

# Publication of provisional HCAI and SSI for the reporting period 1st January 2019 and 31st December 2019

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## 1 Executive Summary

PHIN is publishing information about Healthcare-associated infections (HCAI) and Surgical site infections (SSI) based on data received from UK private providers, as required by the Competition and Markets Authority Private Healthcare Market Investigation Order 2014 (*as amended*).

The publication of this information represents only one dimension of the wider work of PHIN in reporting outcomes from UK private healthcare facilities<sup>1</sup> and is the first time such information has been published.

HCAI and SSI are important because they are associated with morbidity and costs. Monitoring them enables organisations to improve infection prevention and control.

Where possible, PHIN aligns its methods with those of Public Health England (PHE), who publishes similar information for NHS organisations. There are methodological differences between the way in which measures are calculated in the NHS and in the private sector. This means that the information provided here does not provide a basis for comparison between the two. Also, differences in hospital size (private hospitals are typically much smaller than NHS hospitals); patient case mix and procedure complexity may also represent legitimate causes of variation between the two and have not been accounted for in the information presented.

For both HCAI and SSI PHIN is publishing two measures; a count of infections and a rate of infections. For HCAI, rates are expressed as the number of infections per 100,000 bed days plus discharges for the reporting period. For SSI, rates are expressed as the number of infections divided by the number of discharges for the reporting period. Calculation of counts of infections, therefore, is dependent on provider sites submitting complete Adverse Event data and calculation of rates of infections is dependent on sites submitting complete Admitted Patient Care<sup>2</sup> (APC) data.

The implications of this for individual provider sites, in terms of measure publication, is summarised below in Table 1: Count of private provider sites by measure publication status (1st January 2019 to 31st December 2019)

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<sup>1</sup> Any facility providing privately-funded healthcare services on an inpatient, day-case and/or outpatient basis, and may include a NHS Private Patient Unit.

<sup>2</sup> Admitted Patient Care is activity which takes place in a hospital setting where the admission is planned (elective) and the patient either spends at least one night in hospital (an inpatient) or is treated and discharged on the same day (a day case).



Table 1: Count of private provider sites by measure publication status (1st January 2019 to 31st December 2019)

Publication Status	Private Provider Sites
Required to submit data to PHIN under the CMA Order <sup>3</sup>	595
Publication of HCAI and SSI measures with counts and rates	268
Publication of HCAI and SSI measures with counts but without rates <sup>4</sup>	19
No measure publication - insufficient adverse event data	308

Table 2 and Table 3, below list, respectively, the infecting organisms covered by the HCAI measure and the two surgical procedures covered by the SSI measure.

Table 2: The count of HCAI infections by infective organism reported by private provider sites during the reporting period 1st January 2019 and 31st December 2019.

Type of HCAI by organism	Count of HCAI for provider sites submitting Adverse Event data returns for all 12 months of the reporting period	Count of HCAI for provider sites submitting Adverse Event data returns for less than 12 months of the reporting period*
<i>C.difficile</i>	51	3
<i>E.coli</i>	146	3
<i>Klebsiella</i>	61	0
MRSA	5	0
MSSA	24	0
<i>Pseudomonas</i>	41	0
Total bed days plus discharges <sup>5</sup>	1,474,182	-
Rate per 100,000 bed days	22.2	-

\* These HCAI will not be included in the figures published on the public facing website as they were reported by provider sites that failed to supply PHIN with 12 months of Adverse Event data. Furthermore, as a full 12 months of APC data returns are required for publication of the HCAI rate measure, the bed days and discharges associated with these sites have also been removed from the Total Bed Days and Discharges figure in this table and will also not appear on the public facing web site.

<sup>3</sup> This represents the total number of sites that are active as of the produced date or had submitted data for the reporting period.

<sup>4</sup> These are sites that have submitted complete Adverse Event data but have not submitted complete APC data.

<sup>5</sup> A combination of bed days and discharges is used as the denominator for rate calculation for these infections and is based on Public Health England's recommended methodology.



Table 3: The count of SSI by type of surgery reported by private providers during the reporting period 1st January 2019 and 31st December 2019.

Type of operation	Count of SSI for provider sites submitting Adverse Event data returns for all 12 months of the reporting period	Count of SSI for provider sites submitting Adverse Event data returns for all 12 months of the reporting period*
Hip replacement (primary and revision)	26	1
Knee replacement (primary and revision)	35**	-
Total Discharges	32,030**	-
% SSI	0.2	-

\* These infections will not be included in the figures published on the public facing website as they were reported by provider sites that failed to supply PHIN with 12 months of Adverse Event data.

\*\* One SSI knee replacement adverse event was initially counted twice, as the APC record it linked to contained codes for both a primary and a revision knee replacement procedure. PHIN has counted this as one SSI and one discharge and the "duplicate" discharge has been removed from this table and will not appear on the public facing web site.



## 2 Introduction

All providers of admitted, privately-funded healthcare in the UK are required by the Competition and Markets Authority Private Healthcare Market Investigation Order 2014 (as amended) to submit data on activity, safety and quality to the Private Healthcare Information Network (PHIN).

The Order also requires PHIN to publish this data on a public web site in the form of performance measures. This report describes the publication for two of these measures – Healthcare-associated Infections (HCAI) and Surgical Site Infections (SSI)<sup>6</sup>. The results cover the reporting period **1st January 2019 to 31st December 2019**.

Infections of these types have been routinely monitored and reported on for NHS-funded care to help protect patients from avoidable harm by increasing opportunities to learn from events where things have gone wrong. The publication of infections for privately-funded healthcare contributes to this body of information and therefore increases the opportunities for learning and service improvement.

### 2.1 Healthcare-associated infections (HCAI)

These are infections caused by specific types of organisms which all hospitals are required to monitor, and which currently comprises the following:

- MRSA bacteraemia
- MSSA bacteraemia
- *E. coli* bacteraemia
- *C. difficile* infection
- *Klebsiella* bacteraemia
- *Pseudomonas* bacteraemia

It is important to note that these infections can be contracted in a number of ways:

- as a direct result of treatment in, or contact with, a health or social care setting;
- as a direct result of healthcare delivery in the community; or
- as a result of an infection originally acquired outside a healthcare setting (for example, in the community) and brought into a healthcare setting by patients, staff or visitors and transmitted to others within that setting.

As a result, not all HCAI can fairly be said to be the “fault” of the hospital which reported them. However, all hospitals have a responsibility for the safe and effective treatment of

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<sup>6</sup> HCAI and SSI form part of a group of measures referred to, collectively, as ‘Adverse Events’. This group also includes Never Events and certain Care Quality Commission (CQC) defined Clinical and Sentinel Indicators. PHIN will be publishing these other measures in due course.



patients and as such should have in place the necessary policies and procedures to ensure that this is the case.

For the stated reporting period PHIN is publishing the following two measures for each private provider site and by type of infection:

- 1) The number of reported HCAI by infection type.
- 2) The incidence of HCAI, calculated as the number of reported HCAI divided by the total number of associated bed days and discharges. The measure is expressed as a rate per 100,000 bed days plus discharges.

## 2.2 Surgical Site Infections (SSI)

These are infections that occur in an area of the body that has been operated on. They can result from this area being more vulnerable to infection as a result of the surgery or because of poor infection control processes within the hospital. PHIN is initially publishing SSI data for hip and knee replacement surgery (both primary and revision). Publication of SSI associated with other types of surgery will follow in due course.

For the stated reporting period PHIN is publishing the following two measures for each private provider site and by type of surgery:

- 1) The number of reported SSI for each of hip and knee replacement surgery.
- 2) The percentage of reported SSI for each of hip and knee replacement surgery, calculated as the number of reported SSI divided by the total number of associated discharges and expressed as a simple percentage value.

## 2.3 Time series analyses

In due course, as PHIN publishes data for more time periods, these measures will be available as time series which can indicate changes in hospital performance over time.

## 2.4 Differences between independent and NHS organisations

Certain data recording and structural differences between independent and NHS organisations make direct comparisons between the two problematic and potentially misleading. The issues listed below in Table 4 is based on the same published by PHE

*Table 4: PHE's summary of the key differences in the way infection measures are reported between the independent sector (IS) and NHS.*

Independent Sector Organisations	NHS acute Trusts
Data are not “apportioned” into cases thought to have been associated with the particular IS hospital admission and those that were not.	Data are categorized into “Trust apportioned” and “non-Trust apportioned” cases. “Trust apportioned” cases are those thought to have been associated with a given NHS Trust during a given hospital admission.
Primarily elective patient-mix	Broad patient-mix including emergency-based treatments
Constantly changing facility list	Mainly static list of providers



Large number of specialist facilities	Mainly general acute facilities
Organisations may comprise geographically diverse hospitals	Mainly local clusters of hospitals
Rates calculated using bed days plus discharges due to the high proportion of day cases compared to the NHS	Rates calculated using bed-days (occupied beds at midnight)

## 2.5 Notes on the provisional nature of the data

The information contained in this report is based on data submitted by private providers to PHIN on or before the 5th August 2020, this being the cut-off date for data submissions for this reporting period (**1st January 2019 to 31st December 2019**). As additional data may subsequently be submitted by providers, all data must be considered provisional and subject to change in subsequent publications and updates.

HCAI and SSI measures published on PHIN’s public-facing website are only for provider sites that have submitted twelve months of adverse event data coincident with the whole of the reporting period. However, this report also includes HCAI and SSI measure information for sites which have not submitted twelve months of adverse event data but, nonetheless, have reported some infections in the period. This report also separately identifies those sites which do not have twelve months of adverse event data (see Appendix A – Breakdown of infection measures publication status by private provider site).





### 3 PHIN’s ability to publish infection measures

#### 3.1 Criteria

For the purposes of measure publication each reported infection (in the form of an Adverse Event record) must be linkable to the corresponding Admitted Patient Care (APC) patient record in which the infection occurred. This is necessary to establish certain clinical information (the type of surgical procedure in the cases of SSI) and counts of bed days and discharges (for both SSI and HCAI).

As a result, sites fall into one of three publication statuses depending on the completeness and quality of their Adverse Event and APC data submissions. These are:

- 1) **Publication of counts and rates of HCAI and SSI:** This is where a provider site has:
  - a) Positively reported either none or at least one infection adverse event for each of the twelve months of the reporting period.
  - b) Has submitted APC data containing the linked records for each of the corresponding adverse event records.
  - c) Has submitted a full 12 months of APC data for the reporting period (necessary in order to accurately calculate rates).

These organisations are fully meeting their legal obligations under the CMA Order insofar as they enable the publication of all measures.

- 2) **Publication of counts HCAI and SSI but without rates:** This is where a provider site has:
  - a) Positively reported either none or at least one infection adverse event for each of the twelve months of the reporting period.
  - b) Has submitted APC data containing the linked records for each of the corresponding adverse event records.
  - c) Has not submitted a full 12 months of APC data for the reporting period (hence rates cannot be accurately calculated).

These organisations are partially meeting their legal obligations under the CMA Order insofar as they enable the publication of these measures.

- 3) **No measure publication:** This is where a provider site has either provided none or only partial (missing months) adverse event data for the reporting period.

These organisations are not meeting their legal obligations under the CMA Order insofar as they enable the publication of these measures.

*Table 5: Number of provider sites by sector type and publication status (1st January 2019 to 31st December 2019) (IND = independent provider; NHS PPU = NHS Private Patient Unit)*

Sector	Publication Status	Number of Sites
IND	(1) Publication of counts and rates of HCAI and SSI	195



Sector	Publication Status	Number of Sites
IND	(2) Publication of counts HCAI and SSI but without rates	4
IND	(3) No measure publication - insufficient adverse event data	116
NHS PPU	(1) Publication of counts and rates of HCAI and SSI	73
NHS PPU	(2) Publication of counts HCAI and SSI but without rates	15
NHS PPU	(3) No measure publication - insufficient adverse event data	192
Total <sup>7</sup>		595

A detailed breakdown of publication status by provider sites is available in Appendix A – Breakdown of infection measures publication status by private provider site.

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<sup>7</sup> This represents the total number of sites that are active as of the produced date or had submitted data for the reporting period.



## 4 Rules and caveats to the published measures

There are a number of rules and caveats associated with the data that PHIN uses for measure publication based on how the data are provided to PHIN. These must be considered when exploring the infections measures to ensure they are interpreted correctly.

### 4.1 HCAI rules and caveats

Table 6: Rules and caveats applicable to HCAI

Summary	Technical detail (where needed)
General notes	
<p>PHIN will be publishing the following counts and rates for HCAI by organism (as defined by <a href="#">PHE</a>):</p> <ul style="list-style-type: none"> <li>○ MRSA bacteraemia</li> <li>○ MSSA bacteraemia</li> <li>○ <i>E. coli</i> bacteraemia</li> <li>○ <i>C. difficile</i> infection</li> <li>○ <i>Klebsiella</i> bacteraemia</li> <li>○ <i>Pseudomonas</i> bacteraemia</li> </ul>	<p>HCAI are not procedure specific; so they will be published at provider site level only.</p>
Data publication considerations	
<p>Adverse Events records must link to a valid APC record to be included for publication.</p>	<p>Each Adverse Event and APC record should include matching values in the PROVIDER, PROVSPNUM and EPIORDER fields. This enables each record to be linked and the records validated with respect to each other. If it is not possible to link these records together the data is deemed to be invalid and is not published.</p>
<p>The HCAI measures are based on data that are submitted directly by private providers to PHIN. The CMA Order places a legal requirement on these organisations to provide PHIN with information that is “sufficiently detailed and complete” for PHIN to be able to publish accurate information.</p>	<p>PHIN publishes information on the assumption that providers have submitted all records needed for publication and none have been withheld.</p> <p>Where a provider has submitted data to PHIN about a particular type of adverse events in a given month but has not included information about any other adverse event types, this is interpreted as</p>



	<p>there having been no other adverse events for this month.</p> <p>For example, if a provider reported only a single HCAI adverse event and no others in their January submission, this would be taken to mean that there had only been the one stated event in that one month period.</p>
<p>Due to these differences in case ascertainment direct comparisons between NHS and private providers should be made with caution.</p>	<p>Unlike NHS organisations, independent providers do not differentiate between community and hospital acquired infection. This may result in such a provider reporting a higher incidence of HCAI resulting from the admission of patients with a pre-existing HCAI. These are reported in the overall HCAI count but did not result directly from treatment at the provider hospital.</p> <p>And the reverse can also be true as a result of NHS trusts having to report HCAI based on the samples processed by their laboratory, which could include patients treated at other hospitals whose samples are sent to them for testing. This could result in NHS hospitals having a higher number of HCAI.</p>
<p>PHE uses a different method for calculating rates between the NHS and independent sectors. The denominator used for IS providers is a combination of bed days plus the number of discharges for the same period which is deemed more appropriate for short-stay facilities with higher numbers of day cases.</p>	<p>Rates for the independent sector use as the denominator the total number of bed days plus discharges falling within the reporting period. Rates for NHS organisations use only bed days.</p>
<p>The measures will be published in line with the current PHIN reporting period.</p>	<p>Only HCAI reported to PHIN which have an EVENT_DATE (the date on which the infection was received by the lab as reported to PHIN) falling within the relevant reporting period.</p> <p>Any data submitted after the PHIN data freeze date will not appear in the current reporting period publication (even if it relates to events or activity during the</p>



	reporting period). This data may appear in future publications or updates.
<p>Information will only be published for provider sites that have submitted complete Adverse Events data for the current PHIN reporting period.</p> <p>Any site that has not submitted complete data will be reported as having submitted 'Insufficient data'.</p>	<p>Data is deemed to be complete based on the EVENT_DATE of all infection adverse events reported to PHIN by the private provider.</p> <p>Data are deemed to be complete if a provider has:</p> <ul style="list-style-type: none"> <li>• Submitted at least one adverse event (of any kind) with an EVENT_DATE occurring in a particular month; OR</li> <li>• Has submitted a null return for the month without any other events reported; AND</li> <li>• Has made either of the above submissions for every month occurring with the reporting period.</li> </ul> <p>Note: if conflicting positive events and a null return are received for a given month, the null return is disregarded.</p>
<b>Data validations</b>	
All Adverse Event records must link back to a valid APC record.	Each Adverse Event and APC record for the same patient should include matching values in the PROVIDER, PROVSPNUM and EPIORDER fields. This enables each record to be linked and the records validated with respect to each other. If it is not possible to link these records together the Adverse Event rate data is deemed to be invalid and is not published.
Only information relating to private patients is published. This comprises privately funded care in both independent sites and NHS PUs and excludes NHS-funded care.	Only Adverse Event records that link to APC records where ADMINCAT= 2 (private) are included.
PHIN does not currently publish any information based on APC records containing any of a list of proscribed	NHS Digital 2016: <a href="#">Submitting Anonymous and Sensitive Records to SUS</a>



procedures and diagnoses, which NHS Digital has deemed “sensitive”. This is in line with NHS Digital policy and is something PHIN has currently decided to adhere to. This means that if an APC record associated with an Adverse Event contains one of these codes the Adverse Event information will not be included for publication.	
PHIN does not publish information relating to outpatient activity.	Outpatient activity is excluded from the CMA Order. Private providers do not send outpatient information to PHIN.
Disclosure control	
Small numbers of adverse event responses are published in line with NHS reporting standards for small number suppression.	PHIN will apply the same reporting standard.

#### 4.2 SSI Specific rules and caveats

These rules and caveats must be considered when examining the SSI measures to ensure they are interpreted correctly.

*Table 7: Rules and caveats applicable to SSI*

Summary	Technical detail (where needed)
General notes	
PHIN will be publishing the SSI counts and rates for hip replacements and knee replacements (primary and revision) as defined by PHE.	<p>PHIN’s ability to publish SSI information is dependent on the coding of data that providers send us. This includes the requirement for them to submit accurate coding in order for the procedure to be correctly classified by OPCS code.</p> <p>SSI will only be published at provider site level and for the PHE-defined hip or knee replacement procedures (primary or revision).</p> <p>On the PHIN public website, SSI will only be shown where the user has undertaken a procedure-specific search which included</p>



	<p>one of the following PHIN procedure groups:</p> <ul style="list-style-type: none"> <li>• Hip Replacement – Primary</li> <li>• Hip Replacement – Revision</li> <li>• Knee Replacement - Primary</li> <li>• Knee Replacement Primary – Unicompartmental</li> <li>• Knee Replacement Primary – Patellofemoral</li> <li>• Knee Replacement - Revision</li> </ul> <p>As the PHE method does not differentiate between PHIN’s three different types of primary knee replacement, users selecting any one of these three procedure groups will see the same SSI results.</p> <p>Classification of an APC record as either a hip or knee replacement is determined by the list of OPCS codes published by <a href="#">PHE</a>. As PHE’s data collection system allows data entry users to specify joint type separate to the recording of OPCS codes it has not include site and laterality codes in its list. PHIN therefore relies on providers having included these secondary codes within their submitted APC data in order for it to assign generic joint replacement OPCS codes to the correct body site. These secondary codes come from the “Z” chapter of the OPCS list of codes and the ones used by PHIN are as follows:</p> <p>For hip replacement:</p> <ul style="list-style-type: none"> <li>• Z756 Acetabulum</li> <li>• Z761 Head of femur</li> <li>• Z843 Hip joint</li> </ul> <p>For knee replacement:</p> <ul style="list-style-type: none"> <li>• Z765 Lower end of femur NEC</li> <li>• Z771 Condyle of tibia</li> <li>• Z774 Upper end of tibia NEC</li> <li>• Z845 Tibiofemoral joint</li> <li>• Z846 Knee joint</li> <li>• Z844 Patellofemoral joint</li> </ul>
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	<p>We have used the PHE supplied OPCS coding to differentiate between primary and revision procedures.</p> <p>A reported SSI will not be published if it links to an APC record that contains none of the OPCS codes present in the PHE list.</p>
<p>Data publication considerations</p>	
<p>Adverse Events records must link to a valid APC record to be included for publication.</p>	<p>Each Adverse Event and APC record should include matching values in the PROVIDER, PROVSPNUM and EPIORDER fields. This enables each record to be linked and the records validated with respect to each other. If it is not possible to link these records together the data is deemed to be invalid and is not published.</p>
<p>The SSI measure is based on data that are submitted directly by private providers to PHIN. The CMA Order places a legal requirement on these organisations to provide PHIN with information that is “sufficiently detailed and complete” for PHIN to be able to publish accurate information.</p>	<p>PHIN publishes information on the assumption that providers have submitted all records needed for publication and none have been withheld.</p> <p>Where a provider has submitted data to PHIN about a particular type of adverse events in a given month but has not included information about any other adverse event types, this is interpreted as there having been no other adverse events for this month.</p> <p>For example, if a provider reported only a single HCAI adverse event and no others in their January submission, this would be taken to mean that there had only been the one stated event in that one month period.</p>
<p>Issues resulting from the time lag between an SSI occurring and it being reported to PHIN.</p>	<p>Because of the clinical nature of SSI, some may not be detected for up to a year following surgery. In such cases PHIN may have already published its measures for the reporting period to which the SSI related. In such circumstances the measure would have under-reported the true incidence.</p> <p>If this SSI is eventually submitted to PHIN</p>





	<p>and linked to an APC record which is still included in the reporting period then the incidence will eventually be correctly stated. Where the SSI arrives after the APC record has dropped out of the reporting period then it will never appear on the public website. However, as PHIN publishes data sheets relating to all previous reporting periods, this SSI will eventually be included in this publication.</p> <p>An SSI with an EVENT_DATE (the date on which the infection was received by the lab) which is more than 365 days after the linked APC record's procedure date (which relates to either a hip or knee replacement) will also be excluded from the measure.</p>
<p>The data will be published in line with the current PHIN reporting period.</p>	<p>Only SSI reported to PHIN which have an EVENT_DATE falling within the relevant reporting period.</p> <p>Where percentage risk is calculated, the denominator is based on the admitted patient care data during the current PHIN 12-month reporting period. For SSI, this is the number of discharges in the period.</p> <p>Any data submitted after the PHIN data freeze will not appear in the current reporting period publication (even if it relates to events or activity during the reporting period). This data may appear in future revisions or updates.</p>
<p>Information will only be published for provider sites that have submitted complete Adverse Events data for the current PHIN reporting period.</p> <p>Any site that has not submitted complete data will be reported as having submitted 'Insufficient data'.</p>	<p>Data is deemed to be complete based on the EVENT_DATE of all Adverse Events (which include HCAI, SSI, Never Events and other adverse events) reported to PHIN by the private provider.</p> <p>Data are deemed to be complete if a provider has:</p> <ul style="list-style-type: none"> <li>• Submitted at least one adverse event (of any kind) with an event occurring in a particular month; OR</li> <li>• Has submitted a null return for any</li> </ul>



	<p>month without any other events reported; AND</p> <ul style="list-style-type: none"> <li>Has made either of the above submissions for every month occurring with the reporting period.</li> </ul> <p>Note: if conflicting positive events and a null return are received for a given month, the null return is disregarded.</p>
<p>Data validations</p>	
<p>All Adverse Event records must link back to a valid APC record.</p>	<p>Each Adverse Event and APC record for the same patient should include matching values in the PROVIDER, PROVSPNUM and EPIORDER fields. This enables each record to be linked and the records validated with respect to each other. If it is not possible to link these records together the Adverse Event rate data is deemed to be invalid and is not published.</p>
<p>Only information relating to private patients is published. This comprises privately funded care in both independent sites and NHS PPUs and excludes NHS-funded care.</p>	<p>Only Adverse Event records that link to APC records where ADMINCAT= 2 (private) are included.</p>
<p>PHIN does not currently publish any information based on APC records containing any of a list of proscribed procedures and diagnoses, which NHS Digital has deemed “sensitive”. This is in line with NHS Digital policy and is something PHIN has currently decided to adhere to. This means that if an APC record associated with an Adverse Event contains one of these codes the Adverse Event information will not be included for publication.</p>	<p>NHS Digital 2016: <a href="#">Submitting Anonymous and Sensitive Records to SUS</a></p>
<p>PHIN does not publish information relating to outpatient activity.</p>	<p>Outpatient activity is excluded from the CMA Order. Private providers do not send outpatient information to PHIN.</p>
<p>Disclosure control</p>	



Small numbers of adverse event responses are published in line with NHS reporting standards for small number suppression.

PHIN will apply the same reporting standard.



## 5 Results - Healthcare-associated infections

### 5.1 Definition

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#### ***Public Health England definition of healthcare-associated infections***

*Healthcare-associated infections (HCAI) can develop either as a direct result of healthcare interventions such as medical or surgical treatment, or from being in contact with a healthcare setting. HCAI cover any infection contracted: as a direct result of treatment in, or contact with, a health or social care setting, as a direct result of healthcare delivery in the community or as a result of an infection originally acquired outside a healthcare setting (for example, in the community) and brought into a healthcare setting by patients, staff or visitors and transmitted to others within that setting (for example, norovirus).*

*HCAI pose a serious risk to patients, clients, staff and visitors to health and social care premises. They can incur significant costs for the NHS and others and cause significant morbidity and mortality for those infected.*

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[Mandatory Enhanced Healthcare Acquired Infection Surveillance](#) is conducted by Public Health England (PHE) for Methicillin Resistant *Staphylococcus aureus* (MRSA) bacteraemia, Methicillin Sensitive *Staphylococcus aureus* bacteraemia (MSSA), *Escherichia coli* bacteraemia, *Clostridium difficile*, *Pseudomonas aeruginosa* bacteraemia and *Klebsiella* species bacteraemia. PHIN is collecting HCAI data from sites using the [PHE definitions and method](#).

Monitoring of cases is vital for individual organisations to support them in reducing HCAI through improved infection prevention and control.

### 5.2 PHIN's publication of HCAI

PHIN is publishing the same HCAI measures as published by PHE using the same definitions of infection for each subtype of HCAI as used in the Independent Sector PHE data collection. These are described in Appendix B - PHE Definition of HCAI.

PHE has a different method of calculating the rate denominator for the Independent Sector to that of the NHS. PHIN has replicated this approach. The denominator used is the sum of the bed days per reporting period plus the sum of discharges per reporting period. This is deemed more appropriate for short-stay facilities with higher numbers of day cases.

The sum of bed days is based on the number of different days (falling within a given reporting period) on which a patient was in the hospital. A day case will therefore count as



one and a one-night stay in the reporting period will count two (examples of how PHE bed days are given in the PHE HCAI [surveillance protocol](#)).

The results in Table 8 are based on data from provider sites falling into publication status category (1) i.e. sites for which both counts and rates can be published.

*Table 8: HCAI measures by type of infection based on provider sites submitting complete adverse event and APC data (1st January 2019 to 31st December 2019).*

Infection	Sector	Number of Infections	Bed Days	Rate per 100,000
C. difficile infection	IND	49	1,373,805	3.6
C. difficile infection	NHS PPU	2	100,377	2.0
<b>C. difficile infection</b>	<b>Total</b>	<b>51</b>	<b>1,474,182</b>	<b>3.5</b>
E. coli bacteraemia	IND	145	1,373,805	10.6
E. coli bacteraemia	NHS PPU	1	100,377	1.0
<b>E. coli bacteraemia</b>	<b>Total</b>	<b>146</b>	<b>1,474,182</b>	<b>9.9</b>
Klebsiella bacteraemia	IND	61	1,373,805	4.4
Klebsiella bacteraemia	NHS PPU	0	100,377	0.0
<b>Klebsiella bacteraemia</b>	<b>Total</b>	<b>61</b>	<b>1,474,182</b>	<b>4.1</b>
MRSA bacteraemia	IND	4	1,373,805	0.3
MRSA bacteraemia	NHS PPU	1	100,377	1.0
<b>MRSA bacteraemia</b>	<b>Total</b>	<b>5</b>	<b>1,474,182</b>	<b>0.3</b>
MSSA bacteraemia	IND	24	1,373,805	1.7
MSSA bacteraemia	NHS PPU	0	100,377	0.0
<b>MSSA bacteraemia</b>	<b>Total</b>	<b>24</b>	<b>1,474,182</b>	<b>1.6</b>
Pseudomonas bacteraemia	IND	41	1,373,805	3.0
Pseudomonas bacteraemia	NHS PPU	0	100,377	0.0
<b>Pseudomonas bacteraemia</b>	<b>Total</b>	<b>41</b>	<b>1,474,182</b>	<b>2.8</b>
Healthcare Associated Infection	IND	324	1,373,805	23.6
Healthcare Associated Infection	NHS PPU	4	100,377	4.0
<b>Healthcare Associated Infection</b>	<b>Total</b>	<b>328</b>	<b>1,474,182</b>	<b>22.2</b>

Table 8 only contains data for sites falling into publication category 1, (Publication of counts and rates of HCAI and SSI).

The results in Table 9 are based on data for sites falling into publication status category (2) i.e. sites for which only counts can be published.



Table 9: HCAI measures by type of infection based on provider sites submitting either partial adverse event data or incomplete APC data (1st January 2019 to 31st December 2019).

Infection	Sector	Number of Infections
C. difficile infection	IND	0
C. difficile infection	NHS PPU	3
<b>C. difficile infection</b>	<b>Total</b>	<b>3</b>
E. coli bacteraemia	IND	1
E. coli bacteraemia	NHS PPU	2
<b>E. coli bacteraemia</b>	<b>Total</b>	<b>3</b>
Klebsiella bacteraemia	IND	0
Klebsiella bacteraemia	NHS PPU	0
<b>Klebsiella bacteraemia</b>	<b>Total</b>	<b>0</b>
MRSA bacteraemia	IND	0
MRSA bacteraemia	NHS PPU	0
<b>MRSA bacteraemia</b>	<b>Total</b>	<b>0</b>
MSSA bacteraemia	IND	0
MSSA bacteraemia	NHS PPU	0
<b>MSSA bacteraemia</b>	<b>Total</b>	<b>0</b>
Pseudomonas bacteraemia	IND	0
Pseudomonas bacteraemia	NHS PPU	0
<b>Pseudomonas bacteraemia</b>	<b>Total</b>	<b>0</b>
Healthcare Associated Infection	IND	1
Healthcare Associated Infection	NHS PPU	5
<b>Healthcare Associated Infection</b>	<b>Total</b>	<b>6</b>

N.B. Where a site does not have full twelve months of adverse events data, none of any reported infections will be published on the PHIN's public facing web site; instead the site will appear with the messaging "Insufficient information provided by this hospital"



Table 10: HCAI by provider site and type of infection (1st January 2019 to 31st December 2019). This table only includes provider sites which have submitted twelve months of adverse events and APC data and have reported at least one infection.

Infection	Provider	Site	Sector	Number of Infections	Bed days	Rate per 100,000 bed days
C. difficile infection	Bupa Cromwell Hospital	Bupa Cromwell Hospital	IND	1	27,884	3.6
C. difficile infection	Fairfield Independent Hospital	Fairfield Independent Hospital	IND	1	1,933	51.7
C. difficile infection	HCA International	Harley Street Clinic	IND	3	18,473	16.2
C. difficile infection	HCA International	HCA Healthcare UK at University College Hospital	IND	4	14,121	28.3
C. difficile infection	HCA International	Lister Hospital	IND	2	13,454	14.9
C. difficile infection	HCA International	London Bridge Hospital	IND	6	41,247	14.5
C. difficile infection	HCA International	Portland Hospital	IND	4	21,084	19.0
C. difficile infection	HCA International	Princess Grace Hospital	IND	6	31,881	18.8
C. difficile infection	HCA International	The Christie Private Care	IND	4	8,350	47.9
C. difficile infection	HCA International	The Wellington Hospital	IND	14	53,806	26.0
C. difficile infection	Nuffield Health	Nuffield Health Hereford Hospital	IND	1	2,044	48.9
C. difficile infection	Royal Free London NHS Foundation Trust	Royal Free Hospital	NHS PPU	2	14,342	13.9
C. difficile infection	Spire Healthcare	Spire Southampton Hospital	IND	1	31,592	3.2
C. difficile infection	The London Clinic	The London Clinic	IND	2	49,346	4.1
E. coli bacteraemia	Aspen Healthcare	Aspen - Parkside Hospital Wimbledon	IND	6	16,917	35.5
E. coli bacteraemia	Bupa Cromwell Hospital	Bupa Cromwell Hospital	IND	13	27,884	46.6
E. coli bacteraemia	HCA International	Harley Street Clinic	IND	3	18,473	16.2
E. coli bacteraemia	HCA International	HCA Healthcare UK at University College Hospital	IND	13	14,121	92.1
E. coli bacteraemia	HCA International	Lister Hospital	IND	9	13,454	66.9
E. coli bacteraemia	HCA International	London Bridge Hospital	IND	11	41,247	26.7
E. coli bacteraemia	HCA International	Portland Hospital	IND	1	21,084	4.7
E. coli bacteraemia	HCA International	Princess Grace Hospital	IND	24	31,881	75.3
E. coli bacteraemia	HCA International	The Christie Private Care	IND	12	8,350	143.7

Infection	Provider	Site	Sector	Number of Infections	Bed days	Rate per 100,000 bed days
E. coli bacteraemia	HCA International	The Wellington Hospital	IND	19	53,806	35.3
E. coli bacteraemia	Hospital Of St John And St Elizabeth	Hospital of St John & St Elizabeth	IND	2	16,675	12.0
E. coli bacteraemia	Imperial College Healthcare NHS Trust	Hammersmith Hospital	NHS PPU	1	6,361	15.7
E. coli bacteraemia	Nuffield Health	Nuffield Health Cambridge Hospital	IND	1	8,362	12.0
E. coli bacteraemia	Nuffield Health	Nuffield Health Cardiff Bay & Vale Hospitals	IND	1	3,532	28.3
E. coli bacteraemia	Nuffield Health	Nuffield Health Cheltenham Hospital	IND	1	6,117	16.3
E. coli bacteraemia	Nuffield Health	Nuffield Health Guildford Hospital	IND	1	12,950	7.7
E. coli bacteraemia	Nuffield Health	Nuffield Health Taunton Hospital	IND	1	3,572	28.0
E. coli bacteraemia	Nuffield Health	Nuffield Health Tunbridge Wells Hospital	IND	1	6,069	16.5
E. coli bacteraemia	Ramsay Health Care UK	Oaks Hospital	IND	1	4,243	23.6
E. coli bacteraemia	Spire Healthcare	Spire Norwich Hospital	IND	1	7,468	13.4
E. coli bacteraemia	Spire Healthcare	Spire Southampton Hospital	IND	3	31,592	9.5
E. coli bacteraemia	The London Clinic	The London Clinic	IND	21	49,346	42.6
Klebsiella bacteraemia	BMI Healthcare	BMI The Clementine Churchill Hospital	IND	1	11,545	8.7
Klebsiella bacteraemia	Bupa Cromwell Hospital	Bupa Cromwell Hospital	IND	4	27,884	14.3
Klebsiella bacteraemia	HCA International	Harley Street Clinic	IND	4	18,473	21.7
Klebsiella bacteraemia	HCA International	Lister Hospital	IND	2	13,454	14.9
Klebsiella bacteraemia	HCA International	London Bridge Hospital	IND	16	41,247	38.8
Klebsiella bacteraemia	HCA International	Princess Grace Hospital	IND	6	31,881	18.8
Klebsiella bacteraemia	HCA International	The Christie Private Care	IND	1	8,350	12.0
Klebsiella bacteraemia	HCA International	The Wellington Hospital	IND	15	53,806	27.9
Klebsiella bacteraemia	Nuffield Health	Nuffield Health Cambridge Hospital	IND	2	8,362	23.9
Klebsiella bacteraemia	Nuffield Health	Nuffield Health Tunbridge Wells Hospital	IND	1	6,069	16.5
Klebsiella bacteraemia	The London Clinic	The London Clinic	IND	9	49,346	18.2
MRSA bacteraemia	Bupa Cromwell Hospital	Bupa Cromwell Hospital	IND	1	27,884	3.6





Infection	Provider	Site	Sector	Number of Infections	Bed days	Rate per 100,000 bed days
MRSA bacteraemia	HCA International	HCA Healthcare UK at University College Hospital	IND	1	14,121	7.1
MRSA bacteraemia	Nuffield Health	Nuffield Health Cambridge Hospital	IND	1	8,362	12.0
MRSA bacteraemia	Royal Free London NHS Foundation Trust	Royal Free Hospital	NHS PPU	1	14,342	7.0
MRSA bacteraemia	The London Clinic	The London Clinic	IND	1	49,346	2.0
MSSA bacteraemia	Aspen Healthcare	Aspen - Parkside Hospital Wimbledon	IND	2	16,917	11.8
MSSA bacteraemia	BMI Healthcare	BMI Goring Hall Hospital	IND	1	4,573	21.9
MSSA bacteraemia	Bupa Cromwell Hospital	Bupa Cromwell Hospital	IND	2	27,884	7.2
MSSA bacteraemia	HCA International	Harley Street Clinic	IND	3	18,473	16.2
MSSA bacteraemia	HCA International	HCA Healthcare UK at University College Hospital	IND	2	14,121	14.2
MSSA bacteraemia	HCA International	Lister Hospital	IND	1	13,454	7.4
MSSA bacteraemia	HCA International	London Bridge Hospital	IND	1	41,247	2.4
MSSA bacteraemia	HCA International	Princess Grace Hospital	IND	4	31,881	12.5
MSSA bacteraemia	HCA International	The Wellington Hospital	IND	1	53,806	1.9
MSSA bacteraemia	Ramsay Health Care UK	Fulwood Hall Hospital	IND	1	1,536	65.1
MSSA bacteraemia	Ramsay Health Care UK	Rivers Hospital	IND	1	7,226	13.8
MSSA bacteraemia	The London Clinic	The London Clinic	IND	5	49,346	10.1
Pseudomonas bacteraemia	Aspen Healthcare	Aspen - Parkside Hospital Wimbledon	IND	1	16,917	5.9
Pseudomonas bacteraemia	Bupa Cromwell Hospital	Bupa Cromwell Hospital	IND	3	27,884	10.8
Pseudomonas bacteraemia	HCA International	HCA Healthcare UK at University College Hospital	IND	1	14,121	7.1
Pseudomonas bacteraemia	HCA International	Lister Hospital	IND	2	13,454	14.9
Pseudomonas bacteraemia	HCA International	London Bridge Hospital	IND	10	41,247	24.2
Pseudomonas bacteraemia	HCA International	Portland Hospital	IND	1	21,084	4.7



Infection	Provider	Site	Sector	Number of Infections	Bed days	Rate per 100,000 bed days
Pseudomonas bacteraemia	HCA International	Princess Grace Hospital	IND	5	31,881	15.7
Pseudomonas bacteraemia	HCA International	The Christie Private Care	IND	2	8,350	24.0
Pseudomonas bacteraemia	HCA International	The Wellington Hospital	IND	4	53,806	7.4
Pseudomonas bacteraemia	Healthcare Management Trust	Sancta Maria Hospital	IND	2	4,669	42.8
Pseudomonas bacteraemia	The London Clinic	The London Clinic	IND	10	49,346	20.3



Table 11: Healthcare associated infections by type of infection for sites which have not submitted twelve months of adverse events (1st January 2019 to 31st December 2019).

Infection	Provider	Site	Sector	Number of Infections	Months of Data
C. difficile infection	The Royal Marsden NHS Foundation Trust	Royal Marsden Chelsea Hospital	NHS PPU	3	11/12
E. coli bacteraemia	HCA International	Leader of Oncology Care at 95 Harley Street	IND	1	10/12
E. coli bacteraemia	The Royal Marsden NHS Foundation Trust	Royal Marsden Chelsea Hospital	NHS PPU	1	11/12
E. coli bacteraemia	The Royal Marsden NHS Foundation Trust	Royal Marsden Sutton Hospital	NHS PPU	1	9/12



## 6 Results - Surgical Site Infections (SSI)

### 6.1 Definition

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#### ***United States Centers for Disease Control and Prevention Definition***

*Surgical site infection refers to an infection that occurs after surgery in the part of the body where the surgery took place. Surgical site infections can sometimes be superficial infections involving the skin only. Other surgical site infections are more serious and can involve tissues under the skin, organs, or implanted material.*

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Public Health England collects and publishes Surgical Site Infections data (SSI) in 17 surgical categories. SSI are defined according to a standard set of clinical criteria for infections that affect the skin and subcutaneous layer of the incision and those that affect deeper tissues (deep incisional or organ space). These are based on definitions established by the US Centers for Disease Control and Prevention (CDC) and available from [Public Health England](#) with detailed guidance on protocols, definitions and data collection available [here](#).

Surgical site infections are associated with significant morbidity for patients, resulting in an extended length of stay, pain and sometimes prolonged or even permanent disability. PHE's programme of surgical site infection surveillance aims to enhance the quality of patient care by encouraging hospitals to use data to compare their rates of infections overtime and therefore review and guide clinical practice.

PHE publish information for hip and knee replacement surgery (both primary and revision surgery).

### 6.2 PHIN publication of SSI

PHIN's initial publication of SSI data is for hip and knee replacement surgery – both for primary and revision procedures – using the same method as PHE.

While PHE publication is at trust level, the CMA order requires PHIN to publish its data at hospital site level. The number of infections will be published as well as the percentage prevalence when possible (see section 2).



Table 12: Surgical site infections by procedure type and hospital sector based on provider sites submitting complete data (1st January 2019 to 31st December 2019).

‡ Denotes where an SSI may appear under two separate procedures that took place during the same spell.

Procedure	Sector	Number of Infections	Discharges	% SSI
Hip replacement (primary)	IND	24	15,223	0.2
Hip replacement (primary)	NHS PPU	0	654	0.0
<b>Hip replacement (primary)</b>	<b>Total</b>	<b>24</b>	<b>15,877</b>	<b>0.2</b>
Hip replacement (revision)	IND	2	767	0.3
Hip replacement (revision)	NHS PPU	0	261	0.0
<b>Hip replacement (revision)</b>	<b>Total</b>	<b>2</b>	<b>1028</b>	<b>0.2</b>
Knee replacement (primary)	IND	33 (‡)	13,517	0.2
Knee replacement (primary)	NHS PPU	0	605	0.0
<b>Knee replacement (primary)</b>	<b>Total</b>	<b>33</b>	<b>14,122</b>	<b>0.2</b>
Knee replacement (revision)	IND	3 (‡)	762	0.4
Knee replacement (revision)	NHS PPU	0	242	0.0
<b>Knee replacement (revision)</b>	<b>Total</b>	<b>3</b>	<b>1004</b>	<b>0.3</b>

Table 13: Surgical site infections by procedure type and hospital sector based on provider sites submitting partial adverse event data or incomplete APC data (1st January 2019 to 31st December 2019).

Procedure	Sector	Number of Infections
Hip replacement (primary)	IND	1



Table 14: Surgical site infections by type of infection by sites (1st January 2019 to 31st December 2019). This only includes sites which have submitted twelve months of adverse events data and have at least one infection reported.

PHIN Procedure Group	Provider	Site	Sector	Number of Infections	Discharges	% SSI
Hip replacement (primary)	Benenden Hospital Trust	Benenden Hospital	IND	1	124	0.8
Hip replacement (primary)	BMI Healthcare	BMI Sarum Road Hospital	IND	1	44	2.3
Hip replacement (primary)	Healthcare Management Trust	Sancta Maria Hospital	IND	2	143	1.4
Hip replacement (primary)	Nuffield Health	Nuffield Health Brentwood Hospital	IND	1	74	1.4
Hip replacement (primary)	Nuffield Health	Nuffield Health Cambridge Hospital	IND	2	159	1.3
Hip replacement (primary)	Nuffield Health	Nuffield Health Chichester Hospital	IND	1	133	0.8
Hip replacement (primary)	Nuffield Health	Nuffield Health Exeter Hospital	IND	1	260	0.4
Hip replacement (primary)	Nuffield Health	Nuffield Health Haywards Heath Hospital	IND	1	70	1.4
Hip replacement (primary)	Nuffield Health	Nuffield Health Leeds Hospital	IND	1	153	0.7
Hip replacement (primary)	Nuffield Health	Nuffield Health Oxford, The Manor Hospital	IND	1	299	0.3
Hip replacement (primary)	Nuffield Health	Nuffield Health Plymouth Hospital	IND	1	87	1.2
Hip replacement (primary)	Nuffield Health	Nuffield Health Warwickshire Hospital	IND	1	182	0.6
Hip replacement (primary)	Nuffield Health	Nuffield Health Wessex Hospital	IND	2	199	1.0
Hip replacement (primary)	Nuffield Health	Nuffield Health Woking Hospital	IND	1	73	1.4
Hip replacement (primary)	One Healthcare Group Ltd	One Ashford Hospital	IND	1	125	0.8
Hip replacement (primary)	Ramsay Health Care UK	Duchy Hospital	IND	1	81	1.2
Hip replacement (primary)	Ramsay Health Care UK	Winfield Hospital	IND	1	100	1.0
Hip replacement (primary)	Spire Healthcare	Spire Bushey Hospital	IND	1	174	0.6
Hip replacement (primary)	Spire Healthcare	Spire Murrayfield Hospital Edinburgh	IND	1	463	0.2
Hip replacement (primary)	Spire Healthcare	Spire Wellesley Hospital	IND	1	102	1.0
Hip replacement (primary)	The London Clinic	The London Clinic	IND	1	198	0.5
Hip replacement (revision)	Nuffield Health	Nuffield Health Cheltenham Hospital	IND	1	*	*
Hip replacement (revision)	Nuffield Health	Nuffield Health Plymouth Hospital	IND	1	*	*
Knee replacement (primary)	Aspen Healthcare	Aspen - The Holly Private Hospital	IND	1	43	2.3
Knee replacement (primary)	BMI Healthcare	BMI Goring Hall Hospital	IND	1	142	0.7



PHIN Procedure Group	Provider	Site	Sector	Number of Infections	Discharges	% SSI
Knee replacement (primary)	Bupa Cromwell Hospital	Bupa Cromwell Hospital	IND	1	242	0.4
Knee replacement (primary)	Healthcare Management Trust	Sancta Maria Hospital	IND	1	95	1.1
Knee replacement (primary)	Nuffield Health	Nuffield Health Brentwood Hospital	IND	1	98	1.0
Knee replacement (primary)	Nuffield Health	Nuffield Health Cambridge Hospital	IND	1	114	0.9
Knee replacement (primary)	Nuffield Health	Nuffield Health Exeter Hospital	IND	2	252	0.8
Knee replacement (primary)	Nuffield Health	Nuffield Health Haywards Heath Hospital	IND	1	31	3.2
Knee replacement (primary)	Nuffield Health	Nuffield Health Leeds Hospital	IND	1	124	0.8
Knee replacement (primary)	Nuffield Health	Nuffield Health Oxford, The Manor Hospital	IND	4	295	1.4
Knee replacement (primary)	Nuffield Health	Nuffield Health Plymouth Hospital	IND	2	83	2.4
Knee replacement (primary)	Nuffield Health	Nuffield Health Shrewsbury Hospital	IND	1	39	2.6
Knee replacement (primary)	Nuffield Health	Nuffield Health Tunbridge Wells Hospital	IND	1	82	1.2
Knee replacement (primary)	Nuffield Health	Nuffield Health Warwickshire Hospital	IND	1	165	0.6
Knee replacement (primary)	Nuffield Health	Nuffield Health Woking Hospital	IND	1	63	1.6
Knee replacement (primary)	One Healthcare Group Ltd	One Ashford Hospital	IND	3	95	3.2
Knee replacement (primary)	Ramsay Health Care UK	Euxton Hall Hospital	IND	1	14	7.1
Knee replacement (primary)	Ramsay Health Care UK	Fitzwilliam Hospital	IND	2	98	2.0
Knee replacement (primary)	Ramsay Health Care UK	Oaks Hospital	IND	1	75	1.3
Knee replacement (primary)	Ramsay Health Care UK	Winfield Hospital	IND	1	70	1.4
Knee replacement (primary)	Ramsay Health Care UK	Woodland Hospital	IND	1	54	1.9
Knee replacement (primary)	Ramsay Health Care UK	Yorkshire Clinic	IND	1	43	2.3
Knee replacement (primary)	Spire Healthcare	Spire Montefiore Hospital	IND	1	88	1.1
Knee replacement (primary)	Spire Healthcare	Spire Regency Hospital	IND	1	35	2.9
Knee replacement (primary)	The London Clinic	The London Clinic	IND	1	82	1.2
Knee replacement (revision)	Nuffield Health	Nuffield Health Leeds Hospital	IND	2	8	25.0
Knee replacement (revision)	Spire Healthcare	Spire Gatwick Park Hospital	IND	1	*	*

Notes:

\* Denotes where a number or rate are suppressed based on small numbers.



‡ Denotes where an SSI may appear under two separate procedures that took place on the same spell.

Table 15: Surgical site infections by type of infection for sites which have not submitted twelve months of adverse events (1st January 2019 to 31st December 2019).

PHIN Procedure Group	Provider	Site	Sector	Number of Infections	Months of Data
Hip replacement (primary)	Healthcare Management Trust	St Hugh's Hospital	IND	1 (‡)	11/12





## 7 Appendix A – Breakdown of infection measures publication status by private provider site

In Table 156, Sector refers to the two principal types of private healthcare facilities falling under the remit of the CMA Order:

- IND (independent hospitals): means organisations providing care that is paid for in a number of ways, including self-funding by patients, through private and company medical insurance arrangements, or directly commissioned by NHS organisations and clinical commissioning groups.
- NHS PPU (NHS Private Patients Units): means a private patient unit, which is a facility within a national health service providing inpatient, day-case patient or outpatient privately-funded healthcare services to private patients; such units may be separate units dedicated to private patients or be facilities within a main national health service site which are made available to private patients either on a dedicated or non-dedicated basis;

Table 156: The publication status of provider sites by provider/Trust and sector

Provider	Site	Sector	Infection Data Publication Status
152 Harley Street	152 Harley Street	IND	No measure publication - insufficient adverse event data
Abertawe Bro Morgannwg University Health Board	Bridgend Clinic	NHS PPU	No measure publication - insufficient adverse event data
Abertawe Bro Morgannwg University Health Board	Morrison Hospital	NHS PPU	No measure publication - insufficient adverse event data
Abertawe Bro Morgannwg University Health Board	Neath Port Talbot Hospital	NHS PPU	No measure publication - insufficient adverse event data
Abertawe Bro Morgannwg University Health Board	Princess of Wales Hospital	NHS PPU	No measure publication - insufficient adverse event data
Abertawe Bro Morgannwg University Health Board	Singleton Hospital	NHS PPU	No measure publication - insufficient adverse event data
Aesthetic Beauty Centre	Ashmore Consulting Room	IND	No measure publication - insufficient adverse event data
Aesthetic Beauty Centre	The Old Vicarage	IND	No measure publication - insufficient adverse event data
Airedale NHS Foundation Trust	Airedale General Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Alder Hey Children's NHS	Alder Hey Children's Hospital	NHS PPU	Publication of HCAI and SSI measures with rates



Provider	Site	Sector	Infection Data Publication Status
Foundation Trust			
Alexandra Health Care Limited	Alexandra Private Hospital	IND	No measure publication - insufficient adverse event data
Ambulatory Surgery International	OneWelbeck Digestive Health <sup>8</sup>	IND	No measure publication - insufficient adverse event data
Ambulatory Surgery International	OneWelbeck Heart Health <sup>8</sup>	IND	No measure publication - insufficient adverse event data
Aneurin Bevan University Health Board	Nevill Hall Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Aneurin Bevan University Health Board	Royal Gwent Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Aneurin Bevan University Health Board	St Woolos Acute Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Aneurin Bevan University Health Board	Ysbyty Ystrad Fawr	NHS PPU	Publication of HCAI and SSI measures without rates
Aspen Healthcare	Aspen - Claremont Private Hospital	IND	Publication of HCAI and SSI measures with rates
Aspen Healthcare	Aspen - Highgate Private Hospital	IND	Publication of HCAI and SSI measures with rates
Aspen Healthcare	Aspen - Midland Eye	IND	Publication of HCAI and SSI measures with rates
Aspen Healthcare	Aspen - Nova Healthcare	IND	No measure publication - insufficient adverse event data
Aspen Healthcare	Aspen - Parkside Hospital Wimbledon	IND	Publication of HCAI and SSI measures with rates
Aspen Healthcare	Aspen - The Chelmsford <sup>8</sup>	IND	No measure publication - insufficient adverse event data
Aspen Healthcare	Aspen - The Edinburgh Clinic	IND	Publication of HCAI and SSI measures with rates
Aspen Healthcare	Aspen - The Holly Private Hospital	IND	Publication of HCAI and SSI measures with rates
Baddow Hospital	Baddow Hospital	IND	No measure publication - insufficient adverse event data
Barts Health NHS Trust	Newham University Hospital	NHS PPU	No measure publication - insufficient adverse event data
Barts Health NHS Trust	St Bartholomew's Hospital	NHS PPU	Publication of HCAI and SSI measures without rates
Barts Health NHS Trust	The Royal London Hospital	NHS PPU	Publication of HCAI and SSI measures without rates
Barts Health NHS Trust	Whipps Cross University Hospital	NHS PPU	Publication of HCAI and SSI measures without rates
Basildon and Thurrock University	Basildon University Hospital	NHS PPU	No measure publication - insufficient adverse event data

<sup>8</sup>This hospital / provider was unable to provide data for the full publication period as it was opened, closed, or changed ownership during the relevant period.



Provider	Site	Sector	Infection Data Publication Status
Hospitals NHS Foundation Trust			
Bedford Hospital NHS Trust	Bedford Hospital South Wing	NHS PPU	No measure publication - insufficient adverse event data
Belfast Health and Social Care Trust	Belfast City Hospital	NHS PPU	No measure publication - insufficient adverse event data
Belfast Health and Social Care Trust	Mater Infirmorum Hospital	NHS PPU	No measure publication - insufficient adverse event data
Belfast Health and Social Care Trust	Musgrave Park Hospital	NHS PPU	No measure publication - insufficient adverse event data
Belfast Health and Social Care Trust	Royal Belfast Hospital for Sick Children	NHS PPU	No measure publication - insufficient adverse event data
Belfast Health and Social Care Trust	Royal Victoria Hospital	NHS PPU	No measure publication - insufficient adverse event data
Bella Vou Pantiles Clinic	The Bella Vou Pantiles Clinic	IND	No measure publication - insufficient adverse event data
Benenden Hospital Trust	Benenden Hospital	IND	Publication of HCAI and SSI measures with rates
Bespoke Healthcare	Greater Lancashire Hospital	IND	Publication of HCAI and SSI measures with rates
Best Life Clinic	Best Life Clinic	IND	No measure publication - insufficient adverse event data
Betsi Cadwaladr University Health Board	Abergele Hospital	NHS PPU	No measure publication - insufficient adverse event data
Betsi Cadwaladr University Health Board	Glan Clwyd Hospital	NHS PPU	No measure publication - insufficient adverse event data
Betsi Cadwaladr University Health Board	Llandudno General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Betsi Cadwaladr University Health Board	Wrexham Maelor Hospital	NHS PPU	No measure publication - insufficient adverse event data
Betsi Cadwaladr University Health Board	Ysbyty Gwynedd	NHS PPU	No measure publication - insufficient adverse event data
Birmingham Women's and Children's NHS Foundation Trust	Birmingham Children's Hospital	NHS PPU	No measure publication - insufficient adverse event data
Blackpool Teaching Hospitals NHS Foundation Trust	Blackpool Victoria Hospital	NHS PPU	No measure publication - insufficient adverse event data
BMI Healthcare	BMI Albyn Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Bath Clinic	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Bishops Wood Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Chelsfield Park Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Coombe Wing	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Gisburne Park Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Goring Hall Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Hendon Hospital	IND	Publication of HCAI and SSI measures with rates



Provider	Site	Sector	Infection Data Publication Status
BMI Healthcare	BMI King's Park Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Mount Alvernia Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Ross Hall Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Sarum Road Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Shirley Oaks Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Southend Private hospital	IND	No measure publication - insufficient adverse event data
BMI Healthcare	BMI St Edmunds Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Alexandra Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Beardwood Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Beaumont Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Blackheath Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Cavell Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Chaucer Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Chiltern Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Clementine Churchill Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Droitwich Spa Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Duchy Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Edgbaston Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Hampshire Clinic	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Harbour Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Highfield Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Huddersfield Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The King's Oak Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Lancaster Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Lincoln Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The London Independent Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Manor Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Meriden Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Park Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Princess Margaret Hospital	IND	Publication of HCAI and SSI measures with rates



Provider	Site	Sector	Infection Data Publication Status
BMI Healthcare	BMI The Priory Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Ridgeway Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Runnymede Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Sandringham Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Saxon Clinic	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Shelburne Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Sloane Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI The Winterbourne Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Thornbury Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Three Shires Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Werndale Hospital	IND	Publication of HCAI and SSI measures with rates
BMI Healthcare	BMI Woodlands Hospital	IND	Publication of HCAI and SSI measures with rates
Bradford Teaching Hospitals NHS Foundation Trust	Bradford Royal Infirmary	NHS PPU	Publication of HCAI and SSI measures without rates
Brighton And Sussex University Hospitals NHS Trust	Hurstwood Park Neurosciences Centre	NHS PPU	No measure publication - insufficient adverse event data
Brighton And Sussex University Hospitals NHS Trust	Princess Royal Hospital	NHS PPU	No measure publication - insufficient adverse event data
Brighton And Sussex University Hospitals NHS Trust	Royal Alexandra Children's Hospital	NHS PPU	No measure publication - insufficient adverse event data
Brighton And Sussex University Hospitals NHS Trust	Royal Sussex County Hospital	NHS PPU	No measure publication - insufficient adverse event data
Brighton And Sussex University Hospitals NHS Trust	Sussex Eye Hospital	NHS PPU	No measure publication - insufficient adverse event data
Brighton And Sussex University Hospitals NHS Trust	Sussex Orthopaedic NHS Treatment Centre	NHS PPU	No measure publication - insufficient adverse event data
Buckinghamshire Healthcare NHS Trust	Stoke Mandeville Hospital	NHS PPU	No measure publication - insufficient adverse event data
Buckinghamshire Healthcare NHS Trust	Wycombe Hospital	NHS PPU	No measure publication - insufficient adverse event data
Bupa Cromwell Hospital	Bupa Cromwell Hospital	IND	Publication of HCAI and SSI measures with rates
Calderdale and Huddersfield NHS Foundation Trust	Calderdale Royal Hospital	NHS PPU	No measure publication - insufficient adverse event data
Calderdale and Huddersfield NHS	Huddersfield Royal Infirmary	NHS PPU	No measure publication - insufficient adverse event data



Provider	Site	Sector	Infection Data Publication Status
Foundation Trust			
Cambridge University Hospitals NHS Foundation Trust	Addenbrooke's Hospital	NHS PPU	Publication of HCAI and SSI measures without rates
Cardiff and Vale University Health Board	University Hospital Llandough	NHS PPU	No measure publication - insufficient adverse event data
Cardiff and Vale University Health Board	University Hospital of Wales	NHS PPU	No measure publication - insufficient adverse event data
Care UK	Barlborough NHS Treatment Centre	IND	No measure publication - insufficient adverse event data
Care UK	Devizes NHS Treatment Centre	IND	No measure publication - insufficient adverse event data
Care UK	Emersons Green NHS Treatment Centre	IND	No measure publication - insufficient adverse event data
Care UK	North East London NHS Treatment Centre	IND	No measure publication - insufficient adverse event data
Care UK	Peninsula NHS Treatment Centre	IND	No measure publication - insufficient adverse event data
Care UK	Shepton Mallet NHS Treatment Centre	IND	No measure publication - insufficient adverse event data
Care UK	Southampton NHS Treatment Centre	IND	No measure publication - insufficient adverse event data
Care UK	St Mary's NHS Treatment Centre	IND	No measure publication - insufficient adverse event data
Care UK	Will Adams NHS Treatment Centre	IND	No measure publication - insufficient adverse event data
Cedar House Clinic Limited	Cedar House Clinic	IND	No measure publication - insufficient adverse event data
Centre for Surgery	Centre for Surgery	IND	No measure publication - insufficient adverse event data
Chelsea and Westminster Hospital NHS Foundation Trust	Chelsea & Westminster Hospital	NHS PPU	No measure publication - insufficient adverse event data
Chelsea and Westminster Hospital NHS Foundation Trust	West Middlesex University Hospital	NHS PPU	No measure publication - insufficient adverse event data
Circle Health	Circle Bath	IND	Publication of HCAI and SSI measures with rates
Circle Health	Circle Nottingham NHS Treatment Centre <sup>9</sup>	IND	No measure publication - insufficient adverse event data

<sup>9</sup> This hospital / provider was unable to provide data for the full publication period as it was opened, closed, or changed ownership during the relevant period.



Provider	Site	Sector	Infection Data Publication Status
Circle Health	Circle Reading Hospital	IND	Publication of HCAI and SSI measures with rates
Clinica London Limited	Clinica London	IND	No measure publication - insufficient adverse event data
CosmeSurge Ltd	Cosmesurge Clinic	IND	No measure publication - insufficient adverse event data
Countess Of Chester Hospital NHS Foundation Trust	Countess Of Chester Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Croydon University Hospital	Croydon University Hospital	NHS PPU	Publication of HCAI and SSI measures without rates
Cumbria Partnership NHS Foundation Trust	Cumberland Infirmary	NHS PPU	No measure publication - insufficient adverse event data
Cumbria Partnership NHS Foundation Trust	West Cumberland Hospital	NHS PPU	No measure publication - insufficient adverse event data
Curis Health Care	Hammersmith Private Hospital	IND	No measure publication - insufficient adverse event data
Cwm Taf University Health Board	Prince Charles Hospital	NHS PPU	No measure publication - insufficient adverse event data
Cwm Taf University Health Board	Royal Glamorgan Hospital	NHS PPU	No measure publication - insufficient adverse event data
Dartford and Gravesham NHS Trust	Darent Valley Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Dorset County Hospital NHS Foundation Trust	Dorset County Hospital	NHS PPU	No measure publication - insufficient adverse event data
Dr Alexandra Chambers Medical and Aesthetic Practice	Dr. Chambers Practice	IND	No measure publication - insufficient adverse event data
East and North Hertfordshire NHS Trust	Lister Hospital	NHS PPU	No measure publication - insufficient adverse event data
East and North Hertfordshire NHS Trust	Mount Vernon Cancer Centre	NHS PPU	No measure publication - insufficient adverse event data
East and North Hertfordshire NHS Trust	Queen Elizabeth II Hospital	NHS PPU	No measure publication - insufficient adverse event data
East Kent Hospitals University NHS Foundation Trust	Kent and Canterbury Hospital	NHS PPU	No measure publication - insufficient adverse event data
East Kent Hospitals University NHS Foundation Trust	Queen Elizabeth The Queen Mother Hospital	NHS PPU	No measure publication - insufficient adverse event data
East Kent Hospitals University NHS Foundation Trust	William Harvey Hospital	NHS PPU	No measure publication - insufficient adverse event data
East Kent Medical Services Limited	Spencer Private Hospitals Ashford	IND	Publication of HCAI and SSI measures with rates
East Kent Medical Services Limited	Spencer Private Hospitals Margate	IND	Publication of HCAI and SSI measures with rates
East Lancashire Hospitals NHS Trust	Burnley General Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
East Lancashire Hospitals NHS Trust	Royal Blackburn Hospital	NHS PPU	Publication of HCAI and SSI measures with rates



Provider	Site	Sector	Infection Data Publication Status
East Suffolk and North Essex NHS Foundation Trust	Colchester General Hospital	NHS PPU	No measure publication - insufficient adverse event data
East Suffolk and North Essex NHS Foundation Trust	Essex County Hospital	NHS PPU	No measure publication - insufficient adverse event data
East Suffolk and North Essex NHS Foundation Trust	Ipswich Hospital	NHS PPU	No measure publication - insufficient adverse event data
East Sussex Healthcare NHS Trust	Conquest Hospital	NHS PPU	No measure publication - insufficient adverse event data
East Sussex Healthcare NHS Trust	Eastbourne District General Hospital	NHS PPU	No measure publication - insufficient adverse event data
EF Medispa	EF Medispa Kensington	IND	No measure publication - insufficient adverse event data
Elanic Clinic	Elanic - Aberdeen	IND	No measure publication - insufficient adverse event data
Elanic Clinic	Elanic - Edinburgh	IND	No measure publication - insufficient adverse event data
Elanic Clinic	Elanic - Glasgow	IND	No measure publication - insufficient adverse event data
Elanic Clinic	Elanic - London	IND	No measure publication - insufficient adverse event data
Epsom and St Helier University Hospitals NHS Trust	Epsom Hospital	NHS PPU	No measure publication - insufficient adverse event data
Epsom and St Helier University Hospitals NHS Trust	Queen Mary's Hospital for Children	NHS PPU	No measure publication - insufficient adverse event data
Epsom and St Helier University Hospitals NHS Trust	St Helier Hospital	NHS PPU	No measure publication - insufficient adverse event data
Epsom and St Helier University Hospitals NHS Trust	Sutton Hospital	NHS PPU	No measure publication - insufficient adverse event data
Epsomedical	Cobham Day Surgery	IND	Publication of HCAI and SSI measures with rates
Epsomedical	Epsom Day Surgery	IND	Publication of HCAI and SSI measures with rates
FACEmed	FACEmed Cosmetic Medical & Dental Centre	IND	No measure publication - insufficient adverse event data
Fairfield Independent Hospital	Fairfield Independent Hospital	IND	Publication of HCAI and SSI measures with rates
First Trust Hospital	First Trust Hospital	IND	No measure publication - insufficient adverse event data
Fortius Clinic	Fortius Clinic	IND	No measure publication - insufficient adverse event data
Frimley Health NHS Foundation Trust	Frimley Park Hospital	NHS PPU	No measure publication - insufficient adverse event data
Frimley Health NHS Foundation Trust	Wexham Park Hospital	NHS PPU	No measure publication - insufficient adverse event data
Gateshead Health NHS Foundation Trust	Queen Elizabeth Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Genesis Care	Genesis Care Birmingham	IND	No measure publication - insufficient adverse event data
Genesis Care	Genesis Care Chelmsford	IND	No measure publication - insufficient adverse event data





Provider	Site	Sector	Infection Data Publication Status
Genesis Care	Genesis Care Elstree	IND	No measure publication - insufficient adverse event data
Genesis Care	Genesis Care Guildford	IND	No measure publication - insufficient adverse event data
Genesis Care	Genesis Care Maidstone	IND	No measure publication - insufficient adverse event data
Genesis Care	Genesis Care Milton Keynes	IND	No measure publication - insufficient adverse event data
Genesis Care	Genesis Care Newmarket	IND	No measure publication - insufficient adverse event data
Genesis Care	Genesis Care Nottingham	IND	No measure publication - insufficient adverse event data
Genesis Care	Genesis Care Oxford	IND	No measure publication - insufficient adverse event data
Genesis Care	Genesis Care Portsmouth	IND	No measure publication - insufficient adverse event data
Genesis Care	Genesis Care Southampton	IND	No measure publication - insufficient adverse event data
Genesis Care	Genesis Care Windsor	IND	No measure publication - insufficient adverse event data
Genesis Care	Genesis Care Bristol <sup>10</sup>	IND	No measure publication - insufficient adverse event data
Genesis Care	Specialist Care Centre - Chelmsford <sup>10</sup>	IND	No measure publication - insufficient adverse event data
Gloucestershire Hospitals NHS Foundation Trust	Cheltenham General Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Gloucestershire Hospitals NHS Foundation Trust	Gloucestershire Royal Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Great Ormond Street Hospital For Children NHS Foundation Trust	Great Ormond Street Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Great Western Hospitals NHS Foundation Trust	The Great Western Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Guy's and St Thomas' NHS Foundation Trust	Evelina London Children's Healthcare	NHS PPU	No measure publication - insufficient adverse event data
Guy's and St Thomas' NHS Foundation Trust	Guy's Hospital	NHS PPU	No measure publication - insufficient adverse event data
Guy's and St Thomas' NHS Foundation Trust	St Thomas' Hospital	NHS PPU	Publication of HCAI and SSI measures without rates
Hampshire Hospitals NHS Foundation Trust	Andover War Memorial Hospital	NHS PPU	No measure publication - insufficient adverse event data

<sup>10</sup> This hospital / provider was unable to provide data for the full publication period as it was opened, closed, or changed ownership during the relevant period.



Provider	Site	Sector	Infection Data Publication Status
Hampshire Hospitals NHS Foundation Trust	Basingstoke And North Hampshire Hospital	NHS PPU	No measure publication - insufficient adverse event data
Hampshire Hospitals NHS Foundation Trust	Royal Hampshire County Hospital	NHS PPU	No measure publication - insufficient adverse event data
Harley Health Village	Harley Health Village	IND	No measure publication - insufficient adverse event data
Harley Health Village	Linia Bristol	IND	No measure publication - insufficient adverse event data
Harley Street Hospital Limited	Harley Street Hospital	IND	Publication of HCAI and SSI measures with rates
Harrogate And District NHS Foundation Trust	Harrogate District Hospital	NHS PPU	No measure publication - insufficient adverse event data
HCA International	Harley Street Clinic	IND	Publication of HCAI and SSI measures with rates
HCA International	HCA Healthcare UK at University College Hospital	IND	Publication of HCAI and SSI measures with rates
HCA International	Leader of Oncology Care at 95 Harley Street	IND	No measure publication - insufficient adverse event data
HCA International	Leaders of Oncology Care at London Bridge Hospital	IND	No measure publication - insufficient adverse event data
HCA International	Leaders of Oncology Care at Sydney Street	IND	No measure publication - insufficient adverse event data
HCA International	Leaders of Oncology Care at The Christie Private Care	IND	No measure publication - insufficient adverse event data
HCA International	Leaders of Oncology Centre at The Platinum Medical Centre	IND	No measure publication - insufficient adverse event data
HCA International	Lister Hospital	IND	Publication of HCAI and SSI measures with rates
HCA International	London Bridge Hospital	IND	Publication of HCAI and SSI measures with rates
HCA International	Portland Hospital	IND	Publication of HCAI and SSI measures with rates
HCA International	Princess Grace Hospital	IND	Publication of HCAI and SSI measures with rates
HCA International	The Christie Private Care	IND	Publication of HCAI and SSI measures with rates
HCA International	The Wellington Hospital	IND	Publication of HCAI and SSI measures with rates
HCA International	The Wilmslow Hospital	IND	No measure publication - insufficient adverse event data
Healthcare Management Trust	Sancta Maria Hospital	IND	Publication of HCAI and SSI measures with rates
Healthcare Management Trust	St Hugh's Hospital	IND	No measure publication - insufficient adverse event data
Hillsborough Private Clinic	Hillsborough Private Clinic	IND	Publication of HCAI and SSI measures with rates
Homerton University Hospital NHS Foundation Trust	Homerton University Hospital	NHS PPU	No measure publication - insufficient adverse event data



Provider	Site	Sector	Infection Data Publication Status
Horder Healthcare	The Horder Centre	IND	Publication of HCAI and SSI measures with rates
Horder Healthcare	The McIndoe Centre	IND	Publication of HCAI and SSI measures with rates
Hospital Of St John And St Elizabeth	Hospital of St John & St Elizabeth	IND	Publication of HCAI and SSI measures with rates
Hull and East Yorkshire Hospitals NHS Trust	Castle Hill Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Hull and East Yorkshire Hospitals NHS Trust	Hull Royal Infirmary	NHS PPU	Publication of HCAI and SSI measures with rates
Hywel Dda University Health Board	Bronglais General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Hywel Dda University Health Board	Glangwilli General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Hywel Dda University Health Board	Prince Philip Hospital	NHS PPU	No measure publication - insufficient adverse event data
Hywel Dda University Health Board	Withybush General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Imperial College Healthcare NHS Trust	Charing Cross Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Imperial College Healthcare NHS Trust	Hammersmith Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Imperial College Healthcare NHS Trust	Queen Charlotte's & Chelsea Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Imperial College Healthcare NHS Trust	St Mary's Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Imperial College Healthcare NHS Trust	Western Eye Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Isle of Wight NHS Trust	St Mary's Hospital, Isle of Wight	NHS PPU	No measure publication - insufficient adverse event data
James Paget University Hospitals NHS Foundation Trust	James Paget Hospital	NHS PPU	No measure publication - insufficient adverse event data
Kettering General Hospital NHS Foundation Trust	Kettering General Hospital	NHS PPU	Publication of HCAI and SSI measures without rates
KIMS Hospital	KIMS Hospital	IND	Publication of HCAI and SSI measures with rates
King Edward VII's Hospital	King Edward VII's Hospital	IND	Publication of HCAI and SSI measures with rates
King's College Hospital NHS Foundation Trust	King's College Hospital	NHS PPU	No measure publication - insufficient adverse event data
King's College Hospital NHS Foundation Trust	Princess Royal University Hospital	NHS PPU	Publication of HCAI and SSI measures without rates
Kingsbridge Private Hospital	Kingsbridge Private Hospital - Belfast	IND	No measure publication - insufficient adverse event data
Kinvara Private Hospital Ltd	Kinvara Private Hospital	IND	No measure publication - insufficient adverse event data



Provider	Site	Sector	Infection Data Publication Status
Lancashire Teaching Hospitals NHS Foundation Trust	Chorley and South Ribble Hospital	NHS PPU	No measure publication - insufficient adverse event data
Lancashire Teaching Hospitals NHS Foundation Trust	Royal Preston Hospital	NHS PPU	No measure publication - insufficient adverse event data
Leeds Teaching Hospitals NHS Trust	Chapel Allerton Hospital	NHS PPU	No measure publication - insufficient adverse event data
Leeds Teaching Hospitals NHS Trust	Leeds General Infirmary	NHS PPU	No measure publication - insufficient adverse event data
Leeds Teaching Hospitals NHS Trust	St James's University Hospital	NHS PPU	No measure publication - insufficient adverse event data
Liverpool Heart and Chest Hospital NHS Foundation Trust	Liverpool Heart and Chest Hospital	NHS PPU	No measure publication - insufficient adverse event data
Liverpool University Hospitals NHS Foundation Trust	Aintree University Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Liverpool University Hospitals NHS Foundation Trust	Broadgreen Hospital	NHS PPU	No measure publication - insufficient adverse event data
Liverpool University Hospitals NHS Foundation Trust	Royal Liverpool University Hospital	NHS PPU	No measure publication - insufficient adverse event data
London North West University Healthcare NHS Trust	Central Middlesex Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
London North West University Healthcare NHS Trust	Ealing Hospital	NHS PPU	Publication of HCAI and SSI measures without rates
London North West University Healthcare NHS Trust	Northwick Park Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
London North West University Healthcare NHS Trust	St Mark's Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
London Welbeck Hospital	The London Welbeck Hospital	IND	Publication of HCAI and SSI measures with rates
Luton And Dunstable University Hospital NHS Foundation Trust	Luton & Dunstable Hospital	NHS PPU	No measure publication - insufficient adverse event data
Maidstone And Tunbridge Wells NHS Trust	The Maidstone Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Maidstone And Tunbridge Wells NHS Trust	Tunbridge Wells Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Manchester Eye and Cosmetic Clinic Limited	Face & Eye Clinic	IND	Publication of HCAI and SSI measures with rates
Manchester Private Hospital	Manchester Private Hospital	IND	No measure publication - insufficient adverse event data
Manchester University Hospitals NHS Foundation Trust	Manchester Royal Eye Hospital	NHS PPU	No measure publication - insufficient adverse event data



Provider	Site	Sector	Infection Data Publication Status
Manchester University Hospitals NHS Foundation Trust	Manchester Royal Infirmary	NHS PPU	No measure publication - insufficient adverse event data
Manchester University Hospitals NHS Foundation Trust	Royal Manchester Children's Hospital	NHS PPU	No measure publication - insufficient adverse event data
Manchester University Hospitals NHS Foundation Trust	St Mary's Hospital	NHS PPU	No measure publication - insufficient adverse event data
Manchester University Hospitals NHS Foundation Trust	Trafford General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Mid Essex Hospital Services NHS Trust	Broomfield Hospital	NHS PPU	No measure publication - insufficient adverse event data
Mid Yorkshire Hospitals NHS Trust	Dewsbury & District Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Mid Yorkshire Hospitals NHS Trust	Pinderfields Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Milton Keynes University Hospital NHS Foundation Trust	Milton Keynes Hospital	NHS PPU	No measure publication - insufficient adverse event data
Minor Ops Ltd	My Eye Clinic (Sunderland Eye Infirmary)	IND	No measure publication - insufficient adverse event data
Minor Ops Ltd	My Health Clinic (Gosforth, Newcastle)	IND	No measure publication - insufficient adverse event data
Moorfields Eye Hospital NHS Foundation Trust	Moorfields Eye Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
MYA	MYA Fitzroy Hospital <sup>11</sup>	IND	No measure publication - insufficient adverse event data
Natural Look Clinic	Natural Look Clinic	IND	No measure publication - insufficient adverse event data
New Victoria Hospital	New Victoria Hospital	IND	No measure publication - insufficient adverse event data
Newmedica	Newmedica Community Ophthalmology Service - Bristol	IND	Publication of HCAI and SSI measures with rates
Newmedica	Newmedica Eye Health Clinic - Grimsby	IND	Publication of HCAI and SSI measures with rates
Newmedica	Newmedica Eye Health Clinic - Leeds	IND	Publication of HCAI and SSI measures without rates

<sup>11</sup> This hospital / provider was unable to provide data for the full publication period as it was opened, closed, or changed ownership during the relevant period.



Provider	Site	Sector	Infection Data Publication Status
Newmedica	Newmedica Eye Health Clinic – Gloucester	IND	Publication of HCAI and SSI measures with rates
NHS Highland	Raigmore Hospital	NHS PPU	No measure publication - insufficient adverse event data
NHS Lothian	Royal Infirmary Of Edinburgh NHS Trust	NHS PPU	No measure publication - insufficient adverse event data
NHS Lothian	Western General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Norfolk And Norwich University Hospitals NHS Foundation Trust	Cromer Hospital	NHS PPU	No measure publication - insufficient adverse event data
Norfolk And Norwich University Hospitals NHS Foundation Trust	Norfolk and Norwich University Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
North Bristol NHS Trust	Southmead Hospital	NHS PPU	No measure publication - insufficient adverse event data
North Middlesex University Hospital NHS Trust	North Middlesex University Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
North Tees and Hartlepool NHS Foundation Trust	University Hospital of Hartlepool	NHS PPU	No measure publication - insufficient adverse event data
North Tees and Hartlepool NHS Foundation Trust	University Hospital of North Tees	NHS PPU	No measure publication - insufficient adverse event data
North West Anglia NHS Foundation Trust	Hinchingbrooke Hospital	NHS PPU	No measure publication - insufficient adverse event data
North West Anglia NHS Foundation Trust	Peterborough City Hospital	NHS PPU	No measure publication - insufficient adverse event data
North West Independent Hospital	North West Independent Hospital	IND	No measure publication - insufficient adverse event data
Northampton General Hospital NHS Trust	Northampton General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Northern Devon Healthcare NHS Trust	North Devon District Hospital	NHS PPU	No measure publication - insufficient adverse event data
Northern Health and Social Care Trust	Antrim Area Hospital	NHS PPU	No measure publication - insufficient adverse event data
Northern Health and Social Care Trust	Causeway Hospital	NHS PPU	No measure publication - insufficient adverse event data
Northern Health and Social Care Trust	Mid Ulster Hospital	NHS PPU	No measure publication - insufficient adverse event data
Northern Health and Social Care Trust	Whiteabbey Hospital	NHS PPU	No measure publication - insufficient adverse event data
Northern Lincolnshire and Goole	Diana, Princess of Wales Hospital	NHS PPU	No measure publication - insufficient adverse event data



Provider	Site	Sector	Infection Data Publication Status
NHS Foundation Trust			
Northern Lincolnshire and Goole NHS Foundation Trust	Goole and District Hospital	NHS PPU	No measure publication - insufficient adverse event data
Northern Lincolnshire and Goole NHS Foundation Trust	Scunthorpe General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Northumbria Healthcare NHS Foundation Trust	Alnwick Infirmary	NHS PPU	No measure publication - insufficient adverse event data
Northumbria Healthcare NHS Foundation Trust	Hexham General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Northumbria Healthcare NHS Foundation Trust	North Tyneside General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Northumbria Healthcare NHS Foundation Trust	Northumbria Specialist Emergency Care Hospital	NHS PPU	No measure publication - insufficient adverse event data
Northumbria Healthcare NHS Foundation Trust	Wansbeck General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Nottingham University Hospitals NHS Trust	Nottingham City Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Nottingham University Hospitals NHS Trust	Nottingham Treatment Centre	NHS PPU	No measure publication - insufficient adverse event data
Nottingham University Hospitals NHS Trust	Queen's Medical Centre	NHS PPU	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Bournemouth Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Brentwood Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Brighton Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Bristol, The Chesterfield Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Cambridge Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Cardiff Bay & Vale Hospitals	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Cheltenham Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Chester, The Grosvenor Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Chichester Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Derby Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Exeter Hospital	IND	Publication of HCAI and SSI measures with rates



Provider	Site	Sector	Infection Data Publication Status
Nuffield Health	Nuffield Health Glasgow Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Guildford Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Haywards Heath Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Hereford Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Ipswich Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Leeds Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Leicester Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Newcastle Upon Tyne Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health North Staffordshire Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Oxford, The Manor Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Plymouth Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Shrewsbury Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Taunton Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Tees Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Tunbridge Wells Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Warwickshire Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Wessex Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Woking Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health Wolverhampton Hospital	IND	Publication of HCAI and SSI measures with rates
Nuffield Health	Nuffield Health York Hospital	IND	Publication of HCAI and SSI measures with rates
OCL Ltd	Ophthalmic Consultants of London	IND	No measure publication - insufficient adverse event data
One Healthcare Group Ltd	One Ashford Hospital	IND	Publication of HCAI and SSI measures with rates
One Healthcare Group Ltd	One Hatfield Hospital	IND	Publication of HCAI and SSI measures with rates
Optegra	Optegra Eye Hospital Birmingham	IND	No measure publication - insufficient adverse event data
Optegra	Optegra Eye Hospital Hampshire	IND	No measure publication - insufficient adverse event data
Optegra	Optegra Eye Hospital London	IND	No measure publication - insufficient adverse event data
Optegra	Optegra Eye Hospital Manchester	IND	No measure publication - insufficient adverse event data





Provider	Site	Sector	Infection Data Publication Status
Optegra	Optegra Eye Hospital North London	IND	No measure publication - insufficient adverse event data
Optegra	Optegra Eye Hospital Surrey	IND	No measure publication - insufficient adverse event data
Optegra	Optegra Eye Hospital Yorkshire	IND	No measure publication - insufficient adverse event data
Optegra	Optegra Leeds Laser Centre	IND	No measure publication - insufficient adverse event data
Orthoderm Clinic	Orthoderm Clinic	IND	No measure publication - insufficient adverse event data
Orthopaedics And Spine Specialist Hospital	Orthopaedics and Spine Specialist Hospital	IND	Publication of HCAI and SSI measures with rates
Oxford University Hospitals NHS Foundation Trust	Churchill Hospital	NHS PPU	No measure publication - insufficient adverse event data
Oxford University Hospitals NHS Foundation Trust	Horton General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Oxford University Hospitals NHS Foundation Trust	John Radcliffe Hospital	NHS PPU	No measure publication - insufficient adverse event data
Oxford University Hospitals NHS Foundation Trust	Nuffield Orthopaedic Centre	NHS PPU	No measure publication - insufficient adverse event data
Pall Mall Medical	Pall Mall Newton-le-Willows	IND	No measure publication - insufficient adverse event data
Panacea	Panacea Medical Centre	IND	No measure publication - insufficient adverse event data
Papworth Hospital NHS Foundation Trust	Papworth Hospital	NHS PPU	No measure publication - insufficient adverse event data
Pennine Acute Hospitals NHS Trust	Fairfield General Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Pennine Acute Hospitals NHS Trust	North Manchester General Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Pennine Acute Hospitals NHS Trust	Rochdale Infirmary	NHS PPU	Publication of HCAI and SSI measures with rates
Pennine Acute Hospitals NHS Trust	The Royal Oldham Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Phoenix Hospital Group	Weymouth Street Hospital	IND	No measure publication - insufficient adverse event data
Plymouth Hospitals NHS Trust	Derriford Hospital	NHS PPU	No measure publication - insufficient adverse event data
Plymouth Hospitals NHS Trust	Rowans House	NHS PPU	No measure publication - insufficient adverse event data
Plymouth Hospitals NHS Trust	Tavistock Hospital	NHS PPU	No measure publication - insufficient adverse event data
Poole Hospital NHS Foundation Trust	Poole Hospital	NHS PPU	No measure publication - insufficient adverse event data
Portsmouth Hospitals NHS Trust	Queen Alexandra Hospital	NHS PPU	No measure publication - insufficient adverse event data
Probus Surgical Centre	Probus Surgical Centre	IND	No measure publication - insufficient adverse event data
QSRC Ltd	The Queen Square Radiosurgery Centre	IND	No measure publication - insufficient adverse event data
Queen Anne Street Medical Centre	Queen Anne Medical Centre	IND	No measure publication - insufficient adverse event data



Provider	Site	Sector	Infection Data Publication Status
Ramsay Health Care UK	Ashtead Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Berkshire Independent Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Blakelands Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Boston West Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Clifton Park Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Cobalt Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Duchy Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Euxton Hall Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Exeter Medical	IND	No measure publication - insufficient adverse event data
Ramsay Health Care UK	Fitzwilliam Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Fulwood Hall Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Horton NHS Treatment Centre	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Mount Stuart Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	New Hall Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	North Downs Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Nottingham Woodthorpe Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Oaklands Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Oaks Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Park Hill Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Pinehill Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Renacres Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Rivers Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Rowley Hall Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Springfield Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Tees Valley Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	The Westbourne Centre	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	West Midlands Private Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	West Valley Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Winfield Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Woodland Hospital	IND	Publication of HCAI and SSI measures with rates
Ramsay Health Care UK	Yorkshire Clinic	IND	Publication of HCAI and SSI measures with rates
Regency International Clinic Ltd	Regency International Clinic	IND	No measure publication - insufficient adverse event data



Provider	Site	Sector	Infection Data Publication Status
Regent's Park Heart Clinics Ltd. (RPHC)	Cambridge Heart Clinic	IND	Publication of HCAI and SSI measures with rates
Regent's Park Heart Clinics Ltd. (RPHC)	Dorset Heart Clinic	IND	Publication of HCAI and SSI measures with rates
Regent's Park Heart Clinics Ltd. (RPHC)	Peninsula Heart Clinic	IND	No measure publication - insufficient adverse event data
Royal Berkshire NHS Foundation Trust	Prince Charles Eye Unit	NHS PPU	Publication of HCAI and SSI measures with rates
Royal Berkshire NHS Foundation Trust	Royal Berkshire Bracknell Healthspace	NHS PPU	No measure publication - insufficient adverse event data
Royal Berkshire NHS Foundation Trust	Royal Berkshire Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Royal Berkshire NHS Foundation Trust	West Berkshire Community Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Royal Brompton & Harefield NHS Foundation Trust	Harefield Hospital	NHS PPU	No measure publication - insufficient adverse event data
Royal Brompton & Harefield NHS Foundation Trust	Royal Brompton Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Royal Cornwall Hospitals NHS Trust	Royal Cornwall Hospital	NHS PPU	No measure publication - insufficient adverse event data
Royal Cornwall Hospitals NHS Trust	St Michael's Hospital	NHS PPU	No measure publication - insufficient adverse event data
Royal Cornwall Hospitals NHS Trust	West Cornwall Hospital	NHS PPU	No measure publication - insufficient adverse event data
Royal Devon And Exeter NHS Foundation Trust	Axminster Hospital	NHS PPU	No measure publication - insufficient adverse event data
Royal Devon And Exeter NHS Foundation Trust	Heavitree Hospital	NHS PPU	No measure publication - insufficient adverse event data
Royal Devon And Exeter NHS Foundation Trust	Royal Devon & Exeter Hospital	NHS PPU	No measure publication - insufficient adverse event data
Royal Devon And Exeter NHS Foundation Trust	Tiverton and District Hospital	NHS PPU	No measure publication - insufficient adverse event data
Royal Free London NHS Foundation Trust	Barnet Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Royal Free London NHS Foundation Trust	Hadley Wood Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Royal Free London NHS Foundation Trust	Royal Free Hospital	NHS PPU	Publication of HCAI and SSI measures with rates



Provider	Site	Sector	Infection Data Publication Status
Royal National Orthopaedic Hospital NHS Trust	Royal National Orthopaedic Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Royal Surrey County Hospital NHS Foundation Trust	Royal Surrey County Hospital	NHS PPU	No measure publication - insufficient adverse event data
Royal United Hospitals Bath NHS Foundation Trust	Royal National Hospital for Rheumatic Disease	NHS PPU	No measure publication - insufficient adverse event data
Royal United Hospitals Bath NHS Foundation Trust	Royal United Hospital	NHS PPU	No measure publication - insufficient adverse event data
Salford Royal NHS Foundation Trust	Salford Royal	NHS PPU	Publication of HCAI and SSI measures with rates
Salisbury NHS Foundation Trust	Salisbury District Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Sandwell And West Birmingham Hospitals NHS Trust	Birmingham City Hospital	NHS PPU	No measure publication - insufficient adverse event data
Sandwell And West Birmingham Hospitals NHS Trust	Sandwell General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Schoen Clinic Ltd	Schoen Clinic London	IND	Publication of HCAI and SSI measures with rates
Sheffield Children's NHS Foundation Trust	Sheffield Children's Hospital	NHS PPU	No measure publication - insufficient adverse event data
Sheffield Teaching Hospitals NHS Foundation Trust	Charles Clifford Dental Hospital	NHS PPU	No measure publication - insufficient adverse event data
Sheffield Teaching Hospitals NHS Foundation Trust	Northern General Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Sheffield Teaching Hospitals NHS Foundation Trust	Royal Hallamshire Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Sherwood Forest Hospitals NHS Foundation Trust	King's Mill Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Sherwood Forest Hospitals NHS Foundation Trust	Newark Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Shrewsbury And Telford Hospital NHS Trust	Royal Shrewsbury Hospital	NHS PPU	No measure publication - insufficient adverse event data
Shrewsbury And Telford Hospital NHS Trust	The Princess Royal Hospital	NHS PPU	No measure publication - insufficient adverse event data
Somerset NHS Foundation Trust	Musgrove Park Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
South Eastern Health & Social Care Trust	Ulster Hospital	NHS PPU	No measure publication - insufficient adverse event data
South Tees Hospitals NHS	Friarage Hospital	NHS PPU	No measure publication - insufficient adverse event data



Provider	Site	Sector	Infection Data Publication Status
Foundation Trust			
South Tees Hospitals NHS Foundation Trust	James Cook University Hospital	NHS PPU	No measure publication - insufficient adverse event data
South Tyneside & Sunderland NHS Foundation Trust	South Tyneside Hospital	NHS PPU	No measure publication - insufficient adverse event data
South Tyneside & Sunderland NHS Foundation Trust	Sunderland Eye Infirmary	NHS PPU	No measure publication - insufficient adverse event data
South Tyneside & Sunderland NHS Foundation Trust	Sunderland Royal Hospital	NHS PPU	No measure publication - insufficient adverse event data
South West Eye Surgeons	Bristol Eye Hospital - SWES	IND	No measure publication - insufficient adverse event data
South West Eye Surgeons	SWES 2 Clifton Park	IND	No measure publication - insufficient adverse event data
Southend University Hospital NHS Foundation Trust	Southend Hospital	NHS PPU	No measure publication - insufficient adverse event data
Southport And Ormskirk Hospital NHS Trust	Ormskirk and District General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Southport And Ormskirk Hospital NHS Trust	Southport & Formby District General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Spamedica Ltd	Manchester Spamedica	IND	No measure publication - insufficient adverse event data
Spire Healthcare	Spire Alexandra Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Bristol Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Bushey Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Cambridge Lea Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Cardiff Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Cheshire Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Clare Park Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Dunedin Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Elland Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Fylde Coast Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Gatwick Park Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Harpenden Hospital	IND	No measure publication - insufficient adverse event data
Spire Healthcare	Spire Hartwood Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Hull & East Riding Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Leeds Hospital	IND	Publication of HCAI and SSI measures with rates



Provider	Site	Sector	Infection Data Publication Status
Spire Healthcare	Spire Leicester Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Little Aston Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Liverpool Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire London East	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Manchester Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Methley Park Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Montefiore Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Murrayfield Hospital Edinburgh	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Murrayfield Hospital Wirral	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Norwich Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Nottingham Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Parkway Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Portsmouth Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Regency Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Shawfair Park Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire South Bank Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Southampton Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire St Anthony's Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Sussex Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Thames Valley Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Tunbridge Wells Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Washington Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Wellesley Hospital	IND	Publication of HCAI and SSI measures with rates
Spire Healthcare	Spire Yale Hospital	IND	Publication of HCAI and SSI measures with rates
St George's University Hospitals NHS Foundation Trust	St George's Hospital	NHS PPU	No measure publication - insufficient adverse event data
St Helens and Knowsley Teaching Hospitals NHS Trust	St Helens Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
St Helens and Knowsley Teaching Hospitals NHS Trust	Whiston Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
St Joseph's Hospital	St Joseph's Hospital	IND	No measure publication - insufficient adverse event data
Surrey and Sussex Healthcare NHS Trust	East Surrey Hospital	NHS PPU	No measure publication - insufficient adverse event data



Provider	Site	Sector	Infection Data Publication Status
Tetbury Hospital	Tetbury Hospital	IND	Publication of HCAI and SSI measures with rates
The Belvedere Private Hospital	The Belvedere Clinic	IND	No measure publication - insufficient adverse event data
The Cadogan Clinic	The Cadogan Clinic	IND	No measure publication - insufficient adverse event data
The Clatterbridge Cancer Centre NHS Foundation Trust	Clatterbridge Private Clinic	NHS PPU	Publication of HCAI and SSI measures with rates
The Cooden Medical Group	The Cooden Canterbury Clinic	IND	No measure publication - insufficient adverse event data
The Cooden Medical Group	The Cooden Clinic - Bexhill	IND	No measure publication - insufficient adverse event data
The Fitzwilliam Clinic	The Fitzwilliam Clinic	IND	No measure publication - insufficient adverse event data
The Grafton Suite	The Grafton Suite	IND	Publication of HCAI and SSI measures with rates
The Harley Street Dermatology Clinic	Harley Street Skin Clinic	IND	No measure publication - insufficient adverse event data
The London Clinic	The London Clinic	IND	Publication of HCAI and SSI measures with rates
The Maxillofacial Clinic	Maxillofacial Clinic	IND	No measure publication - insufficient adverse event data
The Medical Eye Clinic Limited	The Medical Eye Clinic	IND	No measure publication - insufficient adverse event data
The New Birkdale Clinic	Prem House Clinic Crosby	IND	No measure publication - insufficient adverse event data
The New Foscote Private Hospital	The New Foscote Hospital	IND	Publication of HCAI and SSI measures with rates
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	Freeman Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	The Royal Victoria Infirmary	NHS PPU	Publication of HCAI and SSI measures with rates
The Private Clinic of Harley Street	The Private Clinic of Harley Street	IND	Publication of HCAI and SSI measures without rates
The Robert Jones And Agnes Hunt Orthopaedic Hospital NHS Foundation Trust	Robert Jones and Agnes Hunt Orthopaedic Hospital	NHS PPU	No measure publication - insufficient adverse event data
The Royal Bournemouth and Christchurch Hospitals NHS Foundation Trust	Royal Bournemouth Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
The Royal Marsden NHS Foundation Trust	Royal Marsden Chelsea Hospital	NHS PPU	No measure publication - insufficient adverse event data
The Royal Marsden NHS Foundation Trust	Royal Marsden Sutton Hospital	NHS PPU	No measure publication - insufficient adverse event data
The Royal Orthopaedic Hospital NHS Foundation Trust	Royal Orthopaedic Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
The Royal Wolverhampton NHS Trust	Cannock Chase Hospital	NHS PPU	Publication of HCAI and SSI measures with rates



Provider	Site	Sector	Infection Data Publication Status
The Royal Wolverhampton NHS Trust	New Cross Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
The Royal Wolverhampton NHS Trust	West Park Rehabilitation Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
The Rutherford Cancer Centre	The Rutherford Cancer Centre North East	IND	No measure publication - insufficient adverse event data
The Rutherford Cancer Centre	The Rutherford Cancer Centre South Wales	IND	No measure publication - insufficient adverse event data
The Rutherford Cancer Centre	The Rutherford Cancer Centre Thames Valley	IND	No measure publication - insufficient adverse event data
The Stoneygate Eye Hospital	The Stoneygate Eye Hospital	IND	Publication of HCAI and SSI measures without rates
The Thornbury Radiosurgery Centre Limited	Thornbury Radiosurgery Centre	IND	No measure publication - insufficient adverse event data
The Walton Centre NHS Foundation Trust	The Walton Centre	NHS PPU	No measure publication - insufficient adverse event data
Torbay and South Devon NHS Foundation Trust	Torbay Hospital	NHS PPU	No measure publication - insufficient adverse event data
Transform Medical Group	The Hospital Group Dolan Park Hospital	IND	Publication of HCAI and SSI measures without rates
Transform Medical Group	Transform Pines Hospital	IND	No measure publication - insufficient adverse event data
Transform Medical Group	Transform Riverside Hospital	IND	No measure publication - insufficient adverse event data
Tyneside Surgical Services Ltd	Tyneside Surgical Services	IND	No measure publication - insufficient adverse event data
Ulster Independent Clinic	Ulster Independent Clinic	IND	No measure publication - insufficient adverse event data
United Lincolnshire Hospitals NHS Trust	Pilgrim Hospital	NHS PPU	No measure publication - insufficient adverse event data
University College London Hospitals NHS Foundation Trust	Eastman Dental Hospital	NHS PPU	No measure publication - insufficient adverse event data
University College London Hospitals NHS Foundation Trust	Hospital for Tropical Diseases	NHS PPU	No measure publication - insufficient adverse event data
University College London Hospitals NHS Foundation Trust	National Hospital for Neurology and Neurosurgery - Cleveland Street	NHS PPU	No measure publication - insufficient adverse event data
University College London Hospitals NHS Foundation Trust	National Hospital for Neurology and Neurosurgery - Queen Square	NHS PPU	No measure publication - insufficient adverse event data
University College London Hospitals NHS Foundation Trust	Royal National Throat, Nose and Ear Hospital	NHS PPU	No measure publication - insufficient adverse event data





Provider	Site	Sector	Infection Data Publication Status
University College London Hospitals NHS Foundation Trust	The Heart Hospital	NHS PPU	No measure publication - insufficient adverse event data
University College London Hospitals NHS Foundation Trust	UCH Macmillan Cancer Centre	NHS PPU	No measure publication - insufficient adverse event data
University College London Hospitals NHS Foundation Trust	University College Hospital	NHS PPU	No measure publication - insufficient adverse event data
University Hospital Southampton NHS Foundation Trust	Lymington New Forest Hospital	NHS PPU	No measure publication - insufficient adverse event data
University Hospital Southampton NHS Foundation Trust	Princess Anne Hospital	NHS PPU	Publication of HCAI and SSI measures without rates
University Hospital Southampton NHS Foundation Trust	Royal South Hants Hospital	NHS PPU	No measure publication - insufficient adverse event data
University Hospital Southampton NHS Foundation Trust	Southampton General Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
University Hospitals Birmingham NHS Foundation Trust	Good Hope Hospital	NHS PPU	No measure publication - insufficient adverse event data
University Hospitals Birmingham NHS Foundation Trust	Heartlands Hospital	NHS PPU	No measure publication - insufficient adverse event data
University Hospitals Birmingham NHS Foundation Trust	Queen Elizabeth Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
University Hospitals Birmingham NHS Foundation Trust	Solihull Hospital	NHS PPU	No measure publication - insufficient adverse event data
University Hospitals Bristol NHS Foundation Trust	Bristol Eye Hospital	NHS PPU	No measure publication - insufficient adverse event data
University Hospitals Bristol NHS Foundation Trust	Bristol Haematology and Oncology Centre	NHS PPU	No measure publication - insufficient adverse event data
University Hospitals Bristol NHS Foundation Trust	Bristol Royal Hospital for Children	NHS PPU	No measure publication - insufficient adverse event data
University Hospitals Bristol NHS Foundation Trust	Bristol Royal Infirmary	NHS PPU	No measure publication - insufficient adverse event data
University Hospitals of Derby and Burton NHS Foundation Trust	Queen's Hospital Burton	NHS PPU	Publication of HCAI and SSI measures with rates
University Hospitals of Derby and Burton NHS Foundation Trust	Royal Derby Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
University Hospitals Of Leicester NHS Trust	Glenfield Hospital	NHS PPU	No measure publication - insufficient adverse event data



Provider	Site	Sector	Infection Data Publication Status
University Hospitals Of Leicester NHS Trust	Leicester General Hospital	NHS PPU	No measure publication - insufficient adverse event data
University Hospitals Of Leicester NHS Trust	Leicester Royal Infirmary	NHS PPU	No measure publication - insufficient adverse event data
University Hospitals Of Morecambe Bay NHS Foundation Trust	Furness General Hospital	NHS PPU	No measure publication - insufficient adverse event data
University Hospitals Of Morecambe Bay NHS Foundation Trust	Westmorland General Hospital	NHS PPU	No measure publication - insufficient adverse event data
University Hospitals of North Midlands NHS Trust	Royal Stoke University Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Veincentre Limited	Veincentre Bristol	IND	No measure publication - insufficient adverse event data
Veincentre Limited	Veincentre London	IND	No measure publication - insufficient adverse event data
Veincentre Limited	Veincentre Manchester	IND	No measure publication - insufficient adverse event data
Veincentre Limited	Veincentre Nottingham	IND	No measure publication - insufficient adverse event data
Veincentre Limited	Veincentre Oxfordshire	IND	No measure publication - insufficient adverse event data
Veincentre Limited	Veincentre Stoke-on-Trent	IND	No measure publication - insufficient adverse event data
Velindre NHS Trust	Velindre Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Warrington and Halton Hospitals NHS Foundation Trust	Halton General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Warrington and Halton Hospitals NHS Foundation Trust	Warrington Hospital	NHS PPU	No measure publication - insufficient adverse event data
West Hertfordshire Hospitals NHS Trust	Hemel Hempstead Hospital	NHS PPU	No measure publication - insufficient adverse event data
West Hertfordshire Hospitals NHS Trust	St Albans City Hospital	NHS PPU	No measure publication - insufficient adverse event data
West Hertfordshire Hospitals NHS Trust	Watford General Hospital	NHS PPU	No measure publication - insufficient adverse event data
West Suffolk NHS Foundation Trust	West Suffolk Hospital	NHS PPU	No measure publication - insufficient adverse event data
Western Health and Social Care Trust	Altnagelvin Area Hospital	NHS PPU	Publication of HCAI and SSI measures without rates
Western Health and Social Care Trust	South West Acute Hospital	NHS PPU	No measure publication - insufficient adverse event data
Western Health and Social Care Trust	Tyrone Hospitals	NHS PPU	No measure publication - insufficient adverse event data
Western Sussex Hospitals NHS	St Richard's Hospital	NHS PPU	Publication of HCAI and SSI measures without rates



Provider	Site	Sector	Infection Data Publication Status
Foundation Trust			
Western Sussex Hospitals NHS Foundation Trust	Worthing Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Weston Area Health NHS Trust	Weston General Hospital	NHS PPU	No measure publication - insufficient adverse event data
Wirral University Teaching Hospital NHS Foundation Trust	Arrowe Park Hospital	NHS PPU	No measure publication - insufficient adverse event data
Wirral University Teaching Hospital NHS Foundation Trust	Clatterbridge Hospital	NHS PPU	No measure publication - insufficient adverse event data
Worcestershire Acute Hospitals NHS Trust	Worcestershire Royal Hospital	NHS PPU	No measure publication - insufficient adverse event data
Wrightington, Wigan And Leigh NHS Foundation Trust	Leigh Infirmary	NHS PPU	Publication of HCAI and SSI measures without rates
Wrightington, Wigan And Leigh NHS Foundation Trust	Royal Albert Edward Infirmary	NHS PPU	Publication of HCAI and SSI measures with rates
Wrightington, Wigan And Leigh NHS Foundation Trust	Wrightington Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
Yeovil District Hospital NHS Foundation Trust	Yeovil District Hospital	NHS PPU	Publication of HCAI and SSI measures with rates
York Teaching Hospital NHS Foundation Trust	Bridlington Hospital	NHS PPU	No measure publication - insufficient adverse event data
York Teaching Hospital NHS Foundation Trust	Scarborough General Hospital	NHS PPU	No measure publication - insufficient adverse event data
York Teaching Hospital NHS Foundation Trust	The York Hospital	NHS PPU	No measure publication - insufficient adverse event data
Zenith Cosmetic Clinics Ltd	Zenith Cosmetic Clinic	IND	No measure publication - insufficient adverse event data



## 8 Appendix B - PHE Definition of HCAI

The following rules define the reportable status for each infective organism.

### MRSA

- The following MRSA positive blood cultures must be reported:
  - All cases of MRSA bacteraemia caused by S.aureus resistant to methicillin, oxacillin, ceftazidime or flucloxacillin
  - Cases identified post-mortem are excluded.

### MSSA

- The following MSSA positive blood cultures must be reported:
  - All cases of MSSA bacteraemia caused by S.aureus, which is NOT resistant to methicillin, oxacillin, ceftazidime or flucloxacillin – i.e. not subject to MRSA reporting
  - Cases identified post-mortem are excluded.

### E.Coli

- All laboratory-confirmed cases of E.coli bacteraemia must be reported, again cases identified post-mortem are excluded.

### C.difficile (CDI)

- Any of the following defines a CDI infection in patients aged 2 and above and must be reported:
  - Diarrhoeal stools (Bristol Stool type 5-7) where the specimen is CDI toxin positive
  - Toxic megacolon or ileostomy where the specimen is CDI toxin positive
  - Pseudomembranous colitis revealed by lower GI endoscopy or by CT scan
  - Colonic histopathology characteristic of CDI infection (with or without diarrhoea or toxin detection) on a specimen obtained during endoscopy or colectomy
  - Faecal specimens collected post-mortem where the specimen is CDI toxin positive or tissue specimens collected post-mortem where pseudomembranous colitis is revealed, or colonic histopathology is characteristic of CDI infection
  - In contrast to other collections, CDI infections identified post-mortem are included.

#### Klebsiella species

- All blood cultures which are positive Klebsiella species must be reported but not those cases identified post-mortem.

#### Pseudomonas aeruginosa (P.aeruginosa)

- All blood cultures which are positive for P.aeruginosa should be reported but not those cases identified post-mortem.