

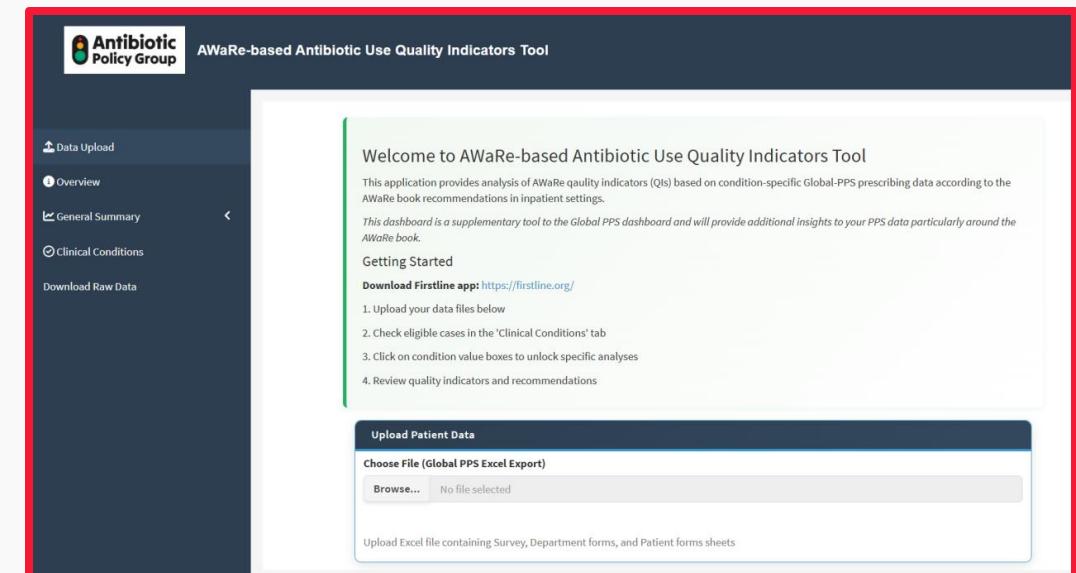
# Inpatient AWaRe Quality Indicator Dashboard

## User Manual



# How to use the dashboard

1. How to export data from Global PPS
2. How to upload data to QI dashboard
3. Navigating different sections
  - Overview
  - General Summary
  - Clinical conditions
4. Download annotated dataset
5. Data privacy



# Export datasets from Global PPS

## Export your data in Excel from Global-PPS dashboard



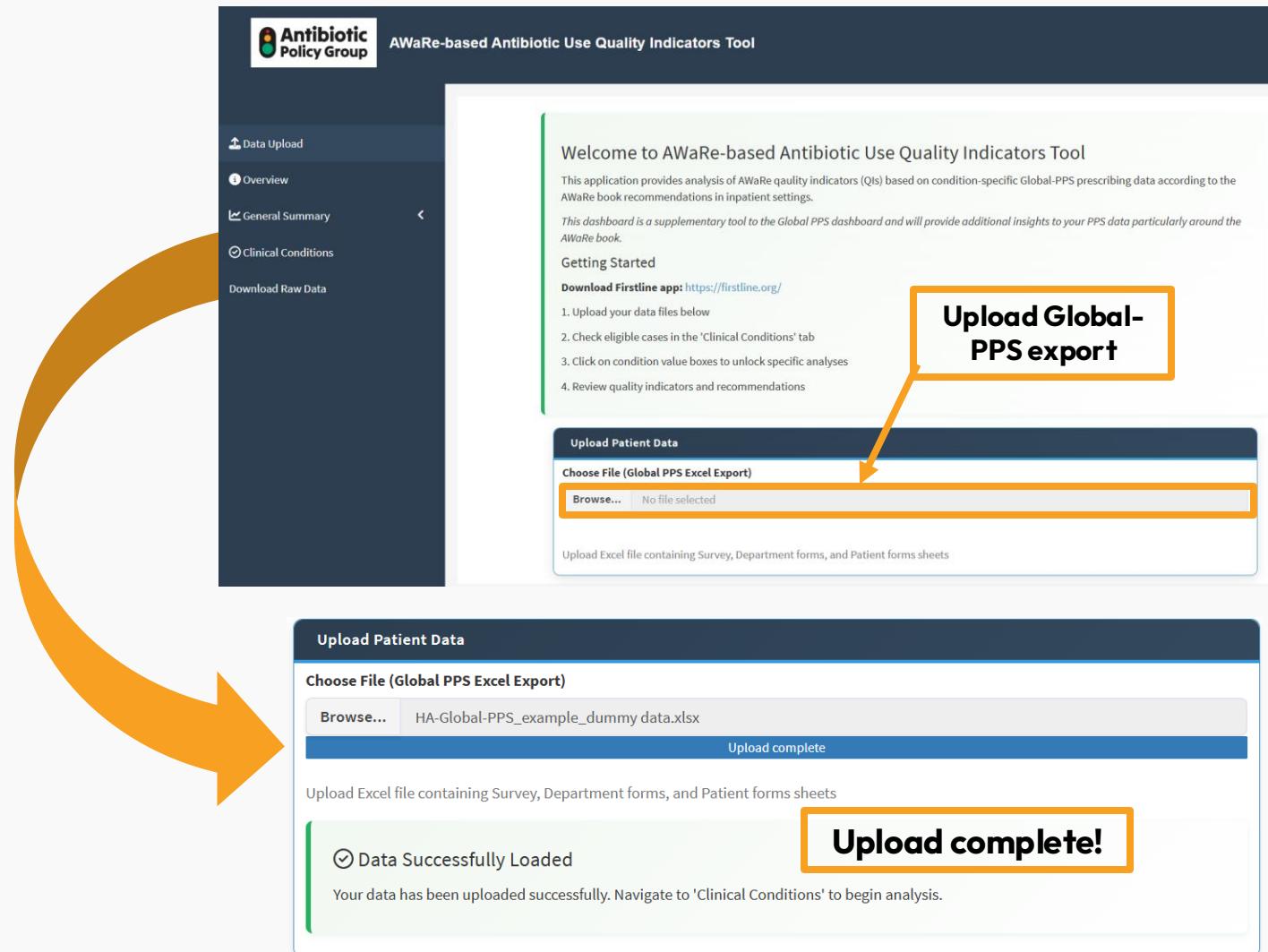
**Note #1:** If users export data for all years, the dashboard pools the results together; it does not allow analysis by year within a single combined dataset.

To compare by year, download each PPS period separately, upload them one at a time, and then compare the outputs.

**Note #2:** Do not change the headings in the exported sheet; the dashboard relies on these to read the data correctly. Any changes may cause upload errors or incorrect results.

# Upload dataset to AWaRe QI dashboard

## Upload Global-PPS export (Excel)



Access the dashboard from  
[HERE](#)

### Note #3:

- This is **independent tool** that automatically generate QIs results.
- It **complements** existing Global-PPS reports
- To offers hospitals **additional way** to explore PPS-based stewardship insights

# Overview Section

## Understand the dashboard

**Overview of the dashboard**

**Report Overview & Condition Definitions**

**AWaRe Quality Indicator Analysis Report**

This report provides a summary analysis of the Global PPS (gPPS) inpatient dataset based on the WHO AWaRe system. The analysis specifically focuses on empiric antibiotic prescribing practices in adults diagnosed with any of the seven community-acquired infections (CAIs) or surgical prophylaxis (SP), for infections in the WHO AWaRe Antibiotic Book and covered by the AWaRe-based Quality Indicators (QIs).

**General Notes**

- This tool uses standardised data from the Global-PPS, specifically extracted from the Excel-based outputs received from Global-PPS by participating hospitals.
- Quality indicators (QIs) were mapped and interpreted based on clinical assumptions aligning WHO guidance with available gPPS diagnostic codes.
- Intravenous (IV) administration was inferred from the Global-PPS 'Route' code 'P' (Parenteral), acknowledging that while this category may include intrathecal and intraperitoneal routes, it predominantly reflects IV use in clinical practice.

**Condition Definitions**

**1- Clinical Sepsis of Unknown Origin** (Based on WHO AWaRe book)  
**gPPS diagnostic code:** SEPSIS  
**gPPS definition:** Sepsis of any origin (e.g., urosepsis, pulmonary sepsis, etc.), sepsis syndrome, or septic shock with no clear anatomic site, including candidemia with septic symptoms.

**2- Meningitis** (Based on WHO AWaRe book)  
**gPPS diagnostic code:** CNS  
**gPPS definition:** Includes central nervous system infections.

**3- Community-acquired Pneumonia** (Based on WHO AWaRe book)  
**gPPS diagnostic code:** Pneu  
**gPPS definition:** Includes pneumonia and other lower respiratory tract infections (LRTIs).

**Note #3: READ THIS SECTION CAREFULLY BEFORE USING THE DASHBOARD**

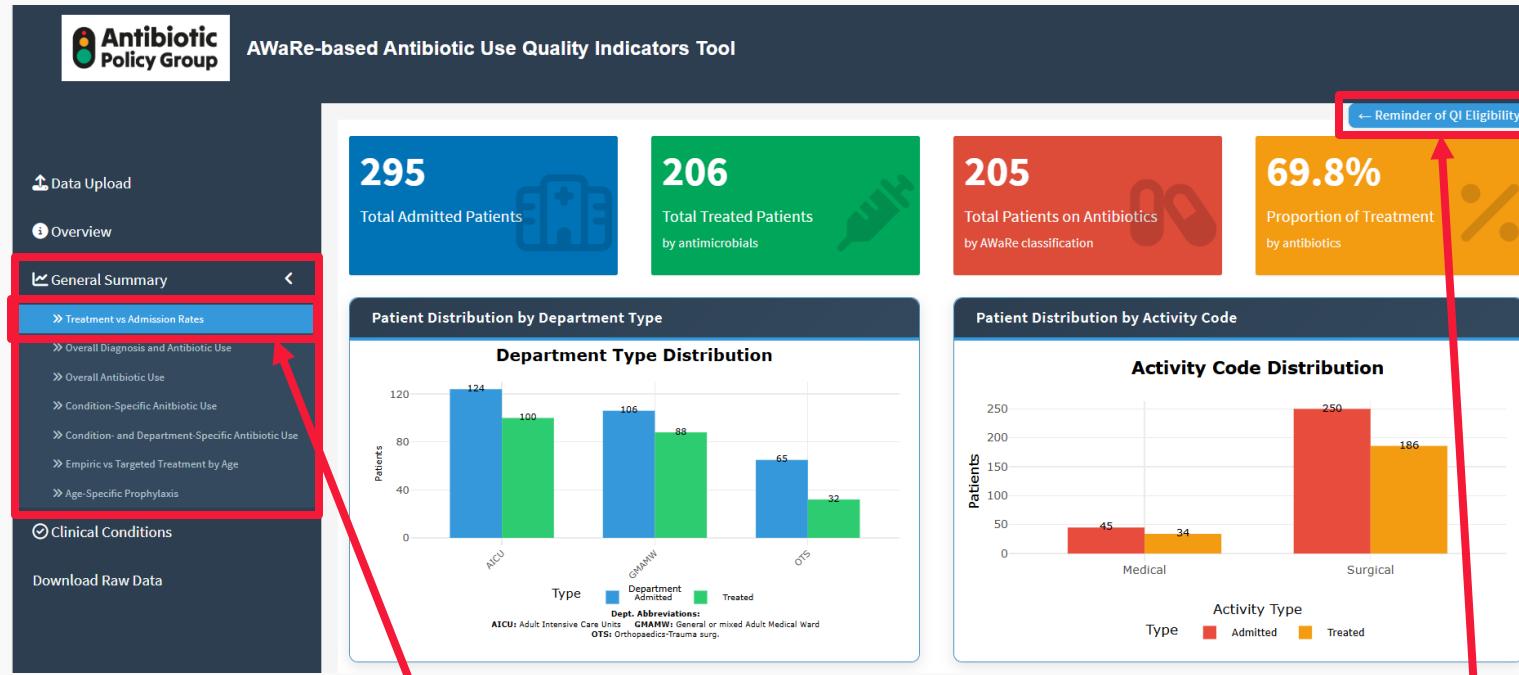
**Note #4: The Overview section provides background on the AWaRe Quality Indicator Dashboard and the scope of its analysis.**

*It includes eight clinical conditions (seven community-acquired infections and surgical prophylaxis) and focuses only on QI-eligible cases, defined as adult patients receiving empiric antibiotic treatment for these conditions.*

**Expand for more details on the included conditions**

# General Summary Section

**Navigate the general summary and get your insights!**



**An example from the general analysis**

**Note #5:** The general summary part of the analysis provides key insights, including:

- Patient distribution
- Overall antibiotic use and conditions
- Antibiotic use by AWaRe
- Antibiotic use by condition
- Antibiotic use by ward
- Indication-treatment pattern by age
- Prophylaxis indications by age

**Click this button to go to the overview section and review what “Qi-eligible” means**

## Navigate diagnoses and antibiotic use!

**Antibiotic Policy Group**

**AWaRe-based Antibiotic Use Quality Indicators Tool**

**Diagnosis and Antibiotic Use Data**

This table summarizes all patients treated by diagnosis code, including QI-eligible cases.

**Treated Patients by Diagnosis Code**

Counts of all treated patients and QI-eligible treated patients (unique survey IDs)

Diagnosis code	Total treated patients	QI eligible treated patients
SEPSIS	54	43
Pneu	25	21
Pye	23	12
BJ	22	11
CNS	22	20
Proph	21	21
IA	15	11
Proph BJ	8	0
SST	7	6
GI	2	0

Showing 1 to 10 of 13 entries

← Reminder of QI Eligibility

**Data Upload**

**Overview**

**General Summary**

- » Summary of patient distribution
- » Overall antibiotic use and conditions
- » Antibiotic use by AWaRe
- » Antibiotic use by condition
- » Antibiotic use by ward
- » Indication-treatment pattern by age
- » Prophylaxis indications by age

**Clinical Conditions:**

Download Raw Data

**Navigate diagnoses (codes) identified from the dataset**

### Note #6:

- This output shows which conditions/diagnoses have been identified in the dataset (and their prevalence)
- It summarises how many QI-related cases are present and how many are eligible for analysis
- Remember: QI-eligible cases are: adult patients on empiric antibiotics for one of 7 predefined community-acquired infections or for surgical prophylaxis

## Get your insights on antibiotic use by AWaRe category!

**Antibiotic Policy Group**

**AWaRe-based Antibiotic Use Quality Indicators Tool**

**General Summary**

- Summary of patient distribution
- Overall antibiotic use and conditions
- Antibiotic use by AWaRe**
- Antibiotic use by condition
- Antibiotic use by ward
- Indication-treatment pattern by age
- Prophylaxis indications by age

**Clinical Conditions**

Download Raw Data

**Overall summary of antibiotic use by AWaRe Classification**

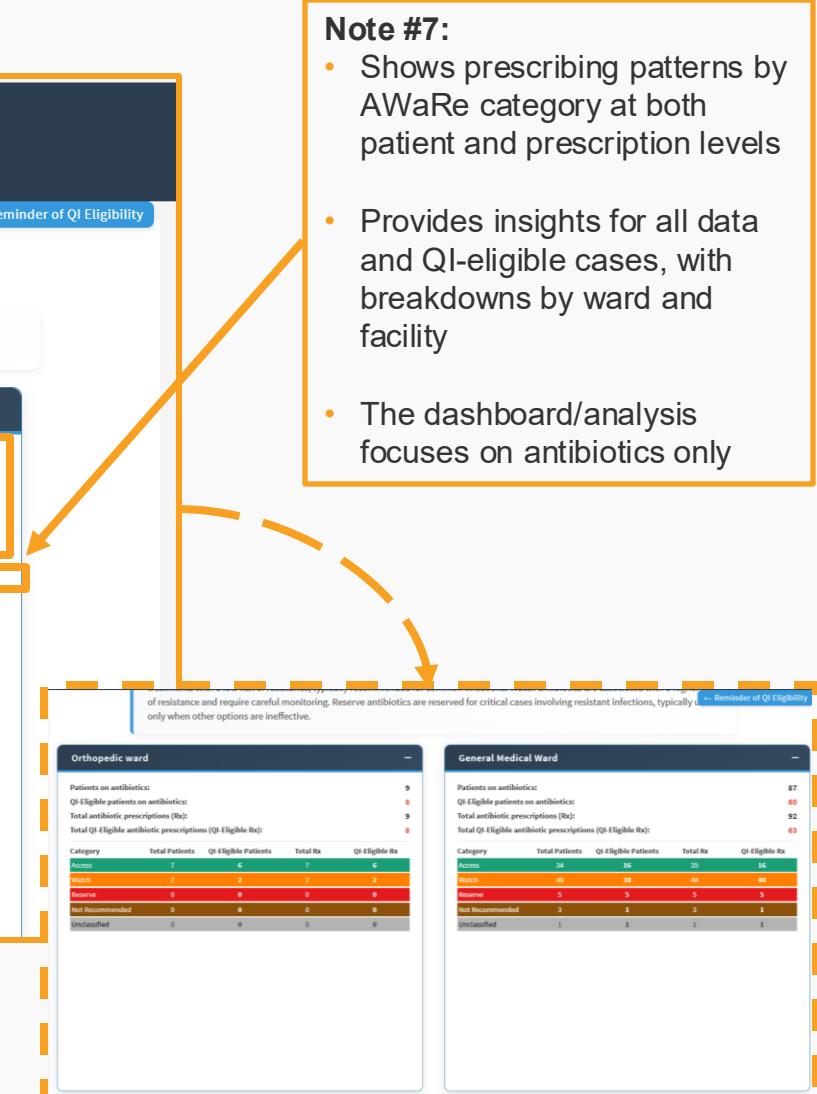
**Note:** Eligible patients are adults on empirical antibiotics for predefined community-acquired infections or for surgical prophylaxis.

Category	Total Patients	QI-Eligible Patients	Total Rx	QI-Eligible Rx
Access	60	35	62	36
Watch	122	95	125	98
Reserve	18	16	18	16
Not Recommended	3	1	3	1
Unclassified	1	1	1	1

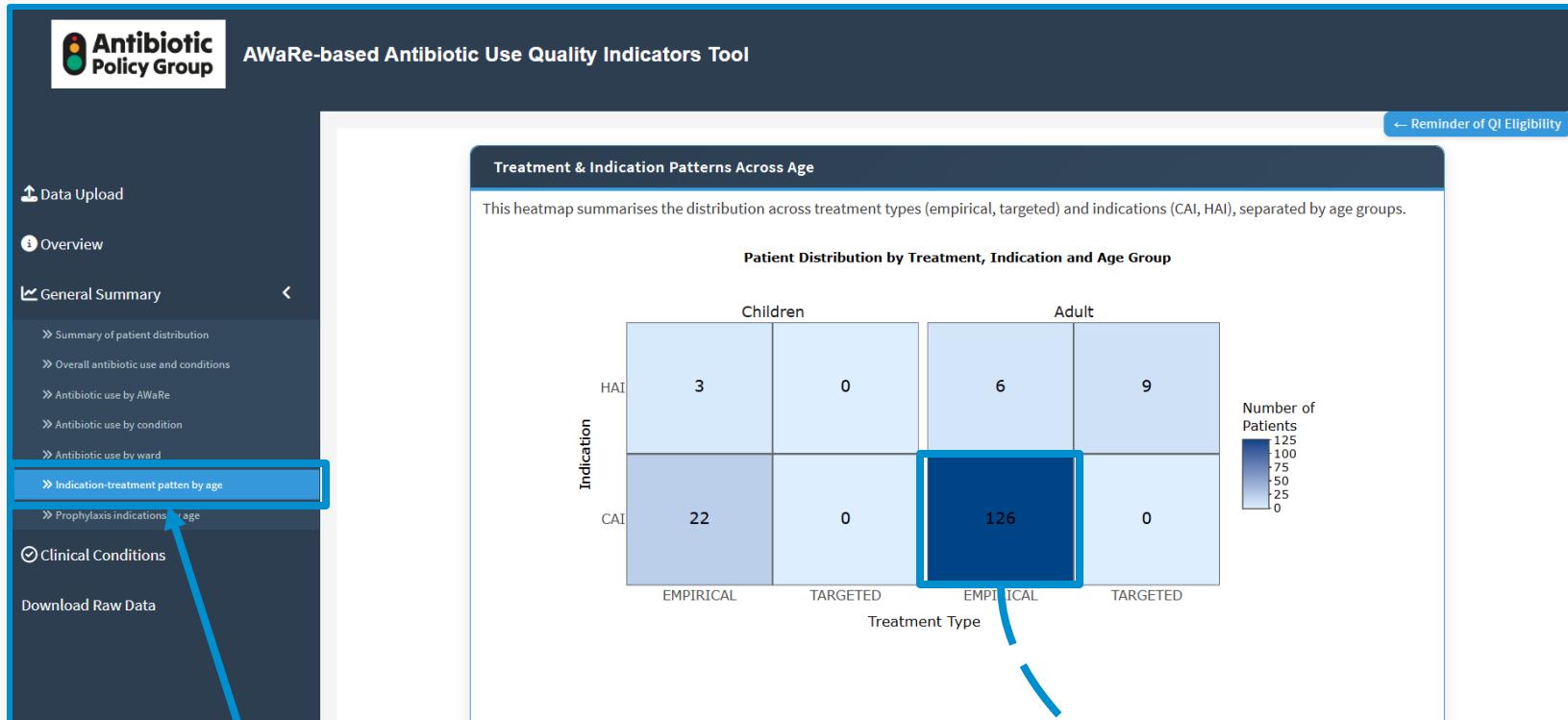
**Navigate the main menu**

### Note #7:

- Shows prescribing patterns by AWaRe category at both patient and prescription levels
- Provides insights for all data and QI-eligible cases, with breakdowns by ward and facility
- The dashboard/analysis focuses on antibiotics only



## Navigate indication-treatment pattern by age group



**Navigate indication-treatment pattern by age**

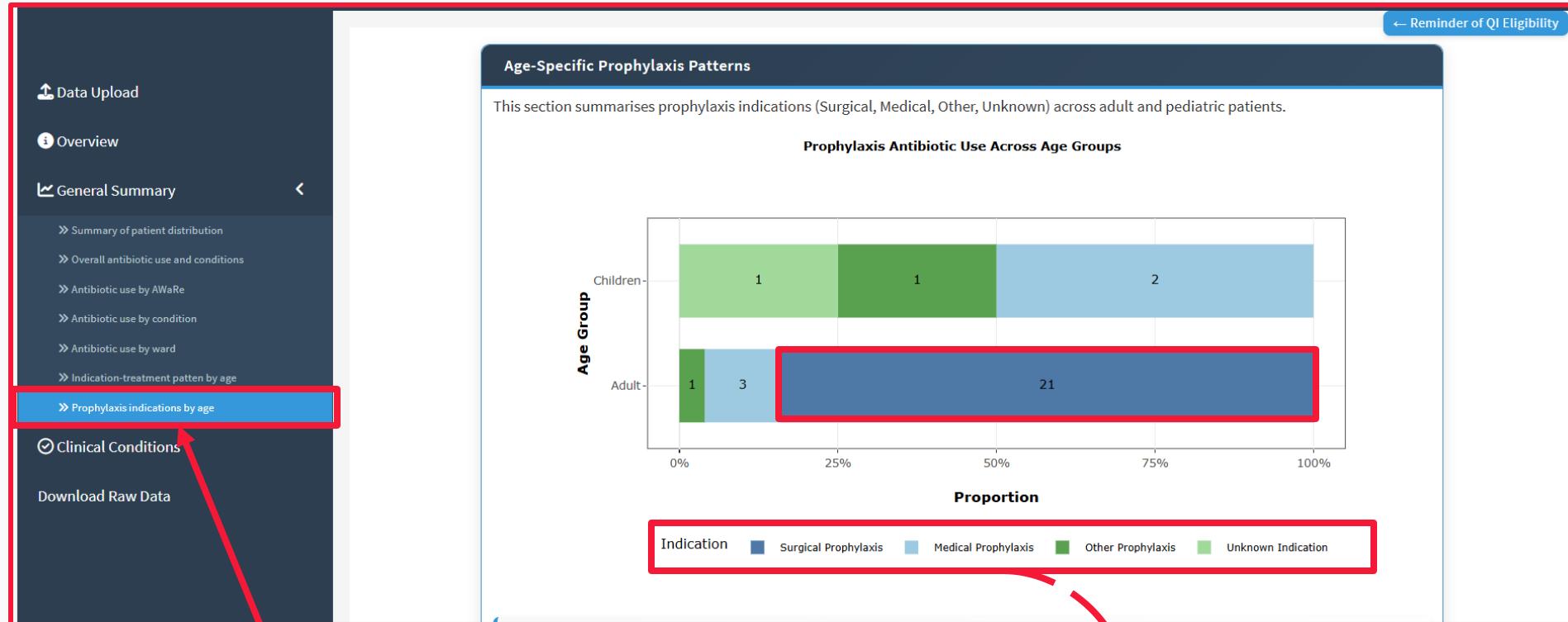
### Note #8:

- This heatmap shows how patients are distributed by treatment type (empiric/targeted), indication (CAI/HAI) and age group.
- This highlights where most cases are concentrated in the facility (e.g. mainly CAIs, mostly adults or children).
- If there are few adult CAI cases on empiric antibiotics, QI-specific results may be limited, but the overall patterns still provide useful insight into prescribing behaviour.

### Note #9:

- QI-eligible patients for the analysis are only adult patients on empiric treatment for community acquired infection (for the 7 predefined conditions)

## Navigate prophylaxis indications by age group



**Navigate indications by age group**

**Note #10:**

- Summarises all prophylaxis types by age in the dataset to provide context, from which the proportion of QI-eligible group can be seen
- QI-eligible cases here are only adult patients receiving surgical prophylaxis.

# Clinical Conditions Section

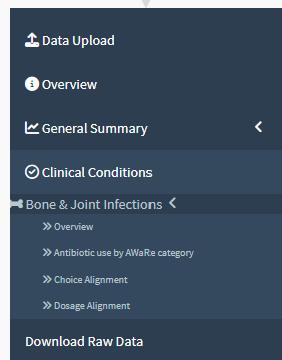


## Navigate the included clinical conditions

### Navigate condition-specific analysis



Click on the box to get condition-specific analysis/summary options!



**Navigate different clinical conditions and the number of QI eligible cases**

**Note #11:** The numbers show the count of Quality Indicator–eligible cases (*adult patients on empiric antibiotic treatment for community-acquired infections or surgical prophylaxis*) for each condition.

- If a condition has fewer than 10 eligible cases, the box appears in red, and related indicator outputs cannot be accessed.
- If there are 10 or more eligible cases, the box appears in green, and you can click it to open the list of analysis sections and navigate to their outputs.

## Get your condition-specific insights!

Navigate condition-specific analysis/summary!

The screenshot shows the AWaRe-based Antibiotic Use Quality Indicators Tool interface. On the left, a sidebar menu includes 'Data Upload', 'General Summary', 'Clinical Conditions' (selected), 'Bone & Joint Infections' (selected), 'Overview' (highlighted in blue), 'Antibiotic use by AWaRe category', 'Choice Alignment', and 'Dosage Alignment'. The main content area displays the 'Initial Eligible Cases Check' module for 'Bone & Joint Infections'. It states: 'This module applies WHO AWaRe Quality Indicators to adult inpatients with empirical antibiotics for community acquired bone and joint infections.' Below this are two bullet points: 'Diagnostic code: BJ' and 'Total eligible cases: 12'. A green box at the bottom right of the module contains the text: 'Good to go! Sufficient eligible cases available.' with a checkmark icon.

You can always return to the conditions menu to view other analyses

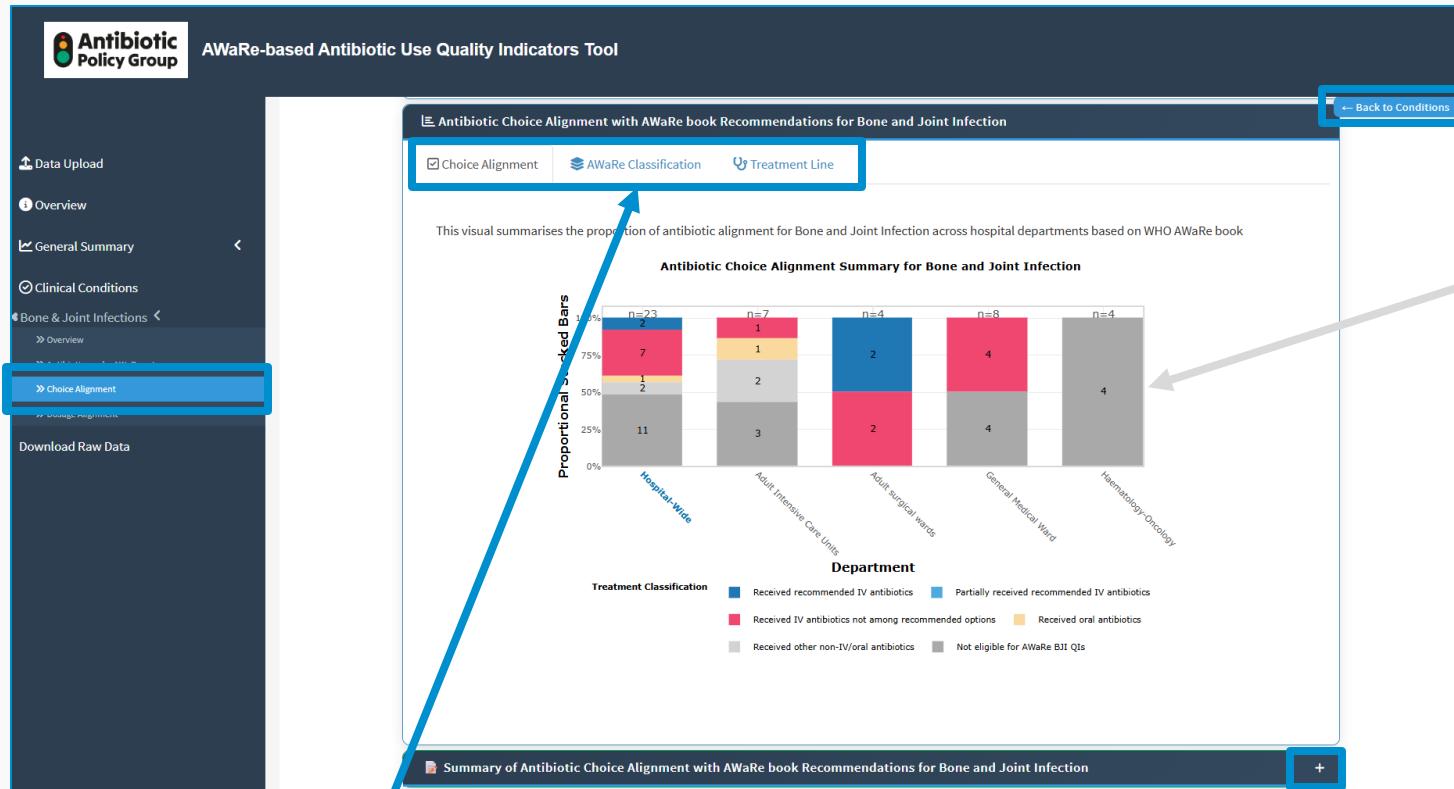
**Note #12:** This condition-specific overview (e.g., bone and joint infections) shows the number of QI-eligible cases in your dataset for that condition, included in the AWaRe QI analysis.

Each condition includes a set of QIs (the number may vary by condition) with outputs shown in sections such as:

- *Antibiotic use by AWaRe category*
- *Choice alignment with AWaRe Book*
- *Dosage alignment with AWaRe Book*

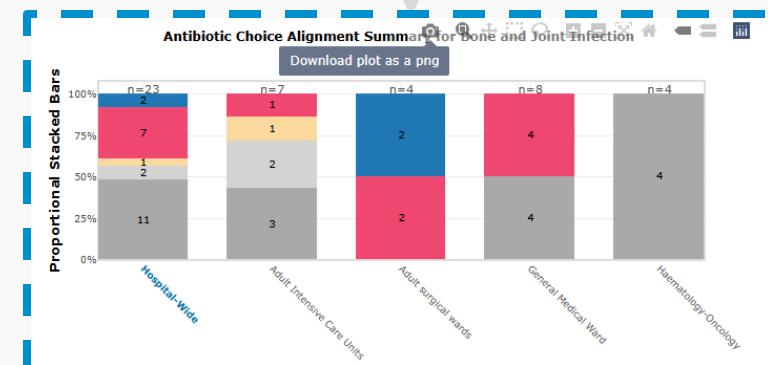


## Navigate condition-specific QI indicator outputs (example)



You can always return to the conditions menu to view other analyses

Note #13: Hover over a plot to show the camera icon, then click it to download.



Navigate different choice alignment-related outputs!

Click “+” to view a detailed written summary of the results by department

# Download annotated dataset

## Download original dataset and QI-eligible cases dataset

Antibiotic Policy Group AWaRe-based Antibiotic Use Quality Indicators Tool

Data Upload

Overview

General Summary

Clinical Conditions

Download Raw Data

Download Patient Data

Complete Dataset with QI-Eligibility Indicator

Download Complete Dataset with QI-Eligibility

click on the bottom to get the dataset downloaded in excel format

### Note #14:

- Users can download their original Global-PPS dataset.
- The file is returned with QI-eligible patients highlighted (flagged in an added variable)
- This helps facilities explore QI results in context (e.g., seeing which antibiotics were actually prescribed for QI-eligible patients and how these relate to the reported proportions on recommended vs non-recommended treatment).

# Data Privacy

# Data Privacy

- No data stored in the dashboard
- Once logged off, need to re-upload Excel file again to see the results

The screenshot shows two views of the AWaRe-based Antibiotic Use Quality Indicators Tool. The top view is the homepage, featuring the Antibiotic Policy Group logo, the title 'AWaRe-based Antibiotic Use Quality Indicators Tool', and a 'Data Privacy Disclaimer' section. The disclaimer states: 'Data Privacy Disclaimer: All data processing occurs locally in your browser session - no patient data or uploaded files are stored on our servers. Once you close the browser or refresh the page, all uploaded data is permanently deleted. We do not collect, store, or transmit any sensitive information.' The bottom view shows a 'Disconnected from the server.' message with a 'Reload' button, indicating a temporary connectivity issue.

**AWaRe-based Antibiotic Use Quality Indicators Tool**

**Data Privacy Disclaimer:** All data processing occurs locally in your browser session - no patient data or uploaded files are stored on our servers. Once you close the browser or refresh the page, all uploaded data is permanently deleted. We do not collect, store, or transmit any sensitive information.

Disconnected from the server.  
Reload