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# **Population Health Analyst – Analytical Task**

## Young people in North Western Melbourne Primary Health Network region

**Background**

North Western Melbourne Primary Health (NWMPHN) is dedicated to gaining a comprehensive understanding of the overall well-being and development of young individuals within our catchment area, encompassing their physical, emotional, and social dimensions. Our objective is to identify specific issues or geographic locations that may warrant additional attention, ensuring that we can optimise efforts to provide young people with the best possible foundation for a healthy and thriving life.

We would like to understand more about **child development in the NWMPHN region** and **the 13 LGAs within our region**, and whether **children are on track using the Australian Early Development Census (AEDC).**

**Data source**: <https://phidu.torrens.edu.au/current/data/sha-topics/child_youth/phidu_child_and_youth_data_phn_lga_aust.xls>



## **Your Task**

As a Population Health Analyst at NWMPHN, you have been tasked with preparing and delivering a concise report to a project advisory group. The report will focus on childhood development within the NWMPHN region, anchored by research question(s) that you will design. It should not be more than four pages (inclusive of any charts and references). You can determine how you would like to present the report (e.g., headers and layout).

* Extract the relevant data from the PHIDU spreadsheet.
* Analyse the population health data (Victoria, NWMPHN, 13 LGAs)
* Identify and develop **1 -2 research questions** to focus the scope and findings of your report.
* [Submit your report](mailto:ashlee.bailey@nwmphn.org.au) to the panel **by 14 January 2024** at the below email address.

We recommend that you dedicate 2-4 hours for task preparation. We are most interested in your approach to undertaking the task and the conclusions you reach.

**Next steps after submitting your analysis**

Shortlisted candidates will be contacted to schedule an in-person interview in the second week of January 2024. Part of the interview (~30-45 minutes) will include 10 minutes for the opportunity to present their report to the interview panel and briefly describe:

1. how you approached the task.
2. any notable insights and potential implications for NWMPHN programming.
3. limitations in relation to the data (or its interpretation).
4. any additional data sources which you believe could potentially enrich our understanding of the experience of young people.

For the 10-minute presentation, a laptop will be provided for any data visualisations you create, or you are welcome to bring your own device. The document type for the presentation is flexible, allowing you to choose the format that best suits your preferences, whether it be Word, PowerPoint, or another compatible option.

Thank you for your interest in this opportunity with the Population Health and Planning team at NWMPHN. We look forward to receiving your submission and wish you best of luck with the task!

Please contact Ashlee Bailey, Manager Population Health and Planning, ([Ashlee.Bailey@nwmphn.org.au](mailto:Ashlee.Bailey@nwmphn.org.au)) with any questions regarding the task.