

DATA LINKAGE

SYMPOSIUM

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Client Services, Statistical Analysis and Linkage Unit (SALU)

The Client Services Team

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Client Services, Statistical Analysis and Linkage Unit (SALU)

Our Role

The Client Services Team supports clients to access the data they need for decision making and research.

Client Services, Statistical Analysis and Linkage Unit (SALU)

What we do

- Liaise with internal and external clients of Queensland Health who wish to access linked data and linkage services.
- Provide information to clients so they can make decisions about what is most suitable for their project.
- Provide advice about approval requirements in the Statistical Services Branch (SSB).

Why contact Client Services?

Reasons clients contact us include:

- A request from Queensland Health staff involving linked data for the purpose of evaluation, monitoring an/or planning health services.
- A new research project (including consent and PHA applications) using SSB data and linkage services.
- Feasibility of a proposed linkage.
- Questions about data availability in SSB.
- Questions about linkage services in SSB.

I would like to request linked data, what happens next?

If you submit a request to Client Services for SSB data and linkage, regardless of the type of request (research, QH), you will need to:

- Define what data items you want
- Be specific – Example, not just ‘Clinical information’ but the specific name of the data item, (Principal diagnosis, Other Diagnoses).
- Be prepared for questions and feedback from Client Services staff. This is normal. We do not expect clients to have a thorough knowledge of SSB data collections.
- Please read the advice we provide to you carefully including any hyperlinks to further information.

Public Health Act (PHA) Applications, Client Services and Researchers

Client Services will . . .

- Provide advice to researchers who request SSB and/or linked data in their PHA.
- review the draft PHA application
- provide feedback and advise about data availability and linkage feasibility
- pass the PHA onto the Data Custodian in SSB.

Public Health Act (PHA) Applications, Client Services and Researchers

Client Services asks that the researcher . . .

- Considers advice about data availability and linkage feasibility.
- Makes decisions about what is suitable for their project.
- Liaises with other QH Data Custodians or any outside of QH.
- Submits their ethics approval and completed PHA application (signed by all QH Data Custodians) to [HIIRO](#).
- Please email the grant letter to all the relevant Data Custodians including HSBresearch@health.qld.gov.au.

Common questions

How long will this process take?

- It may take six months or more to gain approval (depending on the complexity of your request and workload of SALU and other data custodians). For more information see '[How long will this research request take?](#)'

How much will this cost?

- There is *no charge* for the extraction or linkage of data in SALU.

How do I apply for data?

- If you would like more information about using data from the Statistical Services Branch for research purposes, please see <https://www.health.qld.gov.au/hsu/research>.

Data Collections in SSB

- Queensland Hospital Admitted Patient Data Collection (QHAPDC)
- Perinatal Data Collection (PDC)
- Queensland Health Non- Admitted Patient Data Collection (QHNAPDC)
- Death Registrations from the (Qld) Registry of Births, Deaths and Marriages
- Cause of Death Unit Record File from the Australian Coordinating Registry

For more information

Commonly Requested Data Sets <https://www.health.qld.gov.au/hsu/crdi>

What collections can be linked?

Datasets can be linked if:

- Relevant identifiers are available
- With Data Custodian approval

For more information

The list of datasets currently in the Master Linkage File -
<https://www.health.qld.gov.au/hsu/link/datasets>

How to provide data to SSB for linkage

https://www.health.qld.gov.au/data/assets/pdf_file/0036/881685/datafor mat.pdf

Data linkage resources

- Data collections available for linkage
<https://www.health.qld.gov.au/hsu/link/datasets>
- Commonly requested data sets
<https://www.health.qld.gov.au/hsu/crdi>
- Data Linkage Training resources
<https://www.health.qld.gov.au/hsu/link/training/data-linkage-training-resources>

Research application resources

- PHA approval process in SSB
<https://www.health.qld.gov.au/hsu/pha>
- Queensland Health Data Custodians list
https://www.health.qld.gov.au/data/assets/pdf_file/0034/843199/data_custodian_list.pdf
- Health Innovation, Investment and Research Office (HIIRO)
https://www.health.qld.gov.au/hiiro/html/regu/aces_conf_hth_info

Statistical Services Branch (SSB)

SSB has lots of information available on our website:

<https://www.health.qld.gov.au/hsu>

Statistical Services Branch

The Statistical Services Branch (SSB) collects, processes, analyses and disseminates statistical information for the use of health services. The branch develops statistical standards with Queensland Health Data Dictionary (QHDD) and plays a role in ensuring data quality in major corporate

Data Collections	Requesting Data
<ul style="list-style-type: none">• Financial and Residential Activity Collection (FRAC)• Monthly Activity Collection (MAC)• Perinatal Data Collection (PDC)• Queensland Hospital Admitted Patient Data Collection (QHAPDC)• Queensland Health Non-Admitted Patient Data Collection (QHNAPDC)• Data Quality Statement	<ul style="list-style-type: none">• How to access SSB data• Research requests• PHA approval process in SSB• PHA tips from SSB• Commonly requested data items• Patient consent and SSB data• How long will this research request take?• How do I submit an update to my approved PHA? (PDF, 42KB)• How to provide data to SSB for linkage (PDF, 68KB)

Contact Client Services in the Statistical Analysis and Linkage Team (SALU)

- Email HSBresearch@health.qld.gov.au



- 1:30** **Linkage for ongoing monitoring and reporting about Queensland COVID cases**
Catherine Taylor, Principal Linkage Officer and Dr Dale Steinhardt, Senior Linkage Officer, Statistical Analysis and Linkage Unit, Statistical Services Branch, Queensland Health
- 1:45** **Pre-hospital retrieval pathways and processes for road trauma patients**
Dr Robert Andrews, Senior Research Fellow, School of Information Systems, Queensland University of Technology
- 2:10** **RN4Cast project: Evaluation of the impact of Nurse to Patient Ratio increases in Queensland hospitals**
Distinguished Professor Patsy Yates, Executive Dean, Faculty of Health and Director, Centre for Healthcare Transformation, Queensland University of Technology
- 2:35** **ATHENA COVID-19 Study**
Professor Kim Greaves, Director of Cardiac Research and Consultant Cardiologist, Sunshine Coast University Hospital, Queensland Health
- 3:00** **Symposium close**