



Australian health libraries' contributions to hospital accreditation and the National Safety and Quality Health Services (NSQHS) Standards: results of the Health Libraries for National Standards (HeLiNS) research project

Project team

Ann Ritchie - Convenor, ALIA/Health Libraries Australia

Michele Gaca - President, Health Libraries Inc.

Gemma Siemensma - Study 1

Jeremy Taylor - Study 2

Cecily Gilbert - Project Officer





Outline

1. What is the **HeLiNS** research project?
2. Results
3. Next steps



HeLiNS

Health Libraries for the National Standards

ALIA research grant 2016 awarded to:

- Health Libraries Australia
- Health Libraries Inc.

Purpose: to explore and record the contribution that health libraries make to the achievement of hospital accreditation.



HeLiNS Project Team

- Project Coordinators: Ann Ritchie & Michele Gaca
- Study 1 Leader: Gemma Siemensma
- Study 2 Leader: Jeremy Taylor
- Project Officer: Cecily Gilbert

National Reference Group

- 13 members representing all states & territories



Objectives

1. **Explore** ways in which health libraries assist their organisations in achieving accreditation
2. **Design** expert searches that will assist organisations in keeping current with the latest research-based literature (evidence) pertinent to the NSQHS Standards
3. **Assess** the availability of resource materials referenced in NSQHS Standards documentation



Australian health library landscape 2016

1322 hospitals Australia-wide¹

- 698 public / 624 private
- 6 states / 2 territories

328 health libraries (95 in hospitals)²

- Metropolitan – regional – rural
- Size: L, M, S

1250 health library workforce²

1. AIHW 2015
2. ALIA HLA Census 2014



Standard 1:
Governance for
Safety and Quality in
Health Service Organisations



Standard 2:
Partnering with Consumers



Standard 3:
Preventing and Controlling
Healthcare Associated Infections



Standard 4:
Medication Safety



Standard 5:
Patient Identification and
Procedure Matching



National Safety & Quality Health Services



Standard 6:
Clinical Handover



Standard 7:
Blood and Blood Products



Standard 8:
Preventing and Managing
Pressure Injuries



Standard 9:
Recognising and Responding to
Clinical Deterioration in
Acute Health Care



Standard 10:
Preventing Falls and
Harm from Falls



Methods

Two component studies:

Study 1

- Survey of hospital library services asking how they contribute to their hospitals' accreditation.
- In-depth case studies (interviews) to explore some of the notable examples

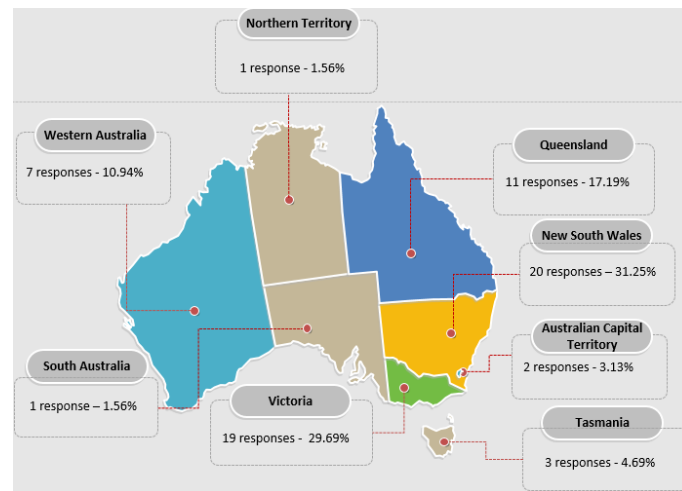
Study 2

- Assessment of availability of resource materials referenced in NSQHS Standards documentation
- Designing of live literature search strategies across a range of NSQHS standards



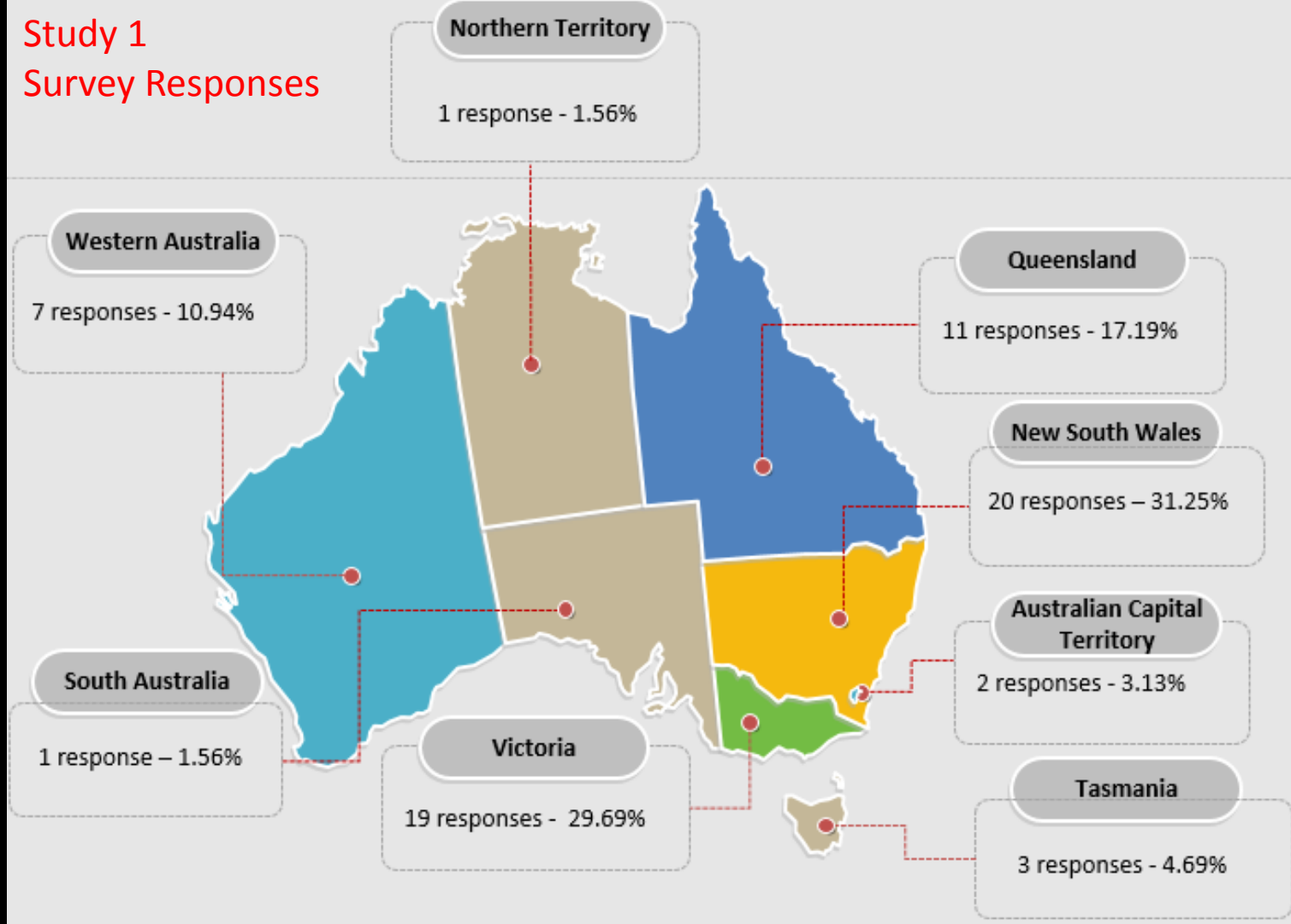
Study 1: results

- 67.37% response rate (64 of a possible 95¹)
- All states represented
- Metropolitan (63%), regional (32%), rural (5%)



Study 1

Survey Responses





Activities supporting Standards

Traditional library services

- Lit searches (n=25)
- Collection management (n=20)
- Training (n=19)
- Doc Del (n=19)
- Alerts (n=16)

Multiple mentions

- Research support
- Reference
- LibGuides
- Dedicated subject guides for each standard
- Evidence summaries



8 detailed case studies

Case Study	Relevant Standard/s	Organisation	Key words
Austin Health Research Online (AHRO)	1	Austin Health, VIC	Clinical Governance, Information Services, Publications, Research Report
Health Literacy Champions Program	2	Barwon Health, VIC	Health Literacy, Consumer Health Information, Patient Participation
Health Literacy in Children's Health	2	Redland Hospital, QLD	Consumer Health Information, Health Literacy
Medicines Information Resources - Library & Pharmacy collaboration.	4	Ballarat Health Services, VIC	Drug Information Services, Medication Errors, Library Collection Development
Antimicrobials Guideline	1,4	Northern Territory Health	Medication Errors, Patient Safety, Clinical Governance
Search filters in the CINAHL and JBI databases	1, 2, 3, 4, 8, 10	Cabrini Health, VIC	Databases, Bibliographic, Information Seeking Behavior, Information Services, Librarians
Twilight Talks: engaging health consumers with public lectures	2	Toowoomba Hospital, QLD	Health Literacy, Consumer Health Information
Words for Wellbeing	2	Ipswich Hospital, QLD	Bibliotherapy, Consumer Health Information



Study 2: Methodology

Library Services were asked to indicate if the 322 resources which were referenced in the NSQHS Standards documentation were accessible to staff via the library's collection.

Population = 95 hospital libraries in Australia¹

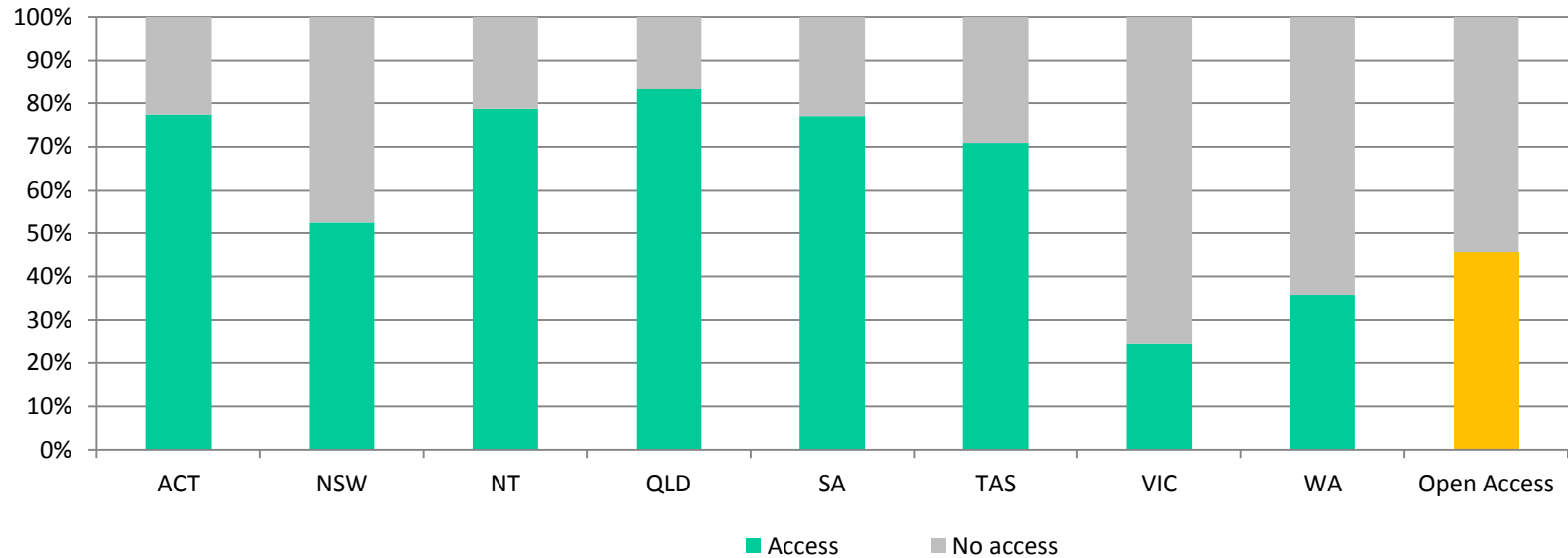
Sample stratified proportionately within 8 states/territories by size (S,M,L) and location (metro/rural/regional):

→ 54 libraries invited to participate

→ 32 responded, approx = 60% RR

¹ HLA Census 2014

Study 2: results

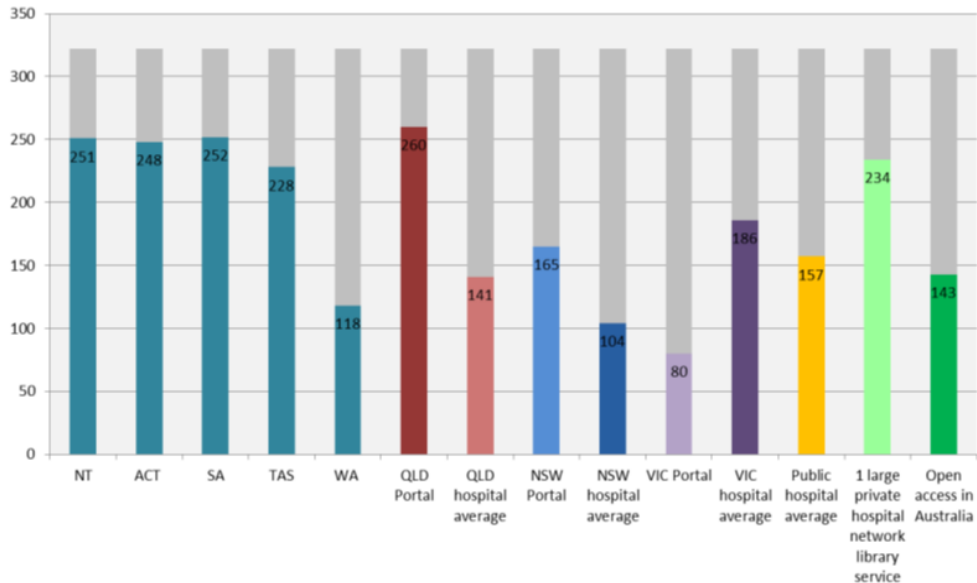


State-wide portals provide between 25% and 80% of references

Less than 50% references are available on OA (Cochrane is the only nationally subscribed resource; may be some overlap with OA data)

Comparison of models: national and state


322 listed citations in NSQHS document references:
No. of citations available from state-provided information portals,
and average no. of citations from library subscriptions



Note:
NT, ACT, SA, TAS have single library services that provide services statewide.
Library and state portal access does not exclude open access. In some cases citations within paid subscriptions are also available open access.

The research did not analyse:

- Portal's purpose and collection policies
- Cost per clinician
- Performance
- Library services eg. doc del



Live Search Strategies

Topics

- Advance care planning
- Blood management
- Clinical handover
- Delirium
- Deteriorating patient
- Falls prevention
- Infection prevention
- Medication Safety
- Partnering with consumers
- Pressure injures
- Wound management



NSQHS Standards - Live Literature Searches

ADVANCE CARE PLANNING

[PubMed Base Search](#)

This is a targeted search for references about advance care planning in a hospital setting, in English, for the last 5 years.

More Options

More searching options (including reviews and Australian context) are available [here](#).

BLOOD MANAGEMENT

[PubMed Base Search](#)

This is a targeted search for references about blood management in a hospital setting, in English, for the last 5 years.

More Options

More searching options (including reviews and Australian context) are available [here](#).

CLINICAL HANDOVER

[PubMed Base Search](#)

This is a targeted search for references about clinical handover in a hospital setting, in English, for the last 5 years.

More Options

More searching options (including reviews and Australian context) are available [here](#).

DELIRIUM

[PubMed Base Search](#)

This is a targeted search for references about delirium health care in a hospital setting, in English, for the last 5 years.

More Options

More searching options (including reviews and Australian context) are available [here](#).

DETERIORATING PATIENT

[PubMed Base Search](#)

This is a targeted search for references about the deteriorating patient in a hospital setting, in English, for

FALLS PREVENTION

[PubMed Base Search](#)

This is a targeted search for references about falls prevention in a hospital setting, in English, for the last 5



Advance Care Planning: More Searching Options

Last 12 Months Only

[Search here](#) for the targeted set of references in English, in a hospital setting, from the last 12 months only.

Broad Search

[Search here](#) for a more extensive set of references on the general topic of Advance Care Planning. *(Note: not limited by language, date or setting.)*

Australian Context

[Search here](#) to limit results to those in an Australian context. *(Note: this is the more specific search, limited to an Australian context. Not limited by date.)*

Guidelines

[Search here](#) for references for guidelines on Advance Care Planning. *(Note: this is the broad search, limited to guidelines. Not limited by date.)*

Quality Improvement

[Search here](#) for references about Advance Care Planning with a focus on health service quality improvement. *(Note: this is the more specific search, limited to a quality improvement focus. Not limited by date.)*

Reviews

[Search here](#) to limit results to Advance Care Planning studies that are reviews. *(Note: this is the more specific search, limited to reviews. Not limited by date.)*

NEWS >

EVENTS >

HOW TO JOIN >



Next steps

- Talking with **ACSQHC** to get live search strategies on their **website**
- **Develop** more live search topics
- **Maintain** live search topics into the future
- Make in-depth case studies available for others to use as a **peer-to-peer** tool
- Look at incorporating elements of **version 2 of the NSQHS standards** (beginning January 2019)
- **Disseminate** results of the research widely



Conclusion

- Health libraries in Australia make a **substantial contribution** to support their organisations in successfully achieving accreditation.
- Health libraries are **integral to hospital quality and safety**, but it's not a level playing field.
- Hospitals **without a health library** may be at a **disadvantage** when undergoing NSQHS accreditation.



Acknowledgements

The Project team thanks **ALIA** for the research award, **HLA** and **HLI** for contributing funds, the members of the **Reference Group** for their expert advice, and **Sarah Hayman** for leading the development of the ‘live’ tested search strategies.