

NHS Ayrshire & Arran



Meeting:	Ayrshire and Arran NHS Board
Meeting date:	Monday 28 November 2022
Title:	Healthcare Associated Infection Report
Responsible Director:	Jennifer Wilson, Nurse Director
Report Author:	Sharon Leitch, Interim Associate Nurse Director Infection Prevention and Control Alison Chandler, Business Manager Infection Prevention and Control

1. Purpose

This is presented to the Board for:

- Discussion

This paper relates to:

- Annual Operational Plan

This aligns to the following NHSScotland quality ambition(s):

- Safe

2. Report summary

2.1 Situation

This paper provides Board members with the current position against the national Healthcare Associated Infection (HCAI) Standards and update on a recent HAI outbreak and subsequent management.

2.2 Background

The Scottish Government has established national healthcare associated (HCA) infection standards. These are:

- *Clostridioides difficile* infection (CDI) - a reduction of 10% in the national rate of HCA CDI for the year ending March 2023, with 2018-19 used as the baseline.
- *Staphylococcus aureus* bacteraemias (SABs) - a reduction of 10% in the national rate of HCA CDI for the year ending March 2023, with 2018-19 used as the baseline.
- *Escherichia coli* bacteraemias (ECBs) - a 50% reduction in HCA ECBs by 2023-24, with an initial reduction of 25% by March 23. The baseline is the 2018-19 rate.

2.3 Assessment

The Board's current verified position against each HCAI standard for the year ending March 2022 is:

Infection	NHS A&A Annual Rate Year Ending March 2022 (number of cases per 100,000 Total Occupied Bed Days (TOBDs))	2022-23 Target (cases per 100,000 TOBDs)	2023-24 Target (cases per 100,000 TOBDs)
<i>Clostridium difficile</i> Infection	21.6	13.0	
<i>Staphylococcus aureus</i> Bacteraemia	15.9	12.4	
<i>Escherichia coli</i> Bacteraemia	47.6	34.3	22.8

Table 1 – NHS Ayrshire and Arran's verified position

This remains unchanged since 15 August 2022. Year ending June 2022 verified data will be presented at the Prevention and Control of Infection Committee on 17 November 2022.

An HAI outbreak occurred within the Ayrshire Maternity Unit (AMU) in July 2022. The outbreak was identified early and Antimicrobial Resistance and Healthcare Associated Infection (ARHAI) involvement was sought due to the nature of this outbreak. The outbreak was dealt with as a priority with support from Scottish Government colleagues and communication with the families involved was maintained throughout.

2.3.1 Quality/patient care

Attainment of the national HCAI standards will result in fewer infections in patients and improve patient outcome.

2.3.2 Workforce

Reductions in HCAI will reduce the exposure risk to staff from harmful infections.

2.3.3 Financial

Reductions in HCAI will lead to reduced inpatient lengths of stay and associated treatment costs.

2.3.4 Risk assessment/management

The Infection Prevention and Control Team (IPCT) provide clinical teams and managers with risk assessed advice and guidance based on national policy and best practice.

Current activity required in order to respond to COVID-19 has significantly impacted on the capacity of the IPCT to continue with routine IPC activity. A risk template has been developed to articulate this with agreed mitigations and entered onto our operational risk register.

2.3.5 Equality and diversity, including health inequalities

An impact assessment has not been completed because this is an update report to Board members.

2.3.6 Other impacts

No other impacts to note.

2.3.7 Communication, involvement, engagement and consultation

This is standing report to the Board.

2.3.8 Route to the meeting

This has been previously considered by the following groups as part of its development. The groups have either supported the content, or their feedback has informed the development of the content presented in this report.

- Prevention and Control of Infection Committee on 21 July 2022
- Prevention and Control of Infection Committee on 22 September 2022
- Healthcare Governance Committee on 7 November 2022

2.4 Recommendation

For discussion. This paper is for discussion and provides Board members with the Board's current position against the national HCAI standards and to note the HAI outbreak within the AMU.

3. List of appendices

No appendices.