

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

October to December (Q4) 2018

An Official Statistics publication for Scotland

Publication date: 2 April 2019

About this release

This release by Health Protection Scotland (HPS) provides data for the period October to December 2018 for the following serious infections, all of which may occur as a complication of hospital or community care:

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

Main Points

***Clostridioides difficile* infection (CDI)**

- The total number of CDI cases in patients reported to HPS was 306.
- 210 CDI cases were reported to HPS as healthcare associated. This relates to a rate of 13.8 cases per 100,000 total occupied bed days (TOBDs).
- 96 CDI cases were reported as community associated. This relates to a rate of 7.0 cases per 100,000 population.
- No NHS boards were above baseline levels for healthcare associated CDI or community associated CDI.

***Escherichia coli* bacteraemia (ECB)**

- The total number of ECB cases in patients reported to HPS was 1,185.
- 582 ECB cases were reported to HPS as healthcare associated. This relates to a rate of 38.3 cases per 100,000 TOBDs.
- 603 ECB cases were reported as community associated. This relates to a rate of 44.1 cases per 100,000 population.
- NHS Lanarkshire was above baseline levels for healthcare associated ECB.
- No NHS boards were above baseline levels for community associated ECB.

***Staphylococcus aureus* bacteraemia (SAB)**

- The total number of SAB cases in patients reported to HPS was 382.
- 269 SAB cases were reported to HPS as healthcare associated. This corresponds to an incidence rate of 17.7 cases per 100,000 TOBDs.
- 113 SAB cases were reported as community associated. This corresponds to an incidence rate of 8.3 cases per 100,000 population.
- No NHS boards were above baseline levels for healthcare or community associated SAB.

Surgical Site Infection (SSI)

- 59 SSIs following 4,346 caesarean section procedures were reported to HPS, detected either during inpatient stay or by post discharge surveillance up to day 10. This relates to an incidence of 1.4%.
- 14 SSIs following 2,276 hip arthroplasty procedures were reported to HPS, detected either during inpatient stay or on readmission up to day 30. This relates to an incidence of 0.6%.
- No NHS boards were above baseline levels for caesarean section or hip arthroplasty procedures.

Background

HPS has been supporting NHS boards to help analyse their data and look at their infection 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.

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, please see the **CDI, ECB, SAB** and **SSI** pages.

The next release of this publication will be July 2019.



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