



UK Health
Security
Agency

Device utilisation report User Guide

ICU Data Capture System

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Document History

Revision date	Author	Version	Changes
23/07/2018	Public Health England	1.0	-
07/10/2020	Public Health England	1.1	-
04/02/2025	William McMillan and Matt Wilson, UK Health Security Agency	1.2	<ul style="list-style-type: none">• Updated branding (PHE to UKHSA)• Updated screenshots• Clarifications in text

ICU Device Utilisation Report

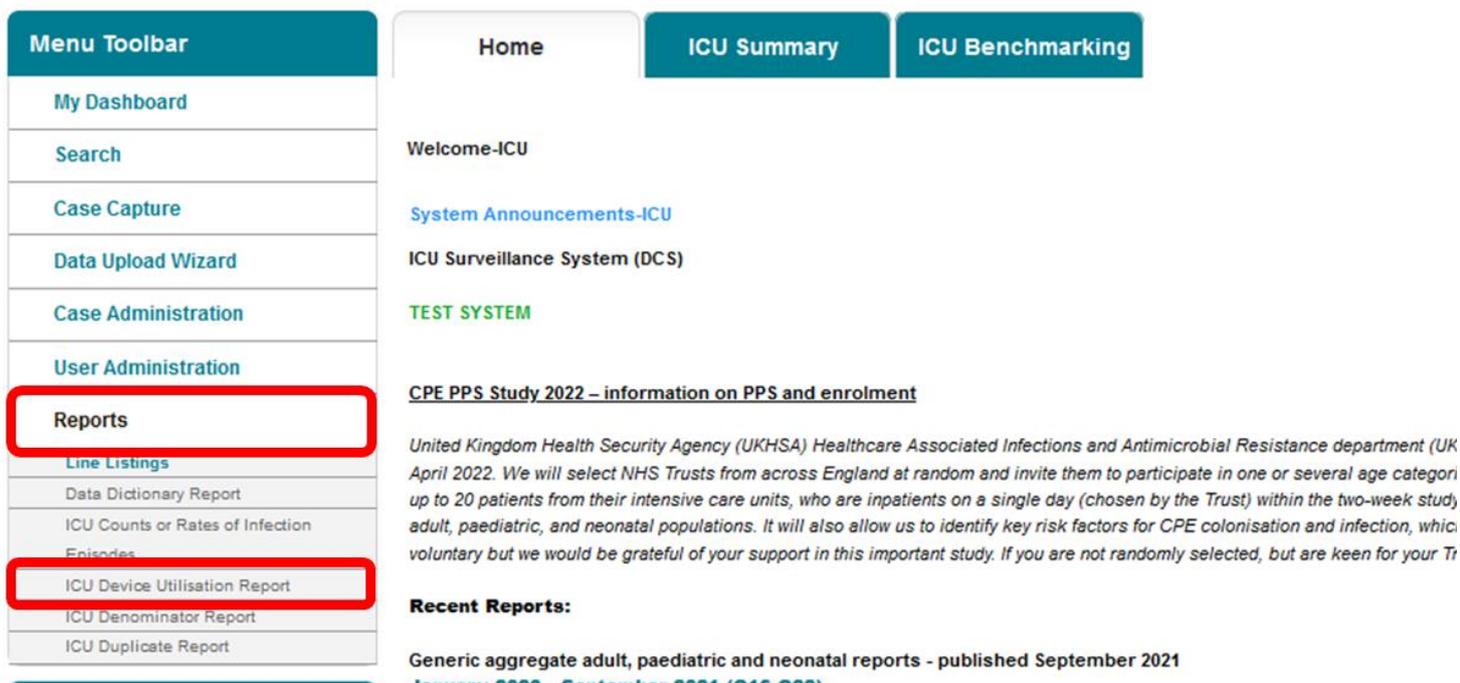
Introduction

The ICU Device Utilisation report provides the proportion of patients with a CVC *in situ*, for patients who have been in the ICU >2 days. Data is presented on a monthly basis. This report is available for all users.

Accessing the ICU Device Utilisation Report

To open this report, click on 'Reports' from the 'Menu Toolbar' on the left-hand side of the home screen, this will then expand to show you a list of reports, where you will find 'ICU Device Utilisation Report' (Figure 1).

Figure 1: Menu Toolbar: ICU Device Utilisation Report



ICU Device Utilisation Report Parameter Screen

When first landing on the ICU Device Utilisation Reports page, there will be the option to set parameters for the required report (Figure 2). Table 1 lists the parameters, and their impact on the report.

Figure 2: ICU Device Utilisation Report parameters

Table 1: ICU Device Utilisation Report – Report Parameters

Parameter	Comment	Parameter Type	Note
Period From and Period To	Changes the time period the data is shown for.	Date Selector	<p>The default value for Period From will be 1st day of the current month – 13 months.</p> <p>The default value for Period To will be today’s date.</p> <p>These dates can be altered by using either the calendar-style date picker or by typing in the date using the following format: DD/MM/YYYY.</p>

Parameter	Comment	Parameter Type	Note
Organisation Type	Changes the organisation type the report displays the data by.	Drop-down	The default value will be the organisation type that you are signed in as (e.g. if you are signed in as an Intensive Care Unit user, it will show Intensive Care Unit) but you are able to select any of the other options.
Region	Changes the region that the data are presented for in this report. These are the NHS Regions and an overall 'National' value.	Multi-select drop-down	The default value is the region you are signed in as. For example, if you are an ICU user for Northwick Park ICU, the default region will be London.
ICU Classification	Changes the type of ICU the data is displayed for	Drop-down	Default option is 'aAll-' with other option being 'Adult' 'Neonatal' and 'Paediatric'
Output Type	Changes whether the report is presented as a table or a chart	Drop-down	The default is Table.
Organisation	Changes the organisation for which this report presents data.	Multi-select drop-down Please note: The drop-down menu can be made larger, so that you can read the full name of the organisations, by clicking on and dragging the	The organisation drop down options are based on the organisation type and region that you have already selected, that is if you have selected Intensive Care Unit for the Organisation Type and London for the Region, then all ICU units in London will be available in the Organisation drop-down

Parameter	Comment	Parameter Type	Note
		bottom right-hand corner to a wider point. 	The default organisation will be the organisation that you are signed into the system as. If you have access to multiple organisations of the same type, then all of the organisations will be selected as the default.
Limit Report To	Changes the data presented in the report according to ICU association.	Drop-down	<ul style="list-style-type: none"> • All • ICU-associated • Pre-ICU <p>Please note: Option ‘Pre-ICU’ will not work for data submitted prior to the transition to the new ICU DCS (October 2018).</p> <p>All options will be functional for data submitted after October 2018 provided that the total number of CVC days and total number of CVC days for patients in the unit for >2 nights have been submitted in the denominator data collections.</p>
Frequency	This changes the time period frequency (for example Monthly, Quarterly, and so on) that the data are presented as in this report.	Drop-down	The default is ‘Monthly’.

Once you have selected your parameters, please click 'View Report' to run the report. The output will appear on the screen, as shown in [Figure 3](#). You can then choose to review the report on screen by using the two scroll bars. Alternatively, you can export the report in one of four file types (PDF, CSV, Excel, Word). Please see [Figure 4](#) and [Figure 5](#) for examples of the report outputs (Table and Chart, respectively) and see [Figure 6](#) for more details on how to export the report.

ICU Device Utilisation Report Output: Screen View

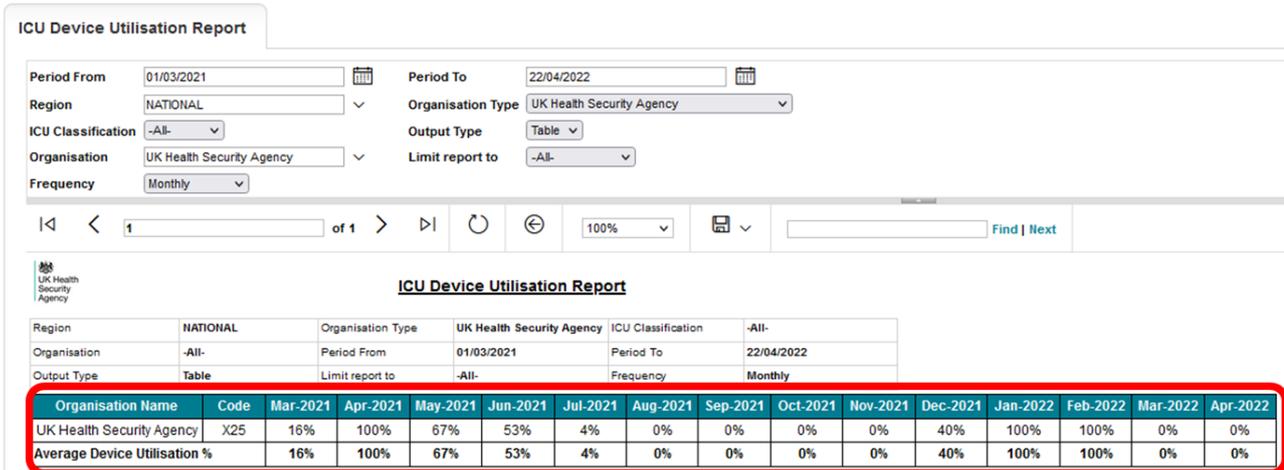
Figure 3: ICU Device Utilisation. Report Output: Screen View

Organisation Name	Code	Mar-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022
UK Health Security Agency	X25	16%	100%	67%	53%	4%	0%	0%	0%	0%	40%	100%	100%	0%	0%
Average Device Utilisation %		16%	100%	67%	53%	4%	0%	0%	0%	0%	40%	100%	100%	0%	0%

For a more detailed explanation of the highlighted icons, please see [Figure 6](#).

ICU Device Utilisation Report Output: Table

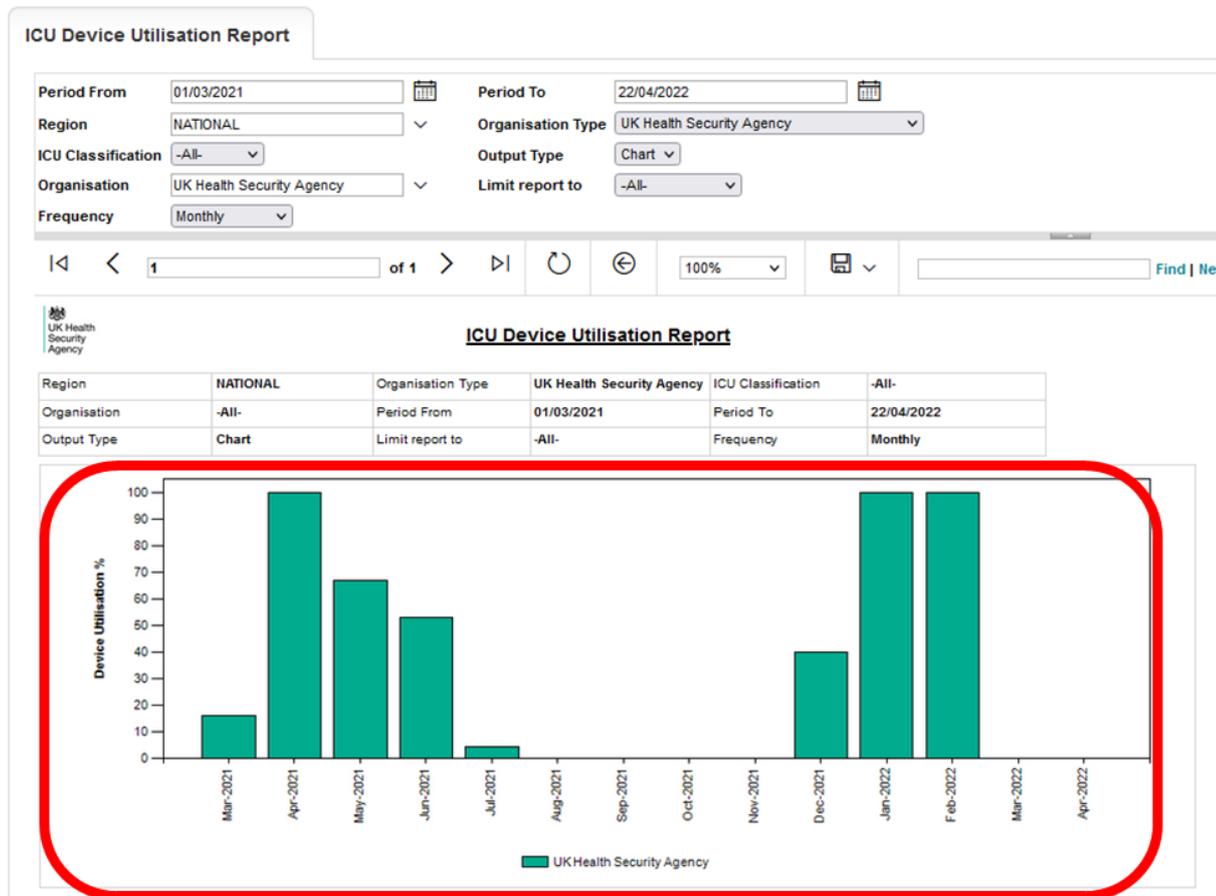
Figure 4: Counts or Rates of Infection Episodes. Report Output: Table



ICU Device Utilisation Report Output: Chart

Please note that the chart will be produced whether you include one organisation or many. The charts will become unclear if you include too many organisations. If you wish to look at many organisations at once, the table output will be clearer than the chart.

Figure 5: ICU Device Utilisation Report. Report Output: Chart

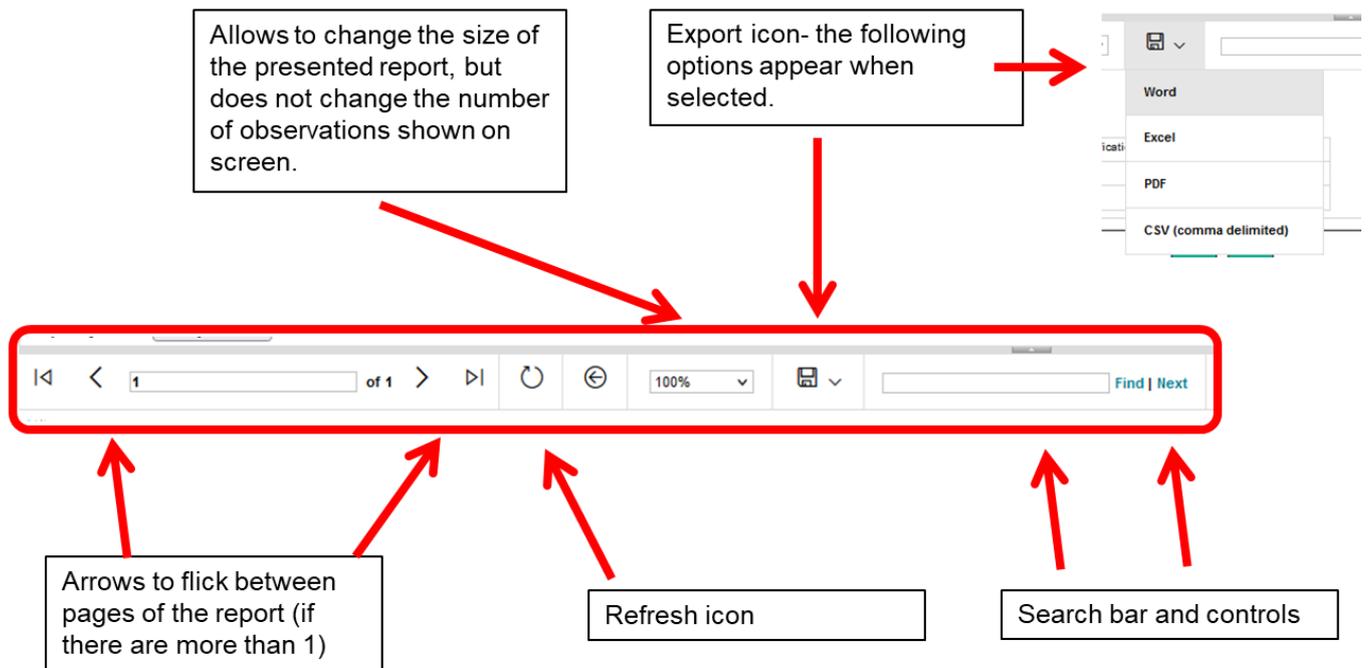


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To note – Limit report should be set to 'pre-ICU' or 'ICU-associated' before running. 'Pre-ICU' reports require total CVC data, which was not collected in the previous dataset, hence will be not functional until future data contains this.

ICU Device Utilisation Report Icons

Figure 6: Counts or Rates of Infection Episodes Report Icons



About the UK Health Security Agency

The UK Health Security Agency is an executive agency, sponsored by the [Department of Health and Social Care](#).

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