**Date:** Thursday 20 June 2019  
**Time:** 9.30am  
**Meeting Room:** Upper Harbour Local Board Office  
**Venue:** 30 Kell Drive  
Albany

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**Upper Harbour Local Board**  
**OPEN MINUTE ITEM ATTACHMENTS**

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<td>Hao (Owen) Xu - Albany Primary School re-zoning</td>
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<td>A. 20 June 2019 Upper Harbour Local Board: Item 9.1 - Albany Primary School re-zoning data analysis</td>
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**Note:** The attachments contained within this document are for consideration and should not be construed as Council policy unless and until adopted. Should Councillors require further information relating to any reports, please contact the relevant manager, Chairperson or Deputy Chairperson.
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:

• 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 ± 10%
Districts in Albany Primary School Zone

- Part of Pinetown and Redvale
- Albany
- North Harbour East
- Unsworth Heights
- Part of Paremoremo East
- North Harbour West (excluding schnapper rock)
*NZ Census 2018 data will be released on Sept. 23rd, and it is highly desirable to extend this analysis to the 2018 data to correctly sort out the current children population.

Analysis by Owen Xu, 06/12/2019, updated on 08/19/2019
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)*

*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!