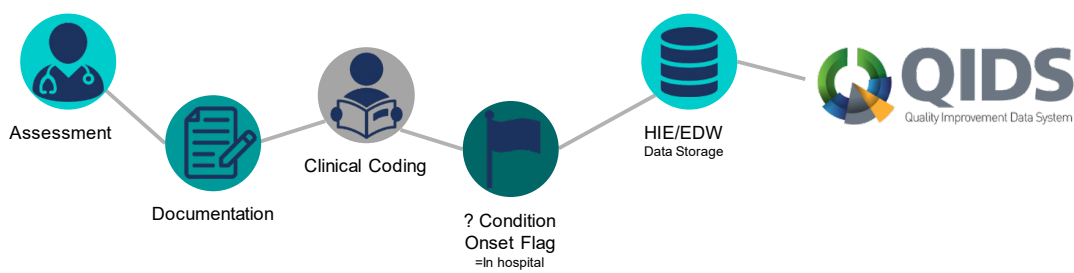# Using QIDs to monitor Pressure Injuries
-Quickstart Guide-

Background

The Clinical Excellent Commission provides an analytics platform called the 'Quality Improvement Data System' (QIDS) that allows you to monitor and benchmark pressure injury data collated from coded patient medical records. The medical record coding process is shown below.

The medical record coding process is dependent on **clear documentation** of the pressure injury in the medical notes so that stage and location can be assigned via a specific ICD-10 diagnosis code. Pressure injury codes fall under the 'L89' diagnosis with additional detail assigned to the coding hierarchy as shown below. For example a code of L89.23 would be a Stage III pressure injury located on the upper back.

L89 – Pressure Injuries	
L89.0 – Pressure Injury, Stage I	LXX.X0 – Unspecified Site
L89.1 – Pressure Injury, Stage II	LXX.X1 – Head
L89.2 – Pressure Injury, Stage III	LXX.X2 – Upper Extremity
L89.3 – Pressure Injury, Stage IV	LXX.X3 – Upper Back
L89.4 – Pressure Injury, Unstageable	LXX.X4 – Lower Back
L89.5 – Suspected Deep Tissue Injury	LXX.X5 – Ischium
L89.9 – Pressure Injury, Unspecified Stage	LXX.X6 – Trochanter
	LXX.X7 – Heel
	LXX.X8 – Toe
	LXX.X9 – Other Lower Extremity

Additionally medical record coders assign a '**condition onset flag**' to determine whether the diagnosis occurred during the episode of care (hospital acquired) or prior to the episode of care. This onset flag allows us to determine the volume and rate of hospital acquired complications (HACs) including pressure injuries.

The medical record coding process can sometimes take up to 8 weeks following a patient's discharge from hospital. Therefore there is a 'coding delay' for when is data available for facilities and LHDs to use for analysis. Generally, when analysing data reliant on medical record coding, ensure you **exclude data from the previous 2 months**.

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QIDs Pressure Injury Reports

There are a number of reports available in QIDs that will provide information regarding pressure injuries. Some reports allow you to select between HAC Pressure Injuries and community acquired. Others allow you to add additional clinical condition filters (e.g. diabetes). Charts are generally available as trended lines (over time using statistical process control) or snapshot (point in time) bar charts. All charts can be viewed as volume or rate based.

Report Type	Report Number	Report Name	HAC PI	Community Acquired PI	Other Clinical Condition Filters	Multiple locations (LHD, facility etc)	Peer Facility/NSW Benchmarking	Demographic Filters
Trend Reports	64	HIE Pressure injury Trend Report (All ICD10)	✓	✓			✓	✓
Trend Reports	67	HIE Pressure Injury Trend Report (HAC)	✓				✓	✓
Trend Reports	40	HIE HAC 1-14 Trend Report	✓				✓	✓
Trend Reports	101	HIE Condition Trend Report	✓	✓	✓		✓	✓
Single Location Reports	63	HIE Pressure Injury by Location (all ICD10)	✓	✓			✓	✓
Single Location Reports	66	HIE Pressure Injury by Location (HAC)	✓				✓	✓
Single Location Reports	38	HIE HAC 1-14 by Location	✓				✓	✓
Single Location Reports	39	HIE HAC 1-14 by Type	✓				✓	✓
Single Location Reports	125	HAC 1-14 by Type Comparison					✓	
Multiple Location Reports	98	HIE Pressure Injury By Multiple Locations (HAC)	✓			✓		✓
Multiple Location Reports	99	HIE Pressure Injury By Multiple Locations (All ICD10)	✓	✓		✓		✓
Multiple Location Reports	120	HIE Conditions Report By Multiple Locations	✓	✓	✓	✓		✓
Multiple Location Reports	80	HIE HAC 1-14 by Multiple Locations	✓			✓		✓
Multiple Location Reports	42	HIE HAC 1-14 Funnel Plots	✓			✓		

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Accessing QIDs

Access to QIDs is available via a local approval process. Enquires can generally be directed to Clinical Governance Units
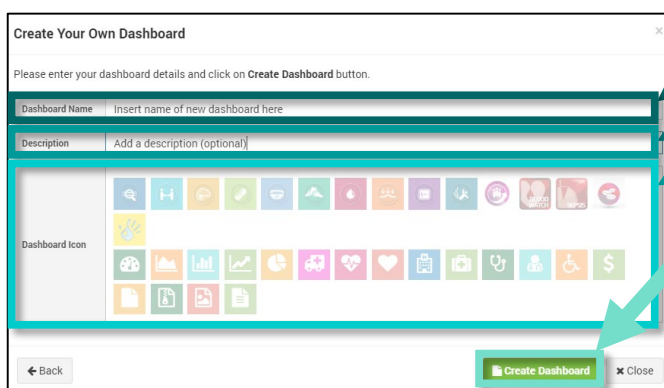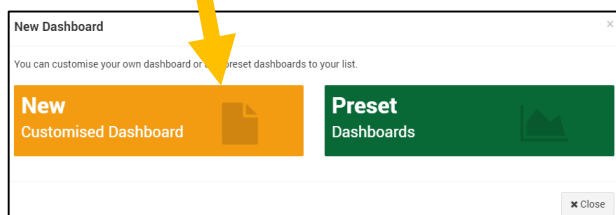
Creating a QIDs dashboard

Specific reports can be created within a dashboard. You can create as many dashboards as you like and each dashboard can contain as many reports as you like (though loading large dashboards will take more time).

1. From the QIDS landing page go to 'My Dashboards'

2. Click '+' - create new dashboard
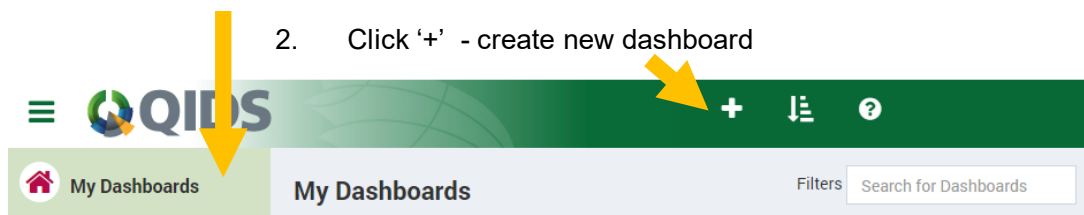
3. Click on 'New Customised Dashboard'

4. Enter the **name** of your new dashboard

5. Add a **description** (optional)

6. Choose an **icon** (optional)

7. Click 'Create Dashboard'

8. Click 'Click here to customize this dashboard'

9. Add a **new report** to the dashboard by clicking the '+ icon on the page or menu

OR
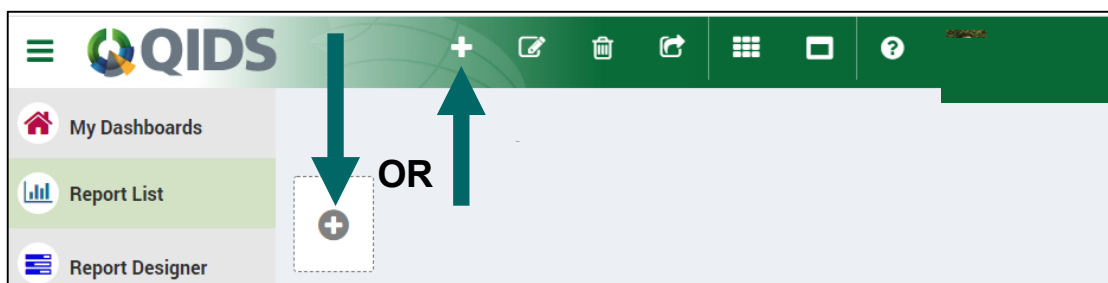
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Adding a trended QIDs Report to your dashboard

Once you have created your dashboard (see previous) you can add any report to it. While this guide shows how to add a Pressure Injury Report you can also add many other reports depending on what you wish to look at.

10. Scroll down to 'Pressure Injury Reports', 'HAC Reports' or 'Condition Reports'. See page 2 for recommended reports

11. Click on your selected report.

12. Click '+Add this report to my dashboard'

13. Customise your trended report
  - • Location (facility or LHD)
  - • SRG – if you have a particular specialty you want to focus on
  - • View by – specify time period (monthly, quarterly., yearly etc)
  - • Date range
  - • Count by – select count (volume) or by rate (recommend per 1,000 separations)
  - • Complication – select pressure injury
  - • Diagnosis/specific diagnosis – use these fields to drill down further into pressure injury types
  - • Demographic filters as required

14. Click 'Generate Report'

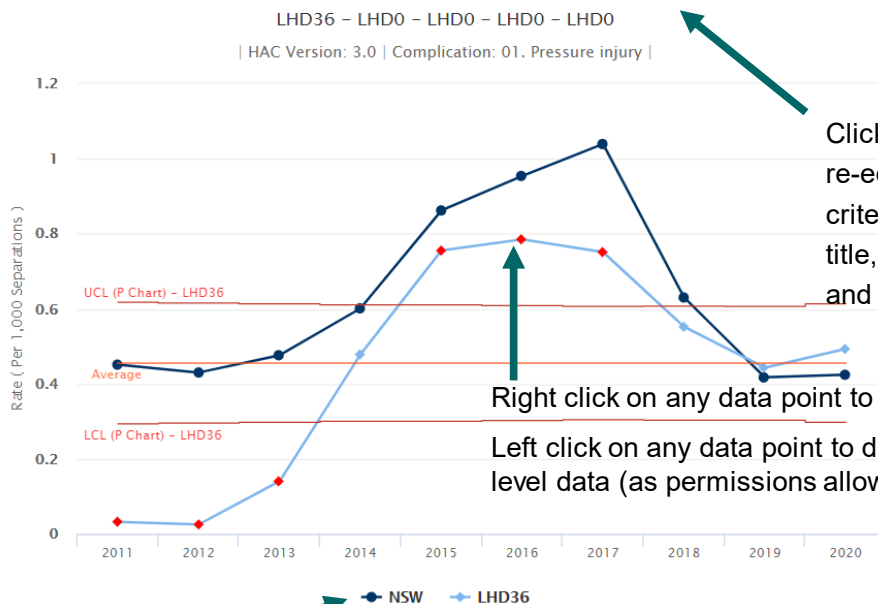# Using QIDs to monitor Pressure Injuries
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Manipulating a trended QIDs Chart

Once you have created your chart you can manipulate it and drill down into additional details.

Click on the download icon to download a copy of the chart in word or pdf

Click on the tools icon to re-edit your report criteria, change the chart title, add section breaks and more

Right click on any data point to add an annotation

Left click on any data point to drill down to patient level data (as permissions allow)

Click on legend labels to hide or unhide each line

From within the 'tools' menu of the QIDs report you can change several parameters in your chart

Click on 'build report' to change your report parameters

Click on 'edit chart' to change the chart appearance

Click on 'data table' to view/download the chart data points

Rename your chart here

Add automatic stage breaks to trended charts

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Adding a benchmark (bar chart) QIDs Report to your dashboard

A single location or multiple location (also known as benchmark) chart allows you to see a 'snapshot' in time result compared to other facilities and LHDs for specific criteria you set. This can be useful for determining areas where improvement may be required.

15. Scroll down to 'Pressure Injury Reports', 'HAC Reports' or 'Condition Reports'. See page 2 for recommended reports. Single location and multiple location reports are bar charts

16. Click on your selected report.
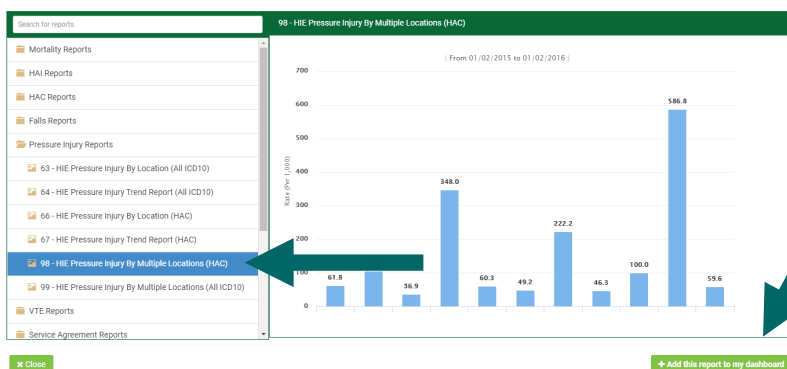
17. Click '+Add this report to my dashboard'

18. Customise your benchmark report. Note, **available selection options will change depending on the report you have selected**

- Compare by: (facility or LHD)
- Location" (select facilities or LHDs)
- SRG: If you have specialties you wish to focus on

- Outcome category (if available): choose HAC, readmissions or other diagnosis
- Outcome options: select details of previous question

- Diagnosis and procedures: Select specific diagnosis or procedures relevant to your query

- DRG: Select Major diagnostic groups (MDG) and Diagnosis Related Group (DRG) if desired

- Group: Select demographic and administrative data if required

- Date range (select start and end dates)
- Report by – select count (volume) or by rate (recommend per 1,000 separations)
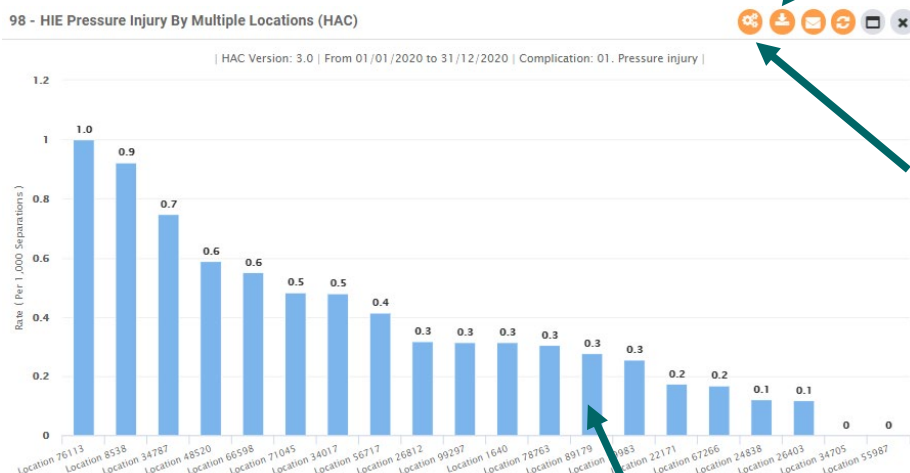
19. Click 'Generate Report'

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Manipulating a QIDs benchmark Chart

Once you have created your chart you can manipulate it and drill down into additional details.

Click on the download icon to download a copy of the chart in word or pdf

Click on the tools icon to re-edit your report criteria, change the chart title, view/download the data table and more

Left click on any data point to drill down to patient level data (as permissions allow)

From within the 'tools' menu of the QIDs report you can change several parameters in your chart

Click on 'build report' to change your report parameters

Click on 'edit chart' to change the chart appearance

Click on 'data table' to view/download the chart data points

Rename your chart here

Add error bars and standard deviation bands