



Public Health
England

Protecting and improving the nation's health

Surveillance of Healthcare Associated Infection (HCAI)

Implementation Guide

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Data Coordination Board

This information standard (DCB0134) has been approved for publication by the Department of Health under [section 250 of the Health and Social Care Act 2012](#).

Assurance that this information standard meets the requirements of the Act and is appropriate for the use specified in the specification document has been provided by the Data Coordination Board (DCB), a sub-group of the Digital Delivery Board.

This information standard comprises the following documents:

- Specification
- Implementation Guide
- Change Request.

An Information Standards Notice ([DCB0134 Amd 18/2017](#)) has been issued as a notification of use and implementation timescales. Please read this alongside the documents for the standard.

The controlled versions of these documents can be found on the NHS Digital website. Any copies held outside of that area, in whatever format (e.g. paper, email attachment), are considered to have passed out of control and should be checked for currency and validity.

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Purpose of this document

The purpose of this document is to set out the implementation guide for the below Information Standard as approved by the Data Coordination Board (DCB).

Surveillance of Healthcare Associated Infection (HCAI).

Amendment History:

Version	Date	Amendment History
0.1	14.08.17	First draft for comment
0.2	19.09.17	Second draft following NHS Digital comment
0.3	08.11.17	Final version
1.0	20.12.2017	Publication copy

Approvals:

Name	Organisation	Version	Date
Linda Dempster	NHS Improvement	0.3	23/11/2017
Alan Johnson	Public Health England	0.3	23/11/2017

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1. Background

This information standard supports the collection of a subset of information about a number of healthcare associated infections.

The original standard established in 2008 has been expanded to include mandatory data collections on *Klebsiella* spp. and *Pseudomonas aeruginosa* bacteraemia. These changes were implemented as follows:

- Reporting at record level of *Klebsiella* spp. and *Pseudomonas aeruginosa* bacteraemia from 1 April 2017

Following the introduction of reporting for *Klebsiella* spp. and *Pseudomonas aeruginosa* bacteraemia, PHE began publishing these data in October 2017.

Whilst the amendments to the Information Standard have already been implemented in routine ongoing surveillance, this plan is used to describe the procedures and processes that were used and continue to be used regarding the implementation of the amendment to the original Information Standard.

2. Supporting documentation

The following guidance documentation should be used to support the implementation of this Information Standard.

Standard specification: This document precisely defines the information standard, 'what it is' and 'how it should be implemented', who the standard applies to, training provided to support the surveillance data sets. It is the formal definition of the standard.

Change request: This document defines the changes that have been introduced to the existing Information Standard.

Data Set specification: This is the approved data set for implementation. It fully defines the data items that are in scope for submission. This is listed below as HCAI.11.

User guidance: These describe how the information standard should be interpreted by service providers, IT system suppliers and other stakeholders. It helps users understand the scope of the standard and how it should be implemented locally. These are included within the Specification document and are listed below for reference.

Ref #	Reference	Title
1	HCAI.1	Mandatory enhanced MRSA, MSSA and Gram-negative bacteraemia, and <i>Clostridium difficile</i> infection surveillance v4.1
2	HCAI.2	Announcement of government intentions to reduce Gram-negative bacteraemia by 50% by 2020/21
3	HCAI.3	Gram-negative bacteraemia mandatory surveillance reporting aid
4	HCAI.4	Mandatory Health Care Associated Infection Surveillance: Data Quality Statement
5	HCAI.5	Overview of Roles and Permissions User Manual
6	HCAI.6	HCAI Data Capture System User Manual
7	HCAI.7	Data Upload Wizard User Manual
8	HCAI.8	Surgical Site Infection (SSI) Surveillance Protocol (NB This includes Data Collection sheets)
9	HCAI.9	Operating Procedure Codes (OPCS) Codes
10	HCAI. 10	SSI Web Link User Manual
11	HCAI.11	PHE Data dictionary July 2017 for HCAI DCS

3. Implementation

Implementation of the existing and amended standard has already occurred. Implementation was dictated by the surveillance requirements, IT systems and processes detailed within the Specification, Change request and user guidance documents. Any future changes will be supported by the issuing of new user guidance and a DCB change request.

Further information on the processes necessary to implement the guidance can be found in the relevant surveillance protocols:

1. *Mandatory enhanced MRSA, MSSA and Gram-negative bacteraemia and Clostridium difficile infection surveillance.*
2. *Surgical Site Infection Surveillance.*

Details for how users have been or will be notified of standard changes are detailed within the Communication Products included within the Change Request document.

4. Post Implementation

Both the SSI Team and the Mandatory Surveillance team within the HCAI & AMR Department provide ongoing support to all users throughout the year via provision of a helpdesk. The Mandatory Surveillance team can be reached via email at mandatory-surveillance@phe.gov.uk