

## Mapping Queensland's Health Research Digital Ecosystem

Digital health is increasingly recognised around the world as the backbone of optimal health care delivery, opening new ways to deliver care to more people, more efficiently. Strong digital ecosystems that allow safe and appropriate data sharing between clinicians, patients, researchers, and health administrators support better health care, research translation, and financial and operating performance.

### Health Research Digital Ecosystem Capability Statement

A partnership between Health Translation Queensland (HTQ), Queensland Health, CSIRO's Australian eHealth Research Centre (AEHRC) and The University of Queensland's Queensland Digital Health Centre (QDHeC) has mapped the current health research digital ecosystem in Queensland.

The Health Research Digital Ecosystem Capability Statement (statement) enables stakeholders to understand how they can navigate the digital ecosystem to share and access relevant research materials to improve health care for Queenslanders. This will drive health care value by supporting collaboration and data sharing between health and research organisations.

The statement also supports future planning, enabling the strengths, needs and investment opportunities in Queensland's health and medical research to be identified, prioritised, and implemented more effectively.

The blueprint is about creating a learning health system which systematically integrates internal data, experience, external evidence, and puts knowledge into practice. To facilitate such a learning health care system some concrete short to medium-term actions have been recommended across the 4 digital health enablers: people, processes, information and technology.



### Queensland's strengths

Queensland has the largest digitally integrated health care delivery system in Australia. The integrated electronic medical record (ieMR) system is used in Queensland Health (QH) digital hospital sites, covering approximately 48% of all acute inpatient beds. As identified in QH's Digital Health 2031 vision, digital technology serves as a fundamental enabler for the health system.

### Project background and team

HTQ is leading the Health Research Digital Ecosystem project, which leveraged the digital talent and unique capabilities of the digital health ecosystem in Queensland, including its statewide ieMR.

The project built on Queensland Health's existing work ([Unleashing the potential: an open and equitable health system report](#)), and that of the key digital health research groups active within the HTQ partnership.

### More information

- Read the full [Health Research Digital Ecosystem Capability Statement](#)
- Watch the [video explainer](#) developed by Queensland University of Technology's School of Creative Practice
- Visit HTQ's news page [www.healthtranslationqld.org.au/news-events/digital-ecosystem-mapping](http://www.healthtranslationqld.org.au/news-events/digital-ecosystem-mapping)
- Contact HTQ at [hello@healthtranslationqld.org.au](mailto:hello@healthtranslationqld.org.au)