



Public Health
England

Protecting and improving the nation's health

HCAI Data Capture System User Manual

Overview of Trust Apportioning Algorithm

About Public Health England

Public Health England exists to protect and improve the nation's health and wellbeing, and reduce health inequalities. It does this through world-class science, knowledge and intelligence, advocacy, partnerships and the delivery of specialist public health services. PHE is an operationally autonomous executive agency of the Department of Health.

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Document History

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Algorithms for Apportioning Cases

Introduction

All cases of Bloodstream Infection (BSI) for Intensive Care Units (ICUs) are either ICU apportioned or Pre-ICU apportioned based on the algorithms below.

It is not possible for PHE to change the apportionment of a case, as apportionment is based on the data entered by the acute Trust and the algorithm is applied to the entire dataset, not on a case by case basis; a case may only change from one category to another if the relevant case details are incorrect and require amendment by the ICU.

ICU apportioned

Any ICU patient specimens taken after a period equal or longer than 48 hours after the Admission time will be considered "ICU BSI".

Pre-ICU apportioned

Any NHS patient specimens not apportioned to the above will be considered "Pre-ICU BSI". This will typically include any ICU patient specimens taken within the first 48 hours of the admission date.