

- Part 1 – Historical Children Population in Albany Primary School Zone
- Part 2 – Historical and Predictive Enrolment Data in Albany Primary School

# Part 1 – Historical Children Population in Albany Primary School Zone

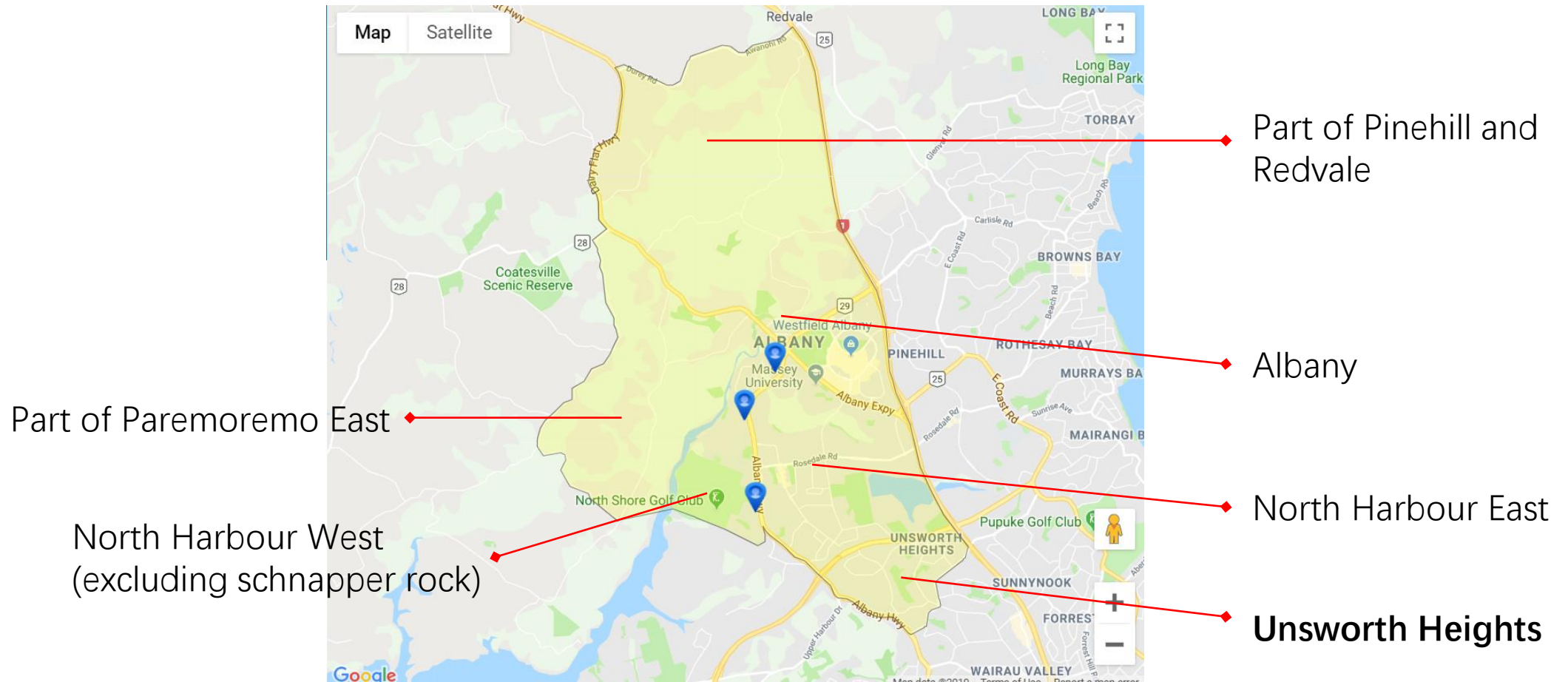
## Notes:

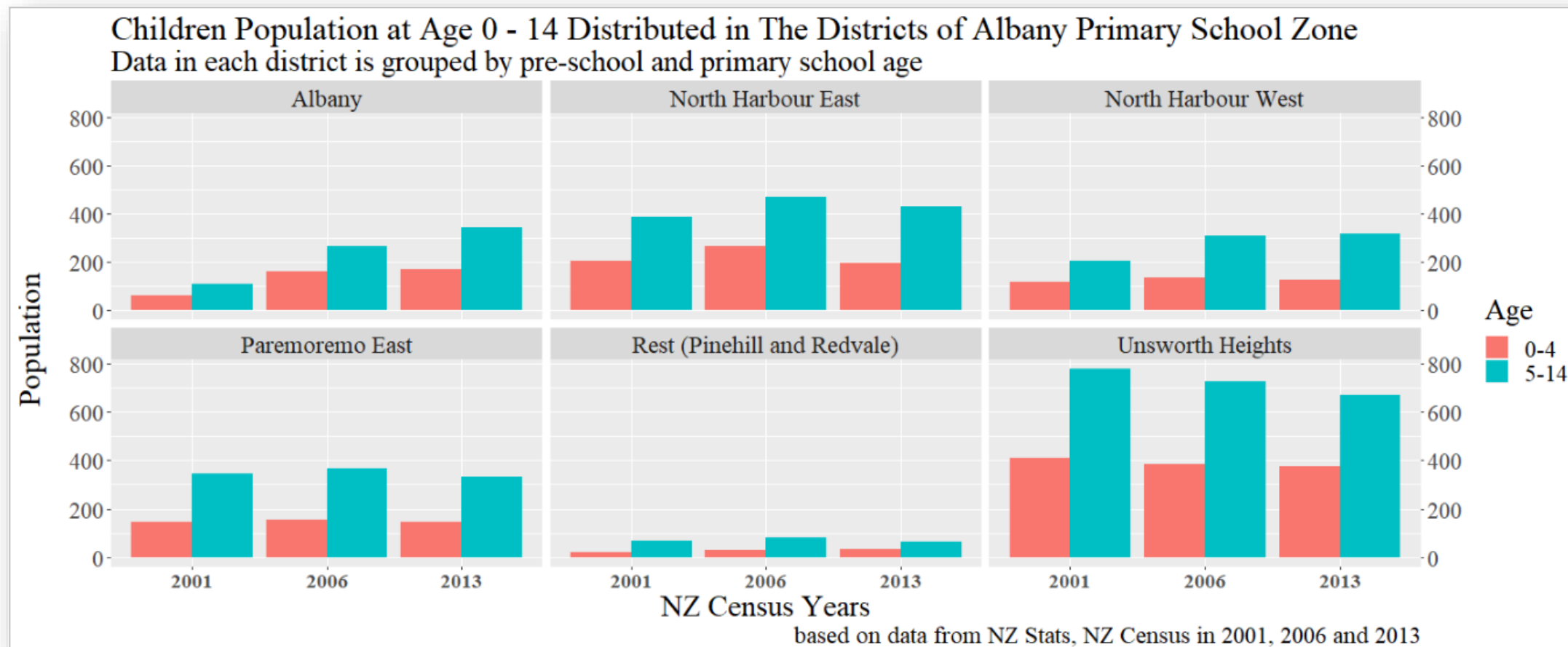
- The original dataset was Auckland Individual Dataset 1 which can be downloaded from NZ Stats:

<http://archive.stats.govt.nz/Census/2013-census/data-tables/meshblock-dataset.aspx>

- These data is based on NZ census 2001, 2006 and 2013, which is not the best to present the most recent situation but still indicates the stability in Unsworth Heights.
- The original dataset was cleaned and recategorized for age 0-4 and 5-14 before sent to Rstudio for visualization
- Paremoremo East, and Pinehill and Redvale data could be  $\pm 10\%$

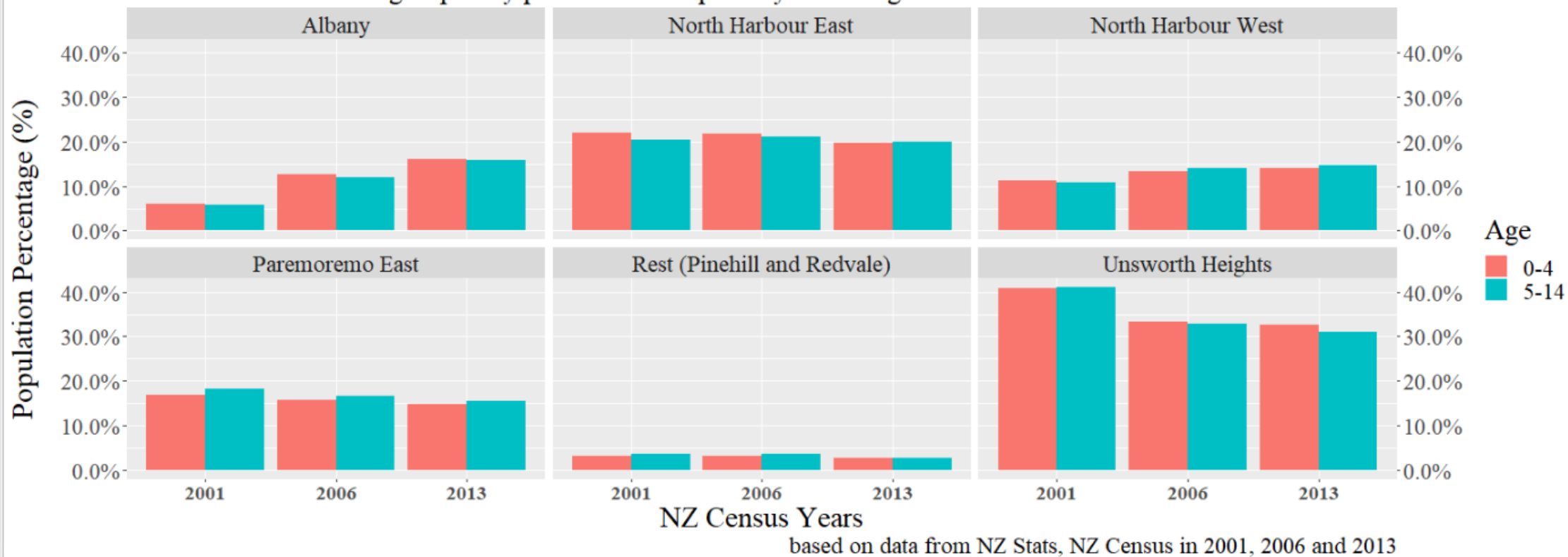
# Districts in Albany Primary School Zone





\*NZ Census 2018 data will be released on **Sept. 23<sup>rd</sup>**, and it is highly desirable to extend this analysis to the 2018 data to correctly sort out the current children population.

Percentage of Children Population at Age 0 - 14 Distributed in The Districts of Albany Primary School Zone  
Data in each district is grouped by pre-school and primary school age



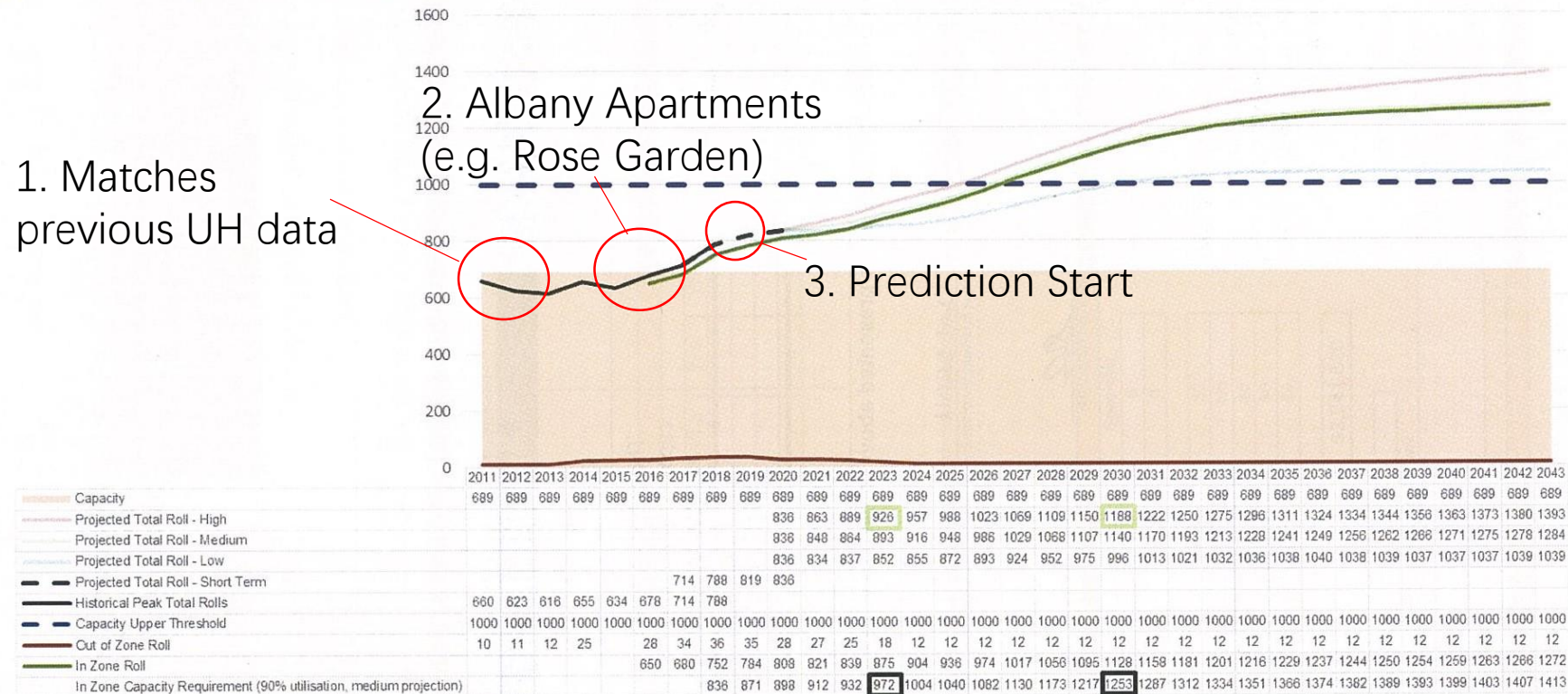
# Conclusions:

- Unsworth Heights have the largest age 0-4 and 5-14 children population from 2001 to before 2013
- Unsworth Heights have the **most stable** age 0-14 children population since 2001
- Albany has the largest growth ratio of 20% for age 5-14 children population from 2006 to 2013, most likely due to newly built houses in this area during that period.
- NZ Census 2018 data is expected to reveal more truthful children population distribution data in recent years to reflect the development in Albany/Pinehill area.

## Part 2 – Historical and Predictive Enrolment Data in Albany Primary School

*(provided by Principal of Albany Primary School on 06/19/2019, based on census)*

Figure 3 Short Term (2019-2020) and Long Term (2021-2043) Roll Forecasts for Albany School – Status Quo



\* It was stated by the principal that this data is underestimating the actual roll

# Conclusions:

- Before 2013 the students number actually were slightly dropping which matches previous analysis of Unsworth Heights school-age children population based on NZ stats data.
- During 2015 - 2017 the roll number started to increase in a steady slope, which is around the time Rose Garden Apartments were firstly completed.
- This gives ground argument that whatever residential construction finished during 2015 – 2017 in either Albany majorly or other areas, but not Unsworth Heights, caused the main pressure.
- **Keep the stable and move out the rising!**