Borders NHS Board



Meeting Date: 5 December 2019

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HEALTHCARE ASSOCIATED INFECTION PREVENTION AND CONTROL REPORT OCTOBER 2019

Purpose of Report:

The purpose of this paper is to update Board members on the current status of Healthcare Associated Infections (HAI) and infection control measures in NHS Borders.

Recommendations:

The Board is asked to **note** this report.

Approval Pathways:

This report does not require approval.

Executive Summary:

This report provides an overview for Borders NHS Board of infection prevention and control with particular reference to the incidence of Healthcare Associated Infections (HAI) against Scottish Government HEAT targets, together with results from cleanliness monitoring and hand hygiene audit results.

Impact of item/issues on:	
Strategic Context	This report is in line with the NHS Scotland HAI Action Plan.
Patient Safety/Clinical Impact	Infection prevention and control is central to patient safety
Staffing/Workforce	This assessment has not identified any staffing implications.
Finance/Resources	This assessment has not identified any resource implications.
Risk Implications	All risks are highlighted within the paper.
Equality and Diversity	This is an update paper so a full impact assessment is not required.
Consultation	This is a regular bi-monthly update as required by SGHD. As with all Board papers, this update will be shared with the Area Clinical Forum for information.
Glossary	See Appendix A.

Healthcare Associated Infection Reporting Template (HAIRT)

Section 1- Board Wide Issues

This section of the HAIRT covers Board wide infection prevention and control activity and actions. For reports on individual hospitals, please refer to the 'Healthcare Associated Infection Report Cards' in Section 2.

A report card summarising Board wide statistics can be found at the end of section 1

Key Healthcare Associated Infection Headlines for October 2019

- NHS Borders had 7 Staphylococcus aureus Bacteraemia (SAB) cases between April 2019 and October 2019. To achieve the HEAT target rate of 24.0 cases or less per 100,000 acute occupied bed days (AOBD) by March 2020, NHS Borders should have no more than 19 cases per year. NHS Borders is on target to achieve this.
- NHS Borders had 12 Clostridium difficile infection (CDI) cases between April 2019 and October 2019. To achieve the CDI HEAT target rate of 32.0 cases or less per 100,000 total occupied bed days (TOBD) for patients aged 15 and over, by March 2020, NHS Borders should have no more than 33 cases per year. NHS Borders is on target to achieve this.

Staphylococcus aureus Bacteraemia (SAB)

See Appendix A for definition.

Figure 1 below shows that Hospital Acquired Infection accounted for 28.6% of SAB cases between April and October 2019. The definition of hospital acquired infection is where a positive blood culture sample is obtained from a patient who has been in hospital for more than 48 hours or where the organism is considered to be a contaminant when the sample was taken in hospital.

There were 7 cases of Meticillin-sensitive *Staphylococcus aureus* (MSSA) and no cases of Meticillin-resistant *Staphylococcus aureus* (MRSA).

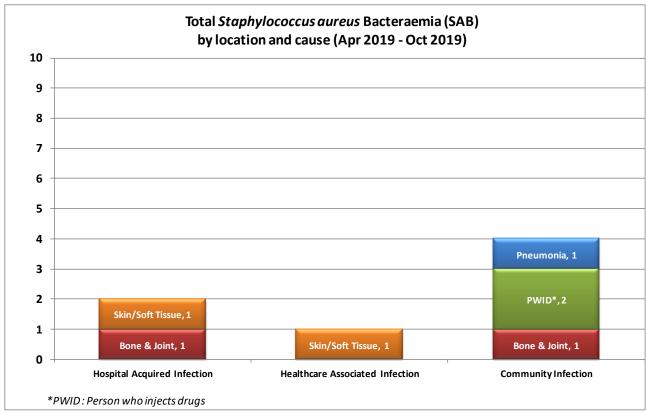


Figure 1: SAB cases by location and cause (April 2019 – October 2019)

Figure 2 shows a Statistical Process Control (SPC) chart showing the number of days between each SAB case. The reason for displaying the data in this type of chart is due to SAB cases being rare events with low numbers each month.

Traditional charts which show the number of cases per month can make it more difficult to spot either improvement or deterioration. These charts highlight any statistically significant events which are not part of the natural variation within our health system.

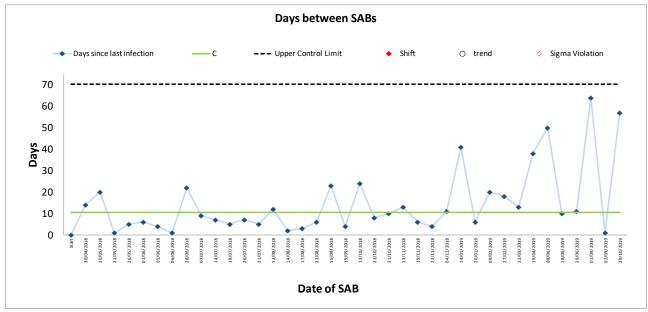


Figure 2: NHS Borders days between SAB cases (April 2018 – October 2019)

In interpreting Figure 2, it is important to remember that as this graph plots the number of days between infections, we are trying to achieve performance above the green average line.

Every SAB case is subject to a rigorous review which includes a feedback process to the clinicians caring for the patient. Any learning is translated into specific actions which are added to the Infection Control Work Plan with progress critically reviewed by the Infection Control Committee.

Health Protection Scotland produces quarterly reports showing infection rates for all Scottish Boards. Figure 3 below shows the most recently published data as a funnel plot of healthcare associated SAB cases as rates per 100,000 Total Occupied Bed Days (TOBDs) for all NHS boards in Scotland in Quarter 2 (Apr-Jun 2019).

During this period, NHS Borders (BR) had a rate of 6.4 which was below the Scottish average rate of 16.8.

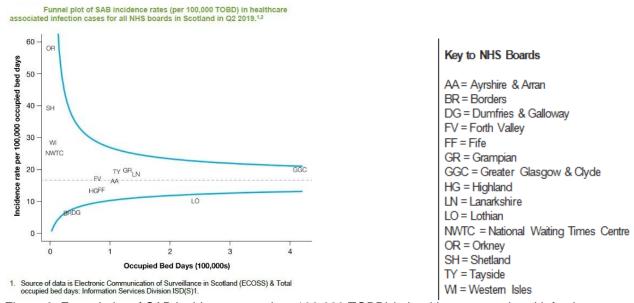
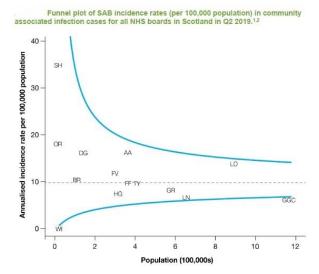


Figure 3: Funnel plot of SAB incidence rates (per 100,000 TOBD) in healthcare associated infection cases for all NHS Boards in Scotland in Q2 2019

A funnel plot chart is designed to distinguish natural variation from statistically significant outliers. The funnel narrows on the right of the graph as the larger health Boards will have less fluctuation in their rates due to greater Total Occupied Bed Days. Figure 3 shows that NHS Borders was within the blue funnel, which means that it is not a statistical outlier.

Figure 4 below shows a funnel plot of <u>community associated</u> SAB cases as rates per 100,000 population for all NHS boards in Scotland in Quarter 2 (Apr-Jun 2019).



 Source of data is Electronic Communication of Surveillance in Scotland (ECOSS) & NRS midyear population estimates.

Figure 4: Funnel plot of SAB incidence rates (per 100,000 population) in community associated infection cases for all NHS Boards in Scotland in Q2 2019

During this period NHS Borders (BR) had a rate of 10.4 which was above the Scottish average rate of 9.8. NHS Borders is not a statistical outlier from the rest of Scotland.

Clostridium difficile infections (CDI)

See Appendix A for definition.

Figure 5 below shows a Statistical Process Control (SPC) chart showing the number of days between each CDI case. As with SAB cases, the reason for displaying the data in this type of chart is due to CDI cases being rare events with low numbers each month.

The graph shows that there have been no statistically significant events since the last Board update.

As with SAB cases, every *Clostridium difficile* infection (CDI) case is subject to a rigorous review which includes a feedback process to the clinicians caring for the patient. Any learning is translated into specific actions which are added to the Infection Control Work Plan.

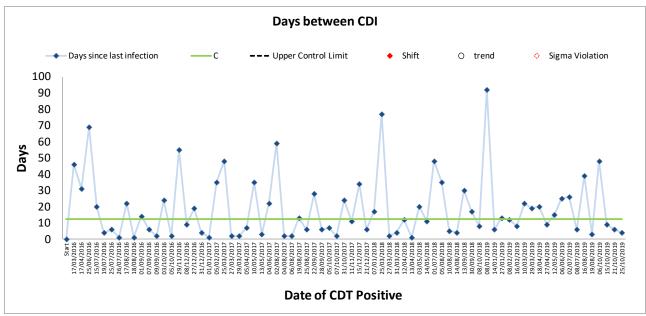


Figure 5: NHS Borders days between CDI cases (March 2016 - October 2019)

Health Protection Scotland produces quarterly reports showing infection rates for all Scottish Boards. Figure 6 below shows a funnel plot of CDI incidence rates (per 100,000 TOBD) in healthcare associated infection cases for all NHS Boards in Scotland in Q2 2019 (Apr-Jun 2019).

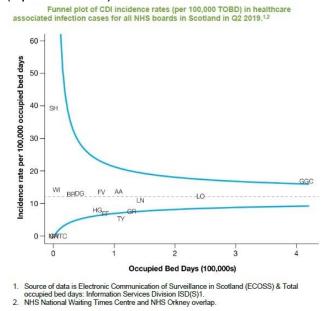
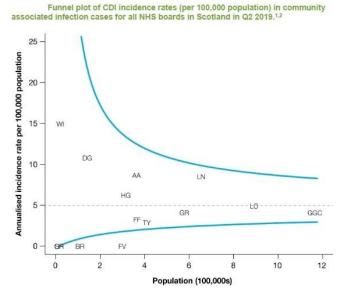


Figure 6: Funnel plot of CDI incidence rates (per 100,000 TOBD) in healthcare associated infection cases for all NHS Boards in Scotland in Q2 2019

The graph shows that NHS Borders (BR) had a rate of 12.9 which is above the Scottish average rate of 12.1. However, NHS Borders is not a statistical outlier from the rest of Scotland.

Figure 7 below shows a funnel plot of CDI incidence rates (per 100,000 population) in <u>community associated</u> infection cases for all NHS Boards in Scotland in Q2 2019.



- 1. Source of data is Electronic Communication of Surveillance in Scotland (ECOSS) & NRS mid-
- year population estimates.

 2. NHS Orkney and NHS Shetland overlap.

Figure 7: Funnel plot of CDI incidence rates (per 100,000 population) in community associated infection cases for all NHS Boards in Scotland in Q2 2019

The graph shows that NHS Borders (BR) had a rate of 0.0 which is below the Scottish average rate of 4.9.

Hand Hygiene

For supplementary information see Appendix A

The hand hygiene data tables contained within the NHS Borders Report Card (Section 2 p.12) are generated from wards conducting self-audits.

Hand hygiene continues to be monitored by each clinical area. The Infection Prevention and Control Team follow up with any area which either fail to submit audit results or which fall below 90% for two consecutive months. This information is reported in the Infection Control monthly report which is distributed to management, governance groups, Senior Charge Nurses and Clinical Directors.

Infection Prevention and Control Compliance Monitoring Programme

The Infection Prevention and Control Team (IPCT) undertake a programme of Standard Infection Control Precautions (SICPs) audits to monitor compliance with the National Infection Prevention and Control Manual; each area is audited approximately every 18 months.

The IPCT also maintain a programme of monthly spot checks to monitor that systems and processes are operating as intended in the interim period between full SICPs audits.

NHS Borders is undertaking a number of actions to improve the recent increase in the number of issues identified during the monthly spot checks. Focused improvement work is progressing with the Senior Charge Nurses and Clinical Nurse Managers to address ongoing themes.

Cleaning and the Healthcare Environment

For supplementary information see Appendix A.

The data presented within the NHS Borders Report Card (Section 2 p.12) is an average figure across the sites using the national cleaning and estates monitoring tool that was implemented in April 2012.

Validation audits of cleanliness and estates monitoring scores have been undertaken jointly by an Estates Manager, Domestics Manager, and Infection Control. Five clinical areas in BGH were audited in October and the outcome provided assurance that routine cleanliness scores are genuinely representative. However, the validation study identified that estates issues do not seem to be adequately reflected in estates monitoring scores resulting in false assurance. The summary below shows the average scores reported in BGH in the month of October compared with the results of this validation study on five wards in BGH:-

BGH REPORTED COMPLIANCE:

Cleanliness monitoring = 97.8 Estates monitoring = 98.6%

VALIDATION AUDIT CONDUCTED IN FIVE CLINICAL AREAS IN BGH:

Cleanliness monitoring = 97.3% Estates monitoring = 89.8%

A meeting is being convened in November to consider the implications and next steps in relation to the variance between current reported estates and facilities monitoring scores and the validation study.

2019/20 Infection Control Workplan

As of 31st October 2019, all actions are on target for completion.

Outbreaks

There have been no outbreaks of Norovirus or respiratory illnesses since the last update.

There have been 2 cases of CDI on the same ward in the BGH. Samples were sent away for typing and were found to have the same ribotype indicating cross-transmission. The Infection Control Team convened a Problem Assessment Group meeting to review the cases and oversee control measures. There have been no further associated cases since August 2019.

NHS Borders Surgical Site Infection (SSI) Surveillance

NHS Borders participates in a national infection surveillance programme relating to specific surgical procedures. This is coordinated by Health Protection Scotland (HPS) and uses national definitions and methodology which enable comparison with overall NHS Scotland infection rates.

In the period January 2019 – October 2019, there has been one SSI following colorectal surgery, four SSIs following hip arthroplasty, one SSI following knee arthroplasty, one SSI following breast surgery and one SSI following C-Section.

Each SSI case is subject to a full review to identify any learning. In addition, a further review of all orthopaedic SSI cases since March 2019 is progressing to identify any recurring themes. To date, no themes have been identified.

Health Protection Scotland produces quarterly reports showing infection rates for all Scottish Boards. Figure 8 below shows a funnel plot of caesarean section SSI incidence per 100 procedures in Quarter 2 (Apr to Jun 2019). The graph shows that NHS Borders (BR) had a rate of 0.0 which is below the Scottish average rate of 1.0.

Figure 9 below shows a funnel plot of hip arthroplasty SSI incidence per 100 procedures in Quarter 2 (Apr to Jun 2019). The graph shows that NHS Borders (BR) had a rate of 2.1 which is above the Scottish average rate of 0.4, although not statistically significant.

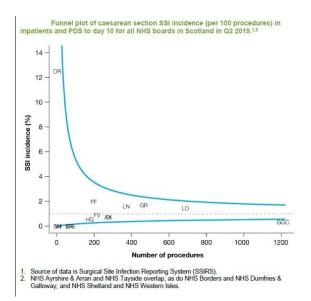


Figure 8: Funnel plot of caesarean section SSI incidence (per 100 procedures) in inpatients and Post Discharge Surveillance (PDS) to day 10 for all NHS Boards in Scotland in Q2 2019

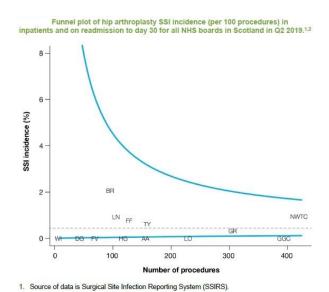


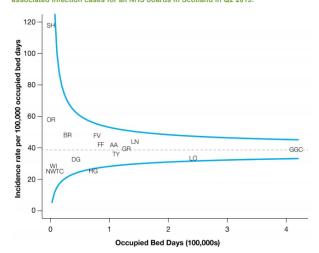
Figure 9: Funnel plot of hip arthroplasty SSI incidence (per 100 procedures) in inpatients and on readmission to day 30 for all NHS Boards in Scotland in Q2 2019

Escherichia coli bacteraemia (ECB)

Health Protection Scotland produces quarterly reports showing infection rates for all Scottish Boards. Figure 10 below shows a funnel plot of ECB incidence rates (per 100,000 TOBD) in healthcare associated infection cases for all NHS Boards in Scotland in Q2 2019 (Apr-Jun 2019). NHS Borders (BR) had a rate of 48.3 for healthcare associated infection cases which is above the Scottish average rate of 38.7; however, NHS Borders is not a statistical outlier from the rest of Scotland.

Figure 11 below shows a funnel plot of ECB incidence rates (per 100,000 population) in <u>community associated</u> infection cases for all NHS Boards in Scotland in Q1 2019. NHS Borders (BR) had a rate of 66.1 for community associated infection cases which is above the Scotlish average rate of 44.5; however, NHS Borders is not a statistical outlier from the rest of Scotland.

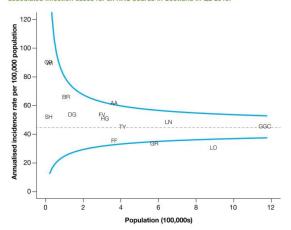
Figure 3: Funnel plot of ECB incidence rates (per 100,000 TOBD) in healthcare associated infection cases for all NHS boards in Scotland in Q2 2019.



Source of data is Electronic Communication of Surveillance in Scotland (ECOSS) & Tota occupied bed days: Information Services Division ISD(S)1.

Figure 10: Funnel plot of ECB incidence rates (per 100,000 TOBD) in healthcare associated infection cases for all NHS Boards in Scotland in Q2 2019

Figure 4: Funnel plot of ECB incidence rates (per 100,000 population) in community associated infection cases for all NHS boards in Scotland in Q2 2019.1,2



- 1. Source of data is Electronic Communication of Surveillance in Scotland (ECOSS) & NRS mid-
- year population estimates.

 2. NHS Orkney and NHS Western Isles overlap

Figure 11: Funnel plot of ECB incidence rates (per 100,000 population) in community associated infection cases for all NHS Boards in Scotland in Q2 2019

Antimicrobial Management Team (AMT) Update

The Antimicrobial Management Team (AMT) is responsible for maintaining an antimicrobial stewardship programme across NHS Borders.

This year European Antibiotic Awareness day is on the 18th November. Promotional activities will be held throughout the week and will include daily board wide communication of antimicrobial facts and information as well as a promotional stall in the hospital. As part of this promotion, staff will be encouraged to sign up to be an Antibiotic Guardian. Public communication will also be issued throughout the week.

Healthcare Associated Infection Reporting Template (HAIRT)

Section 2 – Healthcare Associated Infection Report Cards

The following section is a series of 'Report Cards' that provide information, for each acute hospital and key community hospitals in the Board, on the number of cases of *Staphylococcus aureus* blood stream infections (also broken down into MSSA and MRSA) and *Clostridium difficile* infections, as well as hand hygiene and cleaning compliance. In addition, there is a single report card which covers all community hospitals [which do not have individual cards], and a report which covers infections identified as having been contracted from out with hospital. The information in the report cards is provisional local data, and may differ from the national surveillance reports carried out by Health Protection Scotland and Health Facilities Scotland. The national reports are official statistics which undergo rigorous validation, which means final national figures may differ from those reported here. However, these reports aim to provide more detailed and up to date information on HAI activities at local level than is possible to provide through the national statistics.

Understanding the Report Cards – Infection Case Numbers

Clostridium difficile infections (CDI) and Staphylococcus aureus bacteraemia (SAB) cases are presented for each hospital, broken down by month. Staphylococcus aureus bacteraemia (SAB) cases are further broken down into Meticillin Sensitive Staphylococcus aureus (MSSA) and Meticillin Resistant Staphylococcus aureus (MRSA). More information on these organisms can be found on the NHS24 website:

Clostridium difficile: http://www.nhs24.com/content/default.asp?page=s5_4&articleID=2139§ionID=1

Staphylococcus aureus: http://www.nhs24.com/content/default.asp?page=s5_4&articleID=346

MRSA: http://www.nhs24.com/content/default.asp?page=s5_4&articleID=252§ionID=1

For <u>each hospital</u> the total number of cases for each month are those which have been reported as positive from a laboratory report on samples taken <u>more than</u> 48 hours after admission. For the purposes of these reports, positive samples taken from patients <u>within</u> 48 hours of admission will be considered to be confirmation that the infection was contracted prior to hospital admission and will be shown in the "out of hospital" report card.

Targets

There are national targets associated with reductions in C.diff and SABs. More information on these can be found on the Scotland Performs website:

http://www.scotland.gov.uk/About/Performance/scotPerforms/partnerstories/NHSScotlandperformance

Understanding the Report Cards – Hand Hygiene Compliance

Hospitals carry out regular audits of how well their staff are complying with hand hygiene. Each hospital report card presents the combined percentage of hand hygiene compliance with both opportunity taken and technique used broken down by staff group.

Understanding the Report Cards - Cleaning Compliance

Hospitals strive to keep the care environment as clean as possible. This is monitored through cleaning and estates compliance audits. More information on how hospitals carry out these audits can be found on the Health Facilities Scotland website:

http://www.hfs.scot.nhs.uk/online-services/publications/hai/

Understanding the Report Cards - 'Out of Hospital Infections'

Clostridium difficile infections and Staphylococcus aureus (including MRSA) bacteraemia cases are associated with being treated in hospitals. However, this is not the only place a patient may contract an infection. This total will also include infection from community sources such as GP surgeries and care homes. The final Report Card report in this section covers 'Out of Hospital Infections' and reports on SAB and CDI cases reported to a Health Board which are not attributable to a hospital.

NHS BORDERS BOARD REPORT CARD

Staphylococcus aureus bacteraemia monthly case numbers

	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	June 2019	July 2019	Aug 2019	Sep 2019	Oct 2019
MRSA	0	0	0	0	0	0	0	0	0	0	0	0
MSSA	3	1	4	2	1	1	0	3	0	0	2	1
Total SABS	3	1	4	2	1	1	0	3	0	0	2	1

Clostridium difficile infection monthly case numbers

	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	June 2019	July 2019	Aug 2019	Sep 2019	Oct 2019
Ages 15-64	0	0	0	0	0	1	0	0	0	1	0	1
Ages 65 plus	0	0	3	2	2	1	1	1	2	1	0	3
Ages 15 plus	0	0	3	2	2	2	1	1	2	2	0	4

Hand Hygiene Monitoring Compliance (%)

	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	June 2019	July 2019*	Aug 2019	Sep 2019	Oct 2019
AHP	98	100	100	100	99	100	100	98	95	100	96	100
Ancillary	100	100	95	99	94	97	97	96	96	96	97	94
Medical	99	99	99	99	99	99	99	98	100	99	97	98
Nurse	99	99	99	100	100	95	98	98	98	99	98	99
Board Total	99	99	99	100	98	98	99	98	97	99	97	98

^{*}LANQIP reporting system issues, not all areas were able to submit data within the timescale.

Cleaning Compliance (%)

	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	-	June 2019	-	•	•	
Board Total	96.9	96.3	96.5	96.1	95.9	97.4	96.7	95.9	96.1	97.1	94.5	97.8

^{*}BGH only; Community, Mental Health and Non-clinical areas not audited in October 2019

Estates Monitoring Compliance (%)

	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct
	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019*
Board Total	99.5	99.6	99.7	100	99	98.4	97.1	99.8	98.5	99.4	98.6	98.6

^{*}BGH only; Community, Mental Health and Non-clinical areas not audited in October 2019

BORDERS GENERAL HOSPITAL REPORT CARD

Staphylococcus aureus bacteraemia monthly case numbers

	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	June 2019	July 2019	Aug 2019	Sep 2019	Oct 2019
MRSA	0	0	0	0	0	0	0	0	0	0	0	0
MSSA	1	0	2	1	0	0	0	2	0	0	0	0
Total SABS	1	0	2	1	0	0	0	2	0	0	0	0

Clostridium difficile infection monthly case numbers

	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct
	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
Ages 15-64	0	0	0	0	0	0	0	0	0	0	0	0
Ages 65 plus	0	0	1	2	1	0	1	1	2	1	0	2
Ages 15 plus	0	0	1	2	1	0	1	1	2	1	0	2

Cleaning Compliance (%)

	Nov 2018	Dec 2018	Jan 2019		Mar 2019	•	-	June 2019	-	_	Sep 2019	
Board Total	96.7	97.0	96.9	96.8	96.9	97.5	97.3	97.6	97.7	97.5	97.2	97.8

Estates Monitoring Compliance (%)

	Nov 2018	Dec 2018				Apr 2019			•	_	Sep 2019	
Board Total	99.6	99.9	99.9	99.9	99.3	99.6	99.8	99.8	99.9	99.9	99.6	98.6

NHS COMMUNITY HOSPITALS REPORT CARD

The community hospitals covered in this report card include:

- Haylodge Community Hospital
- Hawick Community Hospital
- Kelso Community Hospital
- Knoll Community Hospital
- Melburn Lodge

Staphylococcus aureus bacteraemia monthly case numbers

	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	June 2019	July 2019	Aug 2019	Sep 2019	Oct 2019
MRSA	0	0	0	0	0	0	0	0	0	0	0	0
MSSA	0	0	0	0	0	0	0	0	0	0	0	0
Total SABS	0	0	0	0	0	0	0	0	0	0	0	0

Clostridium difficile infection monthly case numbers

	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	June 2019	July 2019	Aug 2019	Sep 2019	Oct 2019
Ages 15-64	0	0	0	0	0	0	0	0	0	0	0	0
Ages 65 plus	0	0	0	0	0	1	0	0	0	0	0	0
Ages 15 plus	0	0	0	0	0	1	0	0	0	0	0	0

NHS OUT OF HOSPITAL REPORT CARD

Staphylococcus aureus bacteraemia monthly case numbers

	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	June 2019	July 2019	Aug 2019	Sep 2019	Oct 2019
	2010	2010	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
MRSA	0	0	0	0	0	0	0	0	0	0	0	0
MSSA	2	1	2	1	1	1	0	1	0	0	0	1
Total SABS	2	1	2	1	1	1	0	1	0	0	0	1

Clostridium difficile infection monthly case numbers

	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct
	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
Ages 15-64	0	0	0	0	0	1	0	0	0	1	0	1
Ages 65 plus	0	0	2	0	1	0	0	0	0	0	0	1
Ages 15 plus	0	0	2	0	1	1	0	0	0	1	0	2

Appendix A

Definitions and Supplementary Information

Staphylococcus aureus Bacteraemia (SAB)

Staphylococcus aureus is an organism which is responsible for a large number of healthcare associated infections, although it can also cause infections in people who have not had any recent contact with the healthcare system. The most common form of this is Meticillin Sensitive Staphylococcus Aureus (MSSA), but the more well known is MRSA (Meticillin Resistant Staphylococcus Aureus), which is a specific type of the organism which is resistant to certain antibiotics and is therefore more difficult to treat. More information on these organisms can be found at:

Staphylococcus aureus: http://www.nhs24.com/content/default.asp?page=s5_4&articleID=346

MRSA: http://www.nhs24.com/content/default.asp?page=s5_4&articleID=252

NHS Boards carry out surveillance of *Staphylococcus aureus* blood stream infections, known as bacteraemia. These are a serious form of infection and there is a national target to reduce them. The number of patients with MSSA and MRSA bacteraemia for the Board can be found at the end of section 1 and for each hospital in section 2. Information on the national surveillance programme for *Staphylococcus aureus* bacteraemia can be found at:

http://www.hps.scot.nhs.uk/haiic/sshaip/publicationsdetail.aspx?id=30248

Clostridium difficile infection (CDI)

Clostridium difficile is an organism which is responsible for a large number of healthcare associated infections, although it can also cause infections in people who have not had any recent contact with the healthcare system. More information can be found at:

http://www.nhs.uk/conditions/Clostridium-difficile/Pages/Introduction.aspx

NHS Boards carry out surveillance of *Clostridium difficile* infections (CDI), and there is a national target to reduce these. The number of patients with CDI for the Board can be found at the end of section 1 and for each hospital in section 2. Information on the national surveillance programme for *Clostridium difficile* infections can be found at:

http://www.hps.scot.nhs.uk/haiic/sshaip/ssdetail.aspx?id=277

Hand Hygiene

Information on national hand hygiene monitoring can be found at:

http://www.hps.scot.nhs.uk/haiic/ic/nationalhandhygienecampaign.aspx

Good hand hygiene by staff, patients and visitors is a key way to prevent the spread of infections. More information on the importance of good hand hygiene can be found at:

http://www.washyourhandsofthem.com/

Cleaning and the Healthcare Environment

Keeping the healthcare environment clean is essential to prevent the spread of infections. NHS Boards monitor the cleanliness of hospitals and there is a national target to maintain compliance with standards above 90%. The cleaning compliance score for the Board can be found at the end of section 1 and for each hospital in section 2. Information on national cleanliness compliance monitoring can be found at:

http://www.hfs.scot.nhs.uk/online-services/publications/hai/

Healthcare environment standards are also independently inspected by the Healthcare Environment Inspectorate. More details can be found at:

http://www.nhshealthquality.org/nhsqis/6710.140.1366.html