

# **Antimicrobial stewardship: 2b-The proportion of prescriptions for restricted antimicrobials that are in accordance with the locally endorsed approval policy**

**Exported from METEOR (AIHW's Metadata Online Registry)**

© Australian Institute of Health and Welfare 2024

This product, excluding the AIHW logo, Commonwealth Coat of Arms and any material owned by a third party or protected by a trademark, has been released under a Creative Commons BY 4.0 (CC BY 4.0) licence. Excluded material owned by third parties may include, for example, design and layout, images obtained under licence from third parties and signatures. We have made all reasonable efforts to identify and label material owned by third parties.

You may distribute, remix and build on this website's material but must attribute the AIHW as the copyright holder, in line with our attribution policy. The full terms and conditions of this licence are available at <https://creativecommons.org/licenses/by/4.0/>.

Enquiries relating to copyright should be addressed to [info@aihw.gov.au](mailto:info@aihw.gov.au).

Enquiries or comments on the METEOR metadata or download should be directed to the METEOR team at [meteor@aihw.gov.au](mailto:meteor@aihw.gov.au).

# Antimicrobial stewardship: 2b-The proportion of prescriptions for restricted antimicrobials that are in accordance with the locally endorsed approval policy

## Identifying and definitional attributes

|                             |  |
|-----------------------------|--|
| <b>Metadata item type:</b>  | Indicator  |
| <b>Indicator type:</b>      | Indicator  |
| <b>Short name:</b>          | 2b-The proportion of prescriptions for restricted antimicrobials that are in accordance with the locally endorsed approval policy  |
| <b>METEOR identifier:</b>   | 736884   |
| <b>Registration status:</b> | <a href="#">Australian Commission on Safety and Quality in Health Care, Standard 24/12/2020</a>  |
| <b>Description:</b>         | The proportion of prescriptions for restricted antimicrobials that are in accordance with the locally endorsed approval policy.  |
| <b>Indicator set:</b>       | <a href="#">Clinical care standard indicators: antimicrobial stewardship 2020</a><br><a href="#">Australian Commission on Safety and Quality in Health Care, Standard 24/12/2020</a> |

## Collection and usage attributes

|                                 |   |
|---------------------------------|---|
| <b>Computation description:</b> | <p>For the numerator and denominator, there may be one or more prescriptions for any one patient during an episode of care. All prescriptions meeting the criteria for the numerator or the denominator should be counted.</p> <p>For the numerator and denominator, 'restricted antimicrobials' refers to an antimicrobial that could contribute to the development of multidrug-resistant organisms, has considerable side effects or is expensive, and for which prescribing needs to meet certain criteria.</p> <p>'Antimicrobial formulary' refers to a list of antimicrobial agents approved for use within an organisation or a network that includes descriptions of restrictions and criteria for use.</p> <p>For the numerator, 'in accordance' means that the restricted antimicrobial prescription aligns with the antimicrobial formulary conditions, and where applicable, follows the procedures for obtaining approval for the use of restricted antimicrobials outlined in the local policy.</p> <p>Presented as a percentage.</p> |
| <b>Computation:</b>             | $(\text{Numerator} \div \text{Denominator}) \times 100$   |
| <b>Numerator:</b>               | Number of prescriptions for a restricted antimicrobial that are in accordance with the locally endorsed approval policy.  |
| <b>Denominator:</b>             | Number of prescriptions for restricted antimicrobials.  |

**Comments:** Restricting the use of antimicrobials through a formulary system with pre- or post-prescription approval is considered an essential component of any hospital antimicrobial stewardship program. In many circumstances, medicines on the formulary have conditions attached to their approval – for example, use for patients with a particular condition, or when other options are contraindicated. Certain antimicrobials may be restricted for use only with approval by nominated expert prescribers, such as infectious diseases physicians or microbiologists.

As per the *National Safety and Quality Health Service Standards (2nd ed)*, health service organisations are required to implement an antimicrobial stewardship policy that lists restricted antimicrobials and procedures for obtaining approval for the use of these antimicrobials.

See the *Antimicrobial Stewardship Clinical Care Standard* (ACSQHC 2020) for key considerations to optimise the use of antimicrobials.

See *Antimicrobial Stewardship in Australian Health Care* (ACSQHC 2018) for further information on restricted antimicrobials, formulary and approval processes.

## Representational attributes

**Representation class:** Percentage  
**Data type:** Real  
**Unit of measure:** Service event  
**Format:** N[NN]

## Accountability attributes

**Other issues caveats:** Applicable settings:  
All hospital settings, including public and private hospitals, acute, subacute facilities, outpatient and day procedure services.

## Source and reference attributes

**Submitting organisation:** Australian Commission on Safety and Quality in Health Care  
**Reference documents:** Australian Commission on Safety and Quality in Health Care. *Antimicrobial Stewardship Clinical Care Standard*. Sydney: ACSQHC; 2020.  
Australian Commission on Safety and Quality in Health Care. *Antimicrobial Stewardship in Australian Health Care* 2018. Sydney: ACSQHC; 2018.  
Australian Commission on Safety and Quality in Health Care. *National Safety and Quality Health Service Standards*. 2nd ed. Sydney: ACSQHC; 2017.