

# **Antimicrobial stewardship: 2a-The proportion of antimicrobial prescriptions that are in accordance with the current Therapeutic Guidelines or evidence-based, locally endorsed guidelines**

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# Antimicrobial stewardship: 2a-The proportion of antimicrobial prescriptions that are in accordance with the current Therapeutic Guidelines or evidence-based, locally endorsed guidelines

## Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	2a-The proportion of antimicrobial prescriptions that are in accordance with the current Therapeutic Guidelines or evidence-based, locally endorsed guidelines
METEOR identifier:	736882
Registration status:	<a href="#">Australian Commission on Safety and Quality in Health Care, Standard 24/12/2020</a>
Description:	The proportion of antimicrobial prescriptions that are in accordance with the current <i>Therapeutic Guidelines</i> or evidence-based, locally endorsed guidelines.
Indicator set:	<a href="#">Clinical care standard indicators: antimicrobial stewardship 2020</a> <a href="#">Australian Commission on Safety and Quality in Health Care, Standard 24/12/2020</a>

## Collection and usage attributes

Computation description:	<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, 'in accordance' means that the antimicrobial prescription aligns with the choice of antimicrobial (active ingredient), dose, frequency and route of administration, and duration of therapy as per the current <i>Therapeutic Guidelines</i> or evidence-based, locally endorsed guidelines.</p> <p>Presented as a percentage.</p>
Computation:	$(\text{Numerator} \div \text{Denominator}) \times 100$
Numerator:	Number of prescriptions for an antimicrobial that are in accordance with the current <i>Therapeutic Guidelines</i> or evidence-based, locally endorsed guidelines.
Denominator:	Number of prescriptions for antimicrobials for conditions that have documented guidelines on the use of antimicrobials.
Comments:	<p>As per the <i>Antimicrobial Stewardship Clinical Care Standard</i> (ACSQHC 2020), the term 'locally endorsed guidelines' should meet the following specific requirements:</p> <p><i>Therapeutic Guidelines: Antibiotic</i> provides national, evidence-based guidelines for antimicrobial use in Australia. However, in some cases, evidence-based and formally endorsed local adaptations may be more relevant to local patterns of antimicrobial resistance or specific patient populations requiring a localised approach or with highly specialised diagnoses out of the scope of <i>Therapeutic Guidelines</i>. Ensure that local adaptations of guidelines are based on <i>Therapeutic Guidelines</i> and, where they deviate, a clear rationale based on published clinical evidence and local epidemiology is documented and endorsed by a governing body. Endorsing bodies may include peer review at a drug and therapeutics, antimicrobial stewardship or medicines advisory committee, or equivalent.</p> <p>See the <i>Antimicrobial Stewardship Clinical Care Standard</i> (ACSQHC 2020) for key considerations to optimise the use of antimicrobials.</p>

## Representational attributes

<b>Representation class:</b>	Percentage
<b>Data type:</b>	Real
<b>Unit of measure:</b>	Service event
<b>Format:</b>	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

General practice and other community and primary healthcare settings such as Hospital in the Home, Aboriginal community controlled health services, dental practices and community pharmacies

Residential aged care 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.