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

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| Identifying and definitional attributes | |
| Metadata item type: | Data Element |
| Short name: | Antibiotic susceptibility indicator (Methicillin-resistant Staphylococcus aureus isolate) |
| METEOR identifier: | 752295 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 09/12/2022 |
| Definition: | An indicator of whether the Methicillin-resistant *Staphylococcus aureus* (MRSA) isolate is susceptible to any of the antibiotics tested, as represented by a code. |
| Data Element Concept: | [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility indicator](https://meteor.aihw.gov.au/content/752293) |
| Value Domain: | [Yes/no code N](https://meteor.aihw.gov.au/content/270732) |

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| Value domain attributes | | |
| Representational attributes | | |
| Representation class: | Code | |
| Data type: | Boolean | |
| Format: | N | |
| Maximum character length: | 1 | |
|  | **Value** | **Meaning** |
| Permissible values: | 1 | Yes |
|  | 2 | No |

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| Source and reference attributes | |
| Submitting organisation: | Australian Institute of Health and Welfare |

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| Data element attributes | |
| Collection and usage attributes | |
| Guide for use: | Supports clinical management by identifying a range of antibiotics that can be used to treat a patient infected with Methicillin-resistant *Staphylococcus aureus* (MRSA).  Required for MRSA isolates only, where the *Staphylococcus aureus* is resistant to methicillin.  CODE 1   Yes  Record if the MRSA isolate is susceptible to any of the antibiotics tested.  CODE 2   No  Record if the MRSA isolate is not susceptible (i.e. resistant) to any of the antibiotics tested.  Intermediate level resistance is reported as 2 (resistant).  Must be used in conjunction with the metadata item [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility, text X[X(39)]](https://meteor.aihw.gov.au/content/752282) to indicate which antibiotics the MRSA isolate is susceptible to.  For example, if the MRSA isolate is susceptible to only trimethoprim, the text recorded for [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility, text X[X(39)]](https://meteor.aihw.gov.au/content/752282) would be "Trimethoprim", and *Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility indicator, yes/no code N* would be CODE 1 (Susceptible). If the MRSA isolate is resistant to all antibiotics tested, then *Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility indicator, yes/no code N* would be CODE 2 (Resistant). |
| Source and reference attributes | |
| Submitting organisation: | Australian Commission on Safety and Quality in Health Care |
| Origin: | ACSQHC Healthcare Associated Infection Technical Working Group |
| Relational attributes | |
| Related metadata references: | Supersedes [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility indicator, yes/no code N](https://meteor.aihw.gov.au/content/458628)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 09/12/2022  See also [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility, text X[X(39)]](https://meteor.aihw.gov.au/content/752282)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 09/12/2022 |
| Implementation in Data Set Specifications: | [Surveillance of healthcare associated infection: Staphylococcus aureus bloodstream infection NBPDS](https://meteor.aihw.gov.au/content/752224)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 09/12/2022  ***Conditional obligation:***  Required where [Patient episode of Staphylococcus aureus bloodstream infection—Staphylococcus aureus methicillin susceptibility indicator, yes/no code N](https://meteor.aihw.gov.au/content/752267) is reported as CODE 2 No  [Surveillance of healthcare associated infection: Staphylococcus aureus bloodstream infection NBPDS](https://meteor.aihw.gov.au/content/792068)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Recorded 26/04/2024  ***Conditional obligation:***  Required where [Patient episode of Staphylococcus aureus bloodstream infection—Staphylococcus aureus methicillin susceptibility indicator, yes/no code N](https://meteor.aihw.gov.au/content/752267) is reported as CODE 2 No |