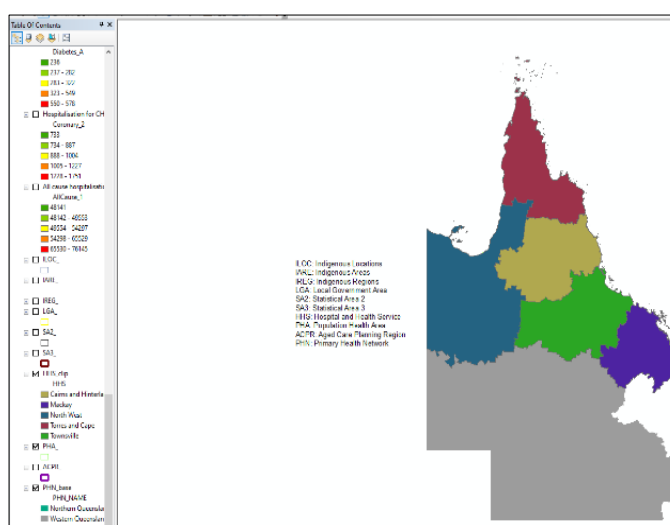


## Integrated Health Care Planning for Health and Prosperity in North Queensland Project Update to TAAHC Board / CLG 13/10/21

### Current Activities

- High level engagement with data managers at the Townsville Hospital and Health Service, Statistical Services Branch - Queensland Health and the Department of Health.
- Identification and compilation of a list of publicly available datasets and sources, with basic details including websites and accessibility.
- Working to identify a key set of indicators, in terms of socio-demographics, morbidity, service plans, community needs assessments, service utilisation and workforce data, that will guide the datasets used for the purpose of this project. Indicators list will be refined in consultation with the Technical Reference Group.
- Gathering of relevant publicly available datasets about the north Queensland region, at the smallest geographical level possible.
- Exploration of the appropriateness and usability of mapping software to ensure publication and accessibility to the mapped data for partners as the project progresses.
- Mapping of geographical boundaries (levels of data available) has commenced (see screenshot for example).
- Meeting proposed with Better Health NQ planning officers group to discuss the project, share resources, minimise duplication where possible and leverage to maximise benefits.
- The second Technical Reference Group meeting is scheduled for Friday 29<sup>th</sup> October 2021 via zoom, with project partners.
- JCU team meetings continue to be held weekly to ensure progress according to aims.
- Regular project updates continue to be provided to the TAAHC Board and Clinical Leadership Group.

Example of mapping. Layer options in left column.



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### Project Summary

The Integrated Health Care Planning for Health and Prosperity in North Queensland Project commenced on 15<sup>th</sup> April 2021 and will conclude on the 14<sup>th</sup> April 2024. JCU has received funding for the project from the Cooperative Research Centre for Developing Northern Australia Ltd (CRCNA), with a financial contribution from the Tropical Australian Academic Health Centre (TAAHC), and in-kind contributions from project partners. It aims to improve the responsiveness of health services to the health needs of communities in the North Queensland region.

# Integrating Health Care Planning for Health and Prosperity in North Queensland

The Integrating Health Care Planning for Health and Prosperity in North Queensland Project aims to improve the responsiveness of health services to the health needs of communities in the North Queensland region. The North Queensland region is defined in the Project as the region bounded by the five Hospital and Health Services from the Mackay region through to the Torres Strait and the Northern Territory border.

Investing in the health workforce and related improvement in models of care can be a strong economic driver for prosperity; a healthy community is a necessary pre-requisite for economic development. This Project provides a unique opportunity to unite health industry partners and engage with local communities to improve efficiencies and effectiveness in service planning and delivery.

The James Cook University research team are coordinating the project. Project governance is provided by a Technical Reference Group comprising representatives from all Project partners. Funding for the Project has been received from the Cooperative Research Centre for Developing Northern Australia (CRCNA), with a financial contribution from Tropical Australian Academic Health Centre (TAAHC), and in-kind contributions from Project partners.

## Project Partners

- Tropical Australian Academic Health Centre Partners
  - Cairns and Hinterland Hospital and Health Service
  - Mackay Hospital and Health Service
  - North Queensland Primary Health Network
  - North West Hospital and Health Service
  - Torres and Cape Hospital and Health Service
  - Townsville Hospital and Health Service
  - James Cook University / Australian Institute of Tropical Health and Medicine
- Western Queensland Primary Health Network
- Queensland Aboriginal and Islander Health Council
- Queensland Health Office of Rural and Remote Health
- National Rural Health Commissioner
- Northern Territory Department of Health
- The Rural Clinical School of Western Australia
- Cooperative Research Centre for Developing Northern Australia



The project has two distinct phases. In phase 1, existing data will be collected and analysed using innovative mapping techniques to define community and service needs and identify gaps and duplication. In phase 2, place-based planning with three or four prioritised communities will co-design, implement and evaluate new models of care. Impacts and outcomes of the project will be evaluated in terms of quality of care, efficiency, service provider and consumer satisfaction, and process acceptability and sustainability.

## Phase 1: Synthesis and mapping of existing data (July 2021 - June 2022)

Collect existing data including demographics, health outcomes, potentially preventable hospitalisations, PHN and HHS needs workforce and service plans, community needs assessments

Use mapping tool to analyse data in collaboration with local providers and consumers to identify service needs and gaps/duplication

Identify gaps in service provision and service integration to prioritise 3-4 communities/areas



## Phase 2: Place-based planning, implementation and evaluation (July 2022 - April 2024)

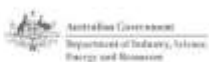
Work collaboratively with communities identified in phase 1 to co-design health service improvements

Design and pilot implementation of new models of care with strong process evaluation.

Monitor in terms of quality of care, efficiency, service provider and consumer satisfaction, and process acceptability and sustainability.

Share learnings and explore scalability across Northern Australia.

For more information contact the Project Manager: [northausthealth@jcu.edu.au](mailto:northausthealth@jcu.edu.au)



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