

***Clostridioides* (formerly *Clostridium*) *difficile* infection, *Escherichia coli* bacteraemia, *Staphylococcus aureus* bacteraemia and Surgical Site Infection in Scotland**

April to June (Q2) 2018

An Official Statistics publication for Scotland

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About this release

This release by Health Protection Scotland (HPS) provides data for the following:

- *Clostridioides difficile* infection
- *Escherichia coli* bacteraemia
- *Staphylococcus aureus* bacteraemia
- Surgical Site Infection

Main Points

***Clostridioides difficile* infection (CDI) during April to June 2018**

- The total number of CDI cases in patients reported to HPS was 346.
- 239 CDI cases were reported to HPS as healthcare associated. This relates to a rate of 15.7 cases per 100,000 total occupied bed days (TOBDs).
- 107 CDI cases were reported as community associated. This relates to a rate of 7.9 cases per 100,000 population.
- NHS Grampian was above normal levels for healthcare associated CDI and community associated CDI.
- NHS Highland was above normal levels for healthcare associated CDI.

***Escherichia coli* bacteraemia (ECB) during April to June 2018**

- The total number of ECB cases in patients reported to HPS was 1,176.
- 579 ECB cases were reported to HPS as healthcare associated. This relates to a rate of 38.0 cases per 100,000 TOBDs.
- 597 ECB cases were reported as community associated. This relates to a rate of 44.1 cases per 100,000 population.
- NHS Ayrshire & Arran was above normal levels for healthcare associated ECB.
- NHS Borders and NHS Forth Valley were above normal levels for community associated ECB.

Staphylococcus aureus bacteraemia (SAB) during April to June 2018

- The total number of SAB cases in patients reported to HPS was 387.
- 264 SAB cases were reported to HPS as healthcare associated. This relates to a rate of 17.3 cases per 100,000 TOBDs.
- 123 SAB cases were reported as community associated. This relates to a rate of 9.1 cases per 100,000 population.
- NHS Forth Valley was above normal levels for community associated SAB.

Surgical Site Infection (SSI) during April to June 2018

- 61 SSIs following 4,190 caesarean section procedures were reported to HPS, detected either during inpatient stay or by post discharge surveillance to day 10. This relates to an incidence of 1.5%.
- 19 SSIs following 2,268 hip arthroplasty procedures were reported to HPS, detected either during inpatient stay or on readmission to day 30. This relates to an incidence of 0.8%.
- NHS Greater Glasgow & Clyde were above normal levels for hip arthroplasty.

Background

HPS has been supporting NHS Boards to help analyse their data and look at their prevention and control measures. Appropriate local monitoring, antimicrobial prescribing and infection prevention and control practices at both hospital and community levels are key to maintaining and reducing infection rates.

A new name *Clostridioides* has been **proposed** for *Clostridium difficile* which will now be known as *Clostridioides difficile*. There are no implications with regards the natural history of infection, infection prevention and control, or clinical treatment.

Contact

Laura Imrie

Nurse Consultant Infection Control

0141 300 1922

NSS.HPSHAIC@nhs.net

Further Information

Find out more in the **full report**. The data from this publication is available to download **from our web page** along with a **background information** and **metadata** document. Please see **News and Updates section** of our website for more details.

For more information on types of infections included in this report see the **Scottish Surveillance of Healthcare Associated Infection Programme (SSHAIP) section of our website**. For related topics, please see the **CDI, ECB, SAB** and **SSI** pages

The next release of this publication will be January 2019.



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