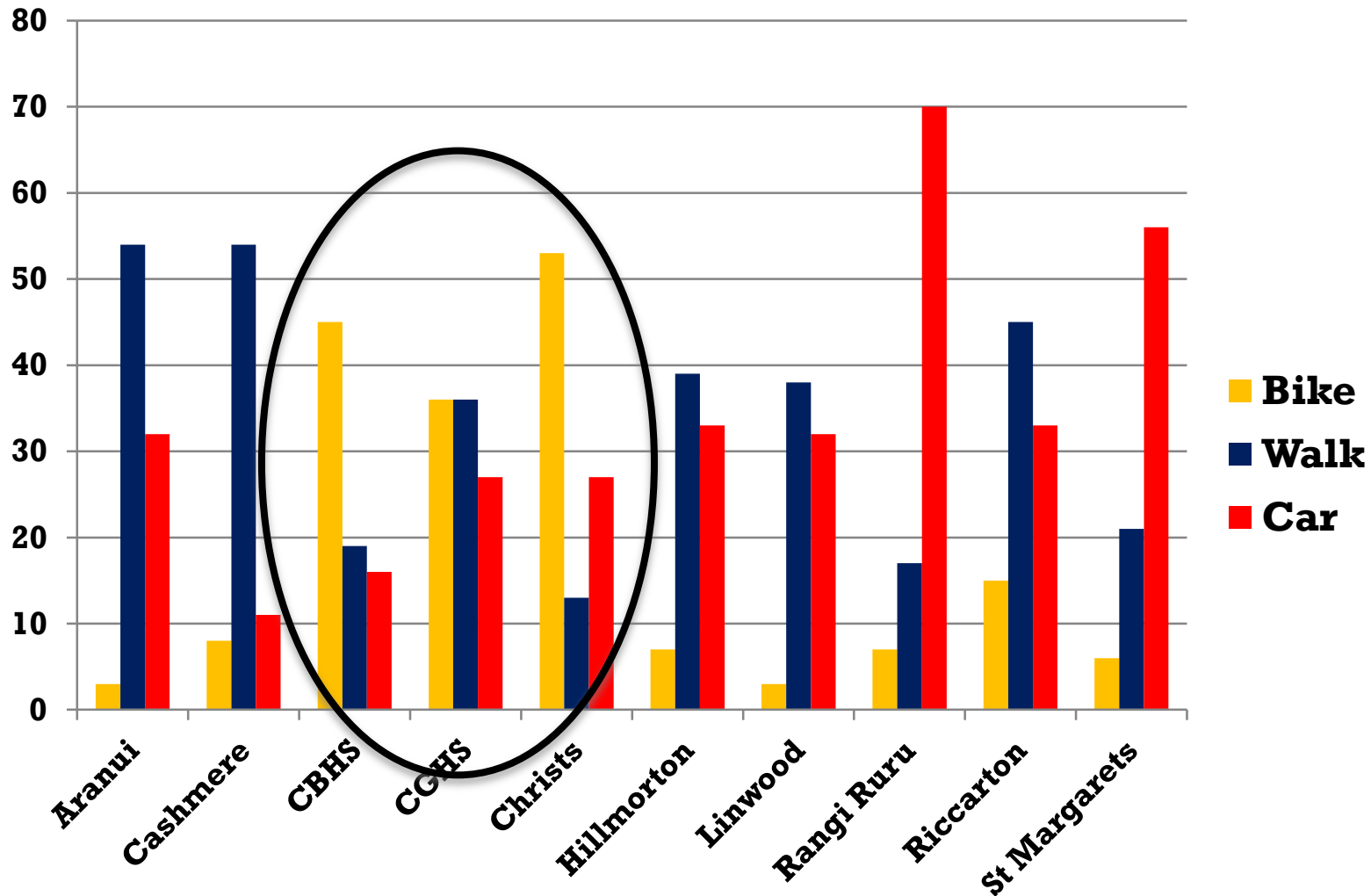
# + Travel mode share (1-6km)



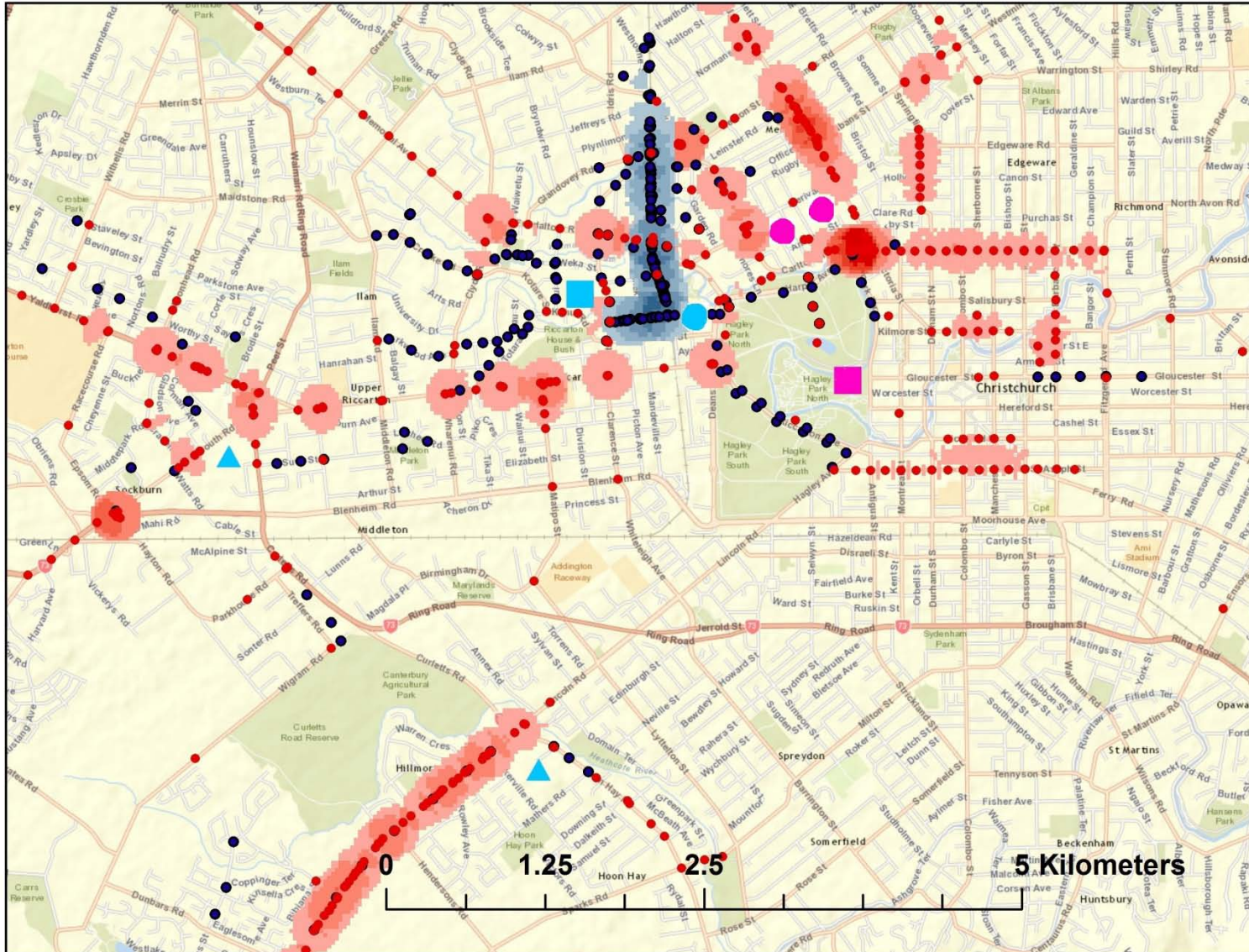




# Mode share by school



# + Likes and dislikes







# Level of service comparison





# Conclusion



- There is plenty of potential
- Good infrastructure has good outcomes
- If you build it **well enough** they will come