

# **Antimicrobial stewardship: 3a-The proportion of patients with an adverse reaction to an antimicrobial with comprehensive documentation of the reaction in their healthcare record**

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# Antimicrobial stewardship: 3a-The proportion of patients with an adverse reaction to an antimicrobial with comprehensive documentation of the reaction in their healthcare record

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	3a-The proportion of patients with an adverse reaction to an antimicrobial with comprehensive documentation of the reaction in their healthcare record
<b>METEOR identifier:</b>	736886
<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 patients with an adverse reaction (including allergy) to an antimicrobial with comprehensive documentation of the reaction in their healthcare record.
<b>Indicator set:</b>	<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

<b>Computation description:</b>	<p>For the numerator and denominator, 'adverse reaction to an antimicrobial' refers to a response to an antimicrobial that is noxious and unintended, and occurs at doses normally used in people for the prophylaxis or therapy of disease. This may include, but is not limited to, nausea, allergy and anaphylaxis to antimicrobials.</p> <p>If the patient has multiple antimicrobial adverse reactions documented in their healthcare record then documentation of all adverse reactions should describe the active ingredient(s), nature and severity of the reactions for the patient to be counted in the numerator.</p> <p>Presented as a percentage.</p>
<b>Computation:</b>	$(\text{Numerator} \div \text{Denominator}) \times 100$
<b>Numerator:</b>	Number of patients where the documentation of their adverse reactions to antimicrobials in their healthcare record describes the active ingredient(s), nature and severity of the reactions.
<b>Denominator:</b>	Number of patients with an antimicrobial adverse reaction documented in their healthcare record.
<b>Comments:</b>	<p>See the <i>Antimicrobial Stewardship Clinical Care Standard</i> (ACSQHC 2020) for key considerations on adverse reactions to antimicrobials.</p> <p>See the <i>National Safety and Quality Health Service Standards. 2nd ed. Medication Safety Standard</i> for information relating to documenting adverse drug reactions.</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. National Safety and Quality Health Service Standards. 2nd ed. Sydney: ACSQHC; 2017.

Australian Commission on Safety and Quality in Health Care. Antimicrobial Stewardship Clinical Care Standard. Sydney: ACSQHC; 2020.