

# **Methicillin-resistant *Staphylococcus aureus* isolate— antibiotic susceptibility indicator, yes/no code N**

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# Methicillin-resistant *Staphylococcus aureus* isolate —antibiotic susceptibility indicator, yes/no code N

## Identifying and definitional attributes

Metadata item type:	Data Element
Short name:	Antibiotic susceptibility indicator (Methicillin-resistant <i>Staphylococcus aureus</i> isolate)
METEOR identifier:	752295
Registration status:	<a href="#">Health</a> , Standard 09/12/2022
Definition:	An indicator of whether the Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) isolate is susceptible to any of the antibiotics tested, as represented by a code.
Data Element Concept:	<a href="#">Methicillin-resistant <i>Staphylococcus aureus</i> isolate—antibiotic susceptibility indicator</a>
Value Domain:	<a href="#">Yes/no code N</a>

## Value domain attributes

### Representational attributes

<b>Representation class:</b>	Code	
<b>Data type:</b>	Boolean	
<b>Format:</b>	N	
<b>Maximum character length:</b>	1	
	<b>Value</b>	<b>Meaning</b>
<b>Permissible values:</b>	1	Yes
	2	No

### Source and reference attributes

Submitting organisation:	Australian Institute of Health and Welfare
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## Data element attributes

### Collection and usage attributes

<b>Guide for use:</b>	<p>Supports clinical management by identifying a range of antibiotics that can be used to treat a patient infected with Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA).</p> <p>Required for MRSA isolates only, where the <i>Staphylococcus aureus</i> is resistant to methicillin.</p> <p>CODE 1 Yes</p> <p>Record if the MRSA isolate is susceptible to any of the antibiotics tested.</p> <p>CODE 2 No</p> <p>Record if the MRSA isolate is not susceptible (i.e. resistant) to any of the antibiotics tested.</p> <p>Intermediate level resistance is reported as 2 (resistant).</p> <p>Must be used in conjunction with the metadata item <a href="#">Methicillin-resistant <i>Staphylococcus aureus</i> isolate—antibiotic susceptibility, text X[X(39)]</a> to indicate which antibiotics the MRSA isolate is susceptible to.</p> <p>For example, if the MRSA isolate is susceptible to only trimethoprim, the text recorded for <a href="#">Methicillin-resistant <i>Staphylococcus aureus</i> isolate—antibiotic susceptibility, text X[X(39)]</a> would be "Trimethoprim", and <i>Methicillin-resistant <i>Staphylococcus aureus</i> isolate—antibiotic susceptibility indicator, yes/no code N</i> would be CODE 1 (Susceptible). If the MRSA isolate is resistant to all antibiotics tested, then <i>Methicillin-resistant <i>Staphylococcus aureus</i> isolate—antibiotic susceptibility indicator, yes/no code N</i> would be CODE 2 (Resistant).</p>
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## Source and reference attributes

<b>Submitting organisation:</b>	Australian Commission on Safety and Quality in Health Care
<b>Origin:</b>	ACSQHC Healthcare Associated Infection Technical Working Group

## Relational attributes

<b>Related metadata references:</b>	<p>Supersedes <a href="#">Methicillin-resistant <i>Staphylococcus aureus</i> isolate—antibiotic susceptibility indicator, yes/no code N</a> <a href="#">Health</a>, Superseded 09/12/2022</p> <p>See also <a href="#">Methicillin-resistant <i>Staphylococcus aureus</i> isolate—antibiotic susceptibility, text X[X(39)]</a> <a href="#">Health</a>, Standard 09/12/2022</p>
<b>Implementation in Data Set Specifications:</b>	<p><a href="#">Surveillance of healthcare associated infection: <i>Staphylococcus aureus</i> bloodstream infection NBPDS</a> <a href="#">Health</a>, Standard 09/12/2022</p> <p><b>Conditional obligation:</b></p> <p>Required where <a href="#">Patient episode of <i>Staphylococcus aureus</i> bloodstream infection—<i>Staphylococcus aureus</i> methicillin susceptibility indicator, yes/no code N</a> is reported as CODE 2 No</p>