

Tutorial 1: Introduction to A-HED

Scenarios covered:

- I have 1 minute – what are our strengths and where can we improve?
- I want to know if our performance drops below 80% on this KPI.

Welcome to Australasian Healthcare Evaluation Data (A-HED). This document will give you an introduction to using this online analytics solution and some preliminary ways of drilling into the data.

Once you logged in you are presented with the four domains in colour code, Patient Safety, Operational Efficiency, Clinical Quality and Financial Opportunity.



If a domain appears in green it means that your hospital is in the top 10%, red means the bottom 10% and yellow for all in between.

You can hit on one of the domains to bring up key indicators that your hospital is performing well on compared to others and those with potential for improvement.



(Click on indicator for full comparison to other hospitals)

Operational Efficiency					Potential for Improvement				
Indicator	Period	Hospital	Peer	Trend	Indicator	Period	Hospital	Peer	Trend
2.1.2. Prescription of Medication/Prescription Refill Rate Over 72 Days	June 2013 - May 2014	0.02	0.03	→→→→	2.3.1. Cost Of Inpatient Admissions (CICAD)	June 2013 - May 2014	3.85	3.83	↘↘↘↘
2.2.1. Average Length of Stay (ALOS) Case for Ambulatory Surgery Centers	June 2013 - May 2014	5.01	0.03	↔↔↔↔	2.1.4. American League of Health Care Organizations	June 2013 - May 2014	2.80	1.85	↘↘↘↘
2.2.2. Same Day Rate of Emergency Services	June 2013 - May 2014	0.02	0.07	→→→→	2.2.2. Same Day Rate of Planned Services	June 2013 - May 2014	0.95	0.73	↘↘↘↘
2.1.2. Average Length of Stay of Emergency Services	June 2013 - May 2014	3.3	3.01	↔↔↔↔	2.1.1. Acute Care Case Mix Index (ACMI) (Weighted Health Care Utilization)	June 2013 - May 2014	86.28	88.15	↘↘↘↘
2.4.1. Same Day Reoperation Rate of Planned Services	June 2013 - May 2014	1	0.06	→→→→					

A-HED Tutorial 1: Introduction to HEDlines

Or for a list of all indicators in one spot, you can hit the link in the top right hand corner.



[HEDlines indicator list \(Australasian benchmarking only\)](#)



If you are asked to quickly explain your hospital's areas of strength and where you can improve, this is where you would come to.

[HEDlines \(Australasian benchmarking only\)](#)

HEDlines Indicator List

Search:

Segment Name	Indicator	Period	Hospital	Peer	Score	Performance	Trend
Clinical Quality	1.1.1 Standardized Mortality Ratio	June 2013 - May 2014	78.53	82.64	-0.38		
Clinical Quality	1.2.1 Emergency Readmissions Rate (28 days)	May 2013 - April 2014	0.05	0.08	-2.01		
Clinical Quality	1.3.1 Percentage of Exposed Neck of Femur (NLF) to theatre in 2 days of admission	June 2013 - May 2014	0.92	0.87	-1.18		
Operational Efficiency	2.1.1 Acute care type RB, excluding mental health (V DRGs)	June 2013 - May 2014	82.72	88.15	-1.07		
Operational Efficiency	2.1.2 Proportion of Medical/Surgical Bed Days Over 21 Days	June 2013 - May 2014	9.04	0.03	1.09		
Operational Efficiency	2.1.3 Average Length of Stay of Emergency Episodes	June 2013 - May 2014	-4.39	3.81	0.82		
Operational Efficiency	2.1.4 Average Length of Stay of Planned Episodes	June 2013 - May 2014	-1.87	1.85	0.78		

The indicators are presented with the domain name in the left hand column, the indicator name in the next column, including a link to that report, followed by the period of data collection.

HEDlines Indicator List

Search:

Segment Name	Indicator	Period	Hospital	Peer	Score	Performance	Trend
Clinical Quality	1.1.1 Standardized Mortality Ratio	June 2013 - May 2014	78.53	82.64	-0.38		
Clinical Quality	1.2.1 Emergency Readmissions Rate (28 days)	May 2013 - April 2014	0.05	0.08	-2.01		



The next 3 columns are your hospital score, the average score of your peers and a statistical Z score, showing your deviation from the average which has been set to zero.

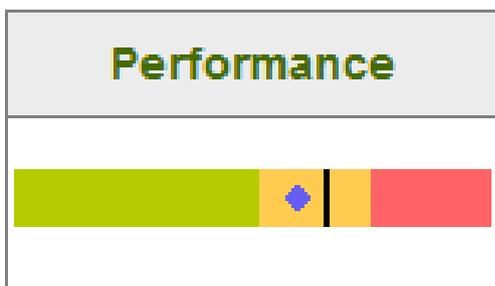
HEDlines Indicator List

Search:

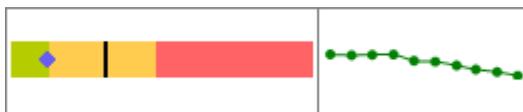
Segment Name	Indicator	Period	Hospital	Peer	Score	Performance	Trend
Clinical Quality	1.1.1. Standardized Mortality Ratio	June 2013 - May 2014	78.53	82.64	-0.38		
Clinical Quality	1.2.1. Emergency Readmissions Rate (28 days)	May 2013 - April 2014	0.05	0.00	-2.01		

The graph under “Performance” works like this:

- The blue dot represents your hospital’s score
- The black line represents the mean or average score
- The green shows where the top 25% performer’s score sit in comparison
- The red is the bottom 25%
- And the yellow is the middle 50%.



The trend tracks the movement of your hospital’s 12-month performance figure over the last year. A downward trend may be good or bad, depending on the measure. Where the green is on the left of the performance bar, a downward trend shows improvement.

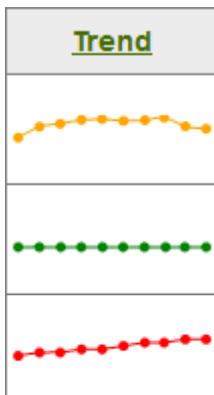


Whereas, a downward trend on this measure shows performance is worsening.

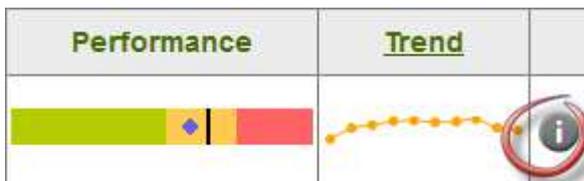




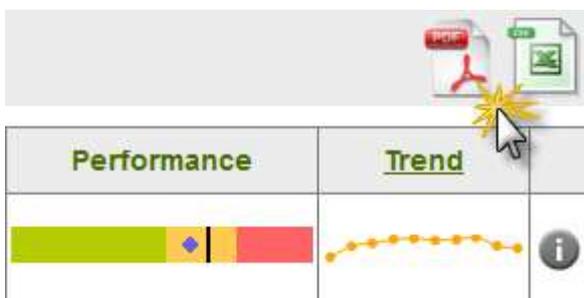
The colour of the trend line shows how your performance on the measure compares to the other hospitals. Green is good, indicating your hospital is in the top 25%, red indicates you're in the bottom 25% and yellow for in between.



The “i” icon brings up a new window with an explanation of the indicator’s statistical methodology.



All reports can be downloaded to Excel or PDF, including this page simply by hitting one of the icons to the right above the graph.

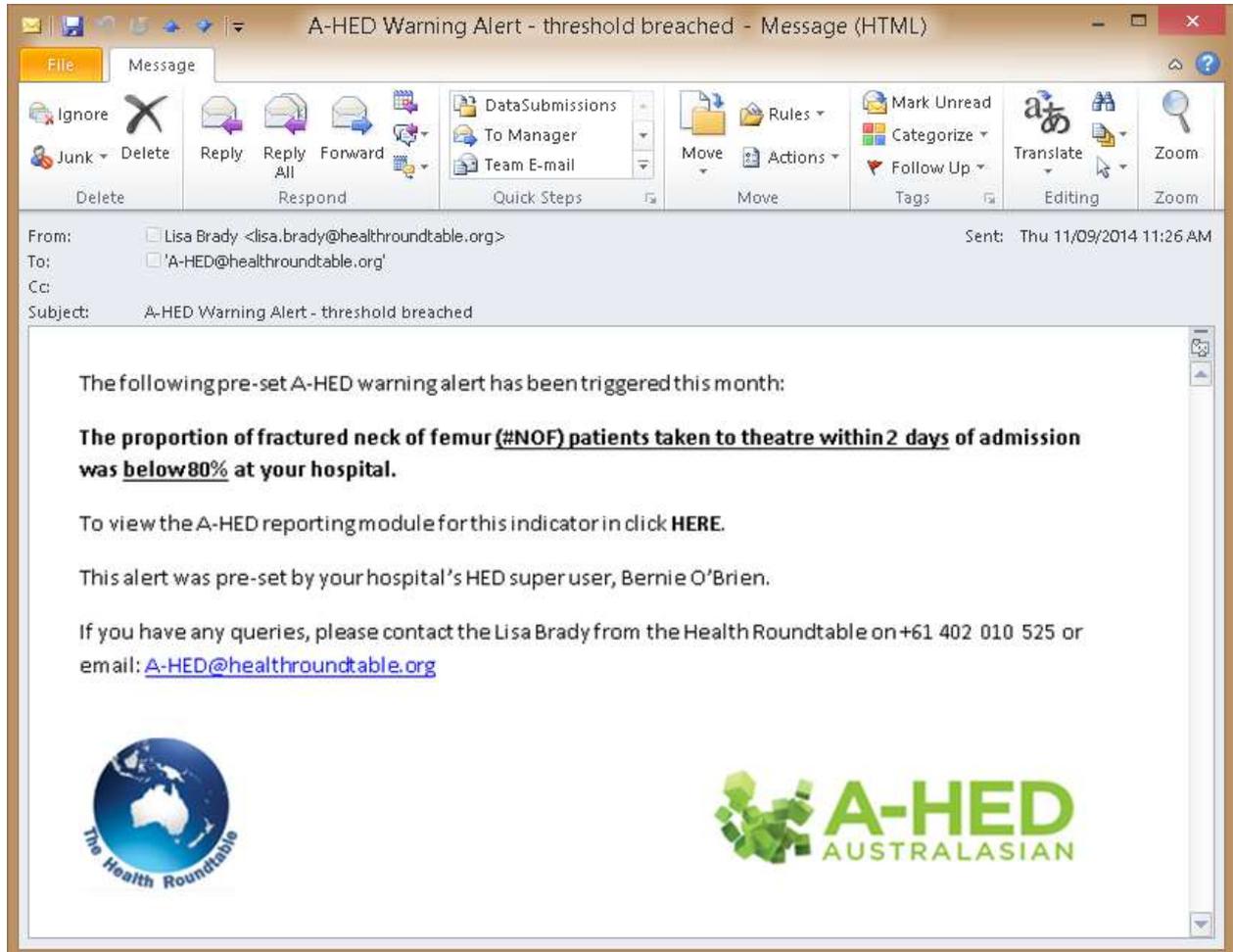


You can also hover over the “Modules” menu to bring up a list of the underlying reports available under the 4 domains.





Email alerts can be set up to let you know whenever there is significant movement. This can be done by contacting one of your hospital's super users. If you're not sure who they are, you can find them in the "A-HED 'super users' details" section of A-HED, accessed from the "Support" menu.



Please have look at the other tutorials for more information on using A-HED, including how to drill into reports for various scenarios. These can be found in the "Training & help" section of A-HED, accessed from the "Support" menu.

