

2024 Data Linkage Symposium

Linking primary and acute care data to inform
and transform health service delivery

Welcome to the Data Linkage Symposium 2024

2024 Queensland Health Data Linkage Symposium



Acknowledgement of Country



Queensland Health acknowledges the Traditional Custodians of the many lands and waters upon which we work and live, paying particular respect to the Turrbal and Jagera peoples of Meanjin upon which our Charlotte Street office is based. We recognise that this land has always been under First Nations custodianship. We pay our respects to Elders past and present, and to future community leaders.

2024 Data Linkage Symposium

Linking primary and acute care data to inform
and transform health service delivery

Symposium opening

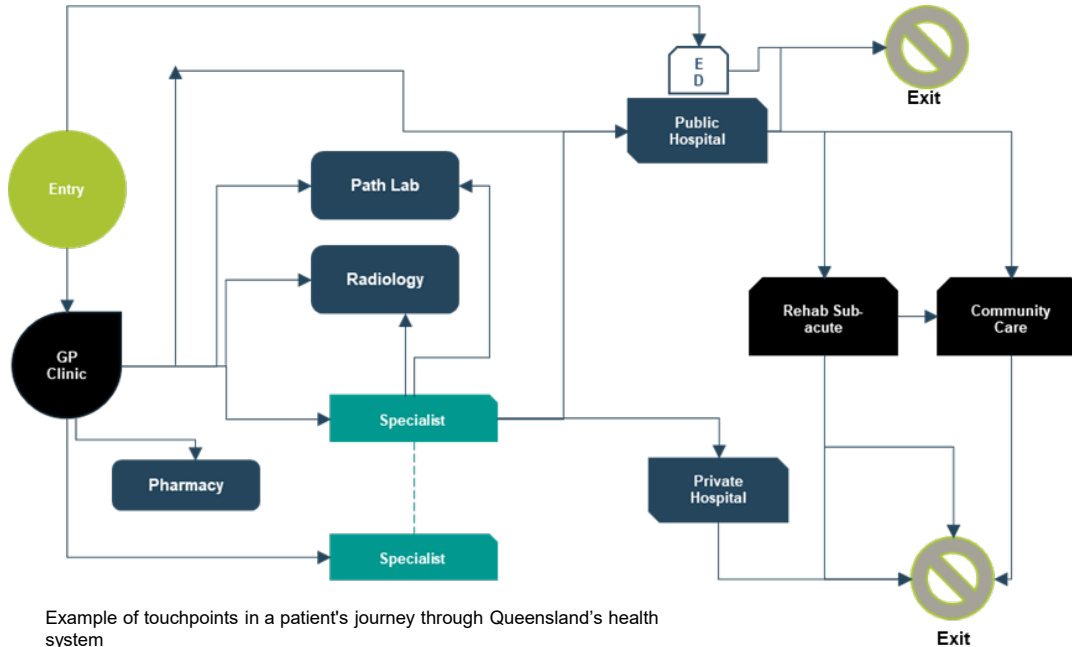
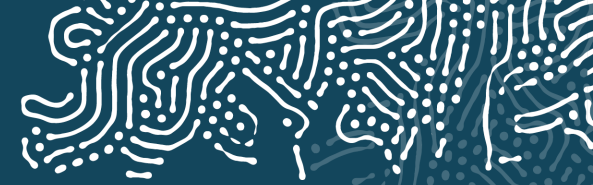
Professor Elizabeth Whiting
Program Lead, Reform Office Queensland Health

Why linkage of primary and acute care data is important

Being able to deliver **coordinated care** is complicated by the complex ecosystem of service providers involved.

This makes delivering coordinated care difficult for **service providers** and it makes navigating health services difficult for **consumers**.

Why linkage of primary and acute care data is important



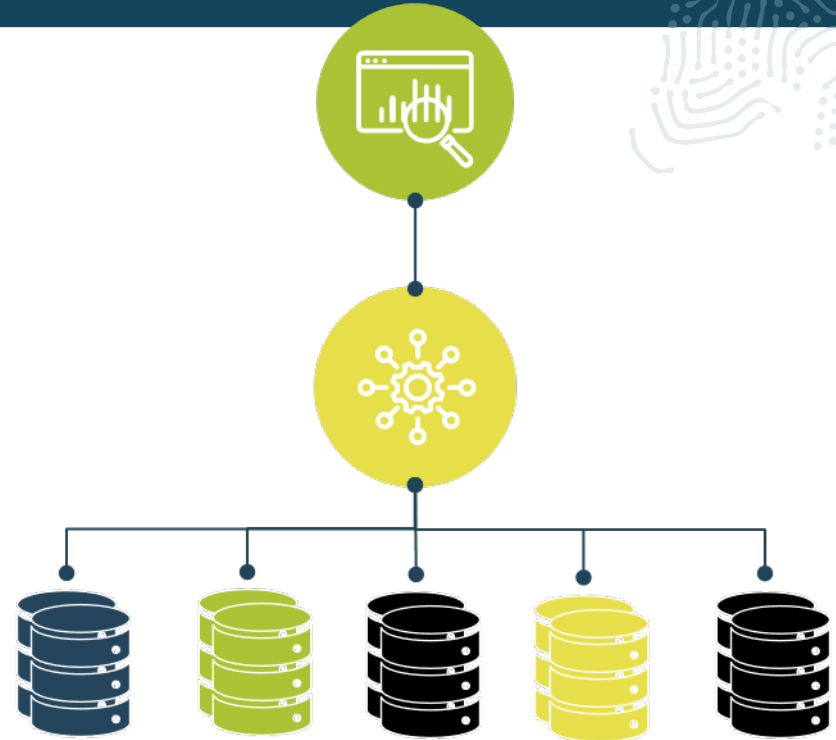
Data linkage allows us to expand our understanding of the **impact of services across the system** and to **understand the health of patients more holistically.**

Example of touchpoints in a patient's journey through Queensland's health system

Why linkage of primary and acute care data is important

While much health data is **linked** and used as an **evidence base**, linkage of primary and acute care is **not currently done systematically** in Australia. This is an important gap for us to fill.

This is why the **National Primary and Acute Care Data Linkage Project** has been initiated.



Why linkage of primary and acute care data is important

The National Primary and Acute Care Linked Data Asset **will:**



help to **coordinate care** to reduce demand on individual parts of the system.



provide an **evidence base** to deliver improvements in **service design, treatment guideline and decision support** and advancements in treatments.



provide information to support **integrated care** to improve services for patients



Why linkage of primary and acute care data is important



The National Primary and Acute Care Data Linkage Project in Queensland is:



Why linkage of primary and acute care data is important

What we've heard:

General Practitioner

“

I would like to be able to show how my patient's status and my patient population compares with the local and state benchmarks.

”

“

We will be able to demonstrate what is being done in primary care that is having an impact. At the moment it is deficit-based but we can change that to see the way things are being done that are improving the system and let us focus on doing that more.

”

“

'...once we connect primary and acute care data, we can fine-tune the algorithms and target the intervention that works for particular cohorts and to those at risk. We can demonstrate that when you put targeted insights to GPs and Nurses in primary care, they can put that to use

”

Queensland Health

“

We can understand if patients are seeing their GP after they are discharged from hospital and what impact this has. For example, we can understand who benefits from seeing a GP within 24 hours vs 2 weeks vs 6 months and refine the discharge plan depending on patient risk. We can't do this kind of thing at the moment

”

Aboriginal and Torres Strait Islander Community Controlled Health Organisation

“

We would like to leverage data to show gaps in First Nations services and advocate for appropriate funding in response to health deficits.

”

How linkage of primary and acute care data supports joint health reform



One Health System

It will enable the ongoing design and evaluation of **innovative models of care**, connecting across the care continuum.



People Focused

Enables **joint regional planning** across primary and acute care to support funding and delivery of services to **meet community need** along their whole health journey.



First Nations First

With a central focus on upholding **Indigenous Data Sovereignty (IDS)** principles, it supports the Australian and Queensland Governments' commitment to **the National Agreement on Closing the Gap Priority Reforms**.













Commitment to Partnerships

Linking primary and acute care data is fundamental in progressing the **Queensland Data Linkage and Data Sharing Vision and Strategic Roadmap**, recently endorsed by the Queensland - Commonwealth Partnership



Symposium agenda



01	 Symposium Opening	Why linking primary and acute care data is important
02	 NSW Lumos Project	how linked primary and acute care data is used to inform delivery of coordinated care.
03	 The Care Collective	Building linkage into evaluation of care models.
04	 The PHASES Project	Preventing Heart Attacks and Stroke Events through Surveillance
05	 The RAUGH data linkage & DIFFERENCE Projects	The Institute for Urban Indigenous Health (UIH), Data Linkage partnership
06	 Public Health Intelligence	Data linkage initiatives under development to support Public Health Intelligence in Queensland
07	 National Primary and Acute Care Data Linkage Project	Queensland's design phase.
08	 Maximising Privacy in Linkage	Privacy Preserving Record Linkage (PPRL), the Separation Principle and using linkage spines and maps
09	 Co-designing data Governance	Involving key stakeholders in codesign of data governance.
10	 Symposium close	Thank you for joining us