Meningococcal Surveillance Australia:

Reporting period 1 April to 30 June 2021

Monica M Lahra, Masoud Shoushtari, Tiffany Hogan, for the National Neisseria Network, Australia

The reference laboratories of the National Neisseria Network, Australia, report laboratory data on invasive meningococcal disease (IMD) cases confirmed by laboratory testing using culture- and non-culture-based techniques for the Australian Meningococcal Surveillance Programme. Culture-positive cases, where Neisseria meningitidis is grown from a normally sterile site or from skin lesions, and non-culture-based diagnoses (nucleic acid amplification testing), are defined as IMD by the Public Health Laboratory Network definitions. Data contained in quarterly reports are restricted to a description of the numbers of cases by jurisdiction and serogroup, where known. Some minor corrections to data in Table 1 may be made in subsequent reports if additional data are received. A full analysis of laboratory-confirmed cases of IMD in each calendar year is contained in the AMSP annual report published in Communicable Diseases Intelligence.

# Author details

Monica M Lahra1,2Masoud Shoushtari 1Tiffany Hogan1

1. The World Health Organisation Collaborating Centre for STI and AMR and Neisseria Reference Laboratory, NSW Health Pathology, Microbiology, the Prince of Wales Hospital, Randwick, NSW 2031 Australia
2. School of Medical Sciences, Faculty of Medicine, the University of New South Wales, 2052 Australia

## Corresponding author

Professor Monica M Lahra,

World Health Organization Collaborating Centre for STI and AMR, Sydney, and Neisseria Reference Laboratory, NSW Health Pathology, Microbiology, The Prince of Wales Hospital, Randwick, NSW, 2031, Australia. School of Medical Sciences, Faculty of Medicine, the University of New South Wales, NSW 2052 Australia.

Telephone: +61 2 9382 9054  
Facsimile: +61 2 9382 9098  
Email: monica.lahra@health.nsw.gov.au

Table 1: Number of laboratory-confirmed cases of invasive meningococcal disease, Australia, 1 April to 30 June 2021,a by serogroup and state or territory

| Jurisdiction | Year | Serogroup | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | | B | | C | | Y | | W | | ND/otherb | | All | |
| Q2 | *ytdc* | Q2 | *ytd* | Q2 | *ytd* | Q2 | *ytd* | Q2 | *ytd* | Q2 | *ytd* | Q2 | *ytd* |
| Australian Capital Territory | 2021 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| New South Wales | 2021 | 0 | 0 | 6 | 6 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 7 | 10 |
| 2020 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 2 | 1 | 2 | 0 | 0 | 3 | 8 |
| Northern Territory | 2021 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Queensland | 2021 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 5 | 1 | 1 | 0 | 0 | 4 | 7 |
| 2020 | 0 | 0 | 2 | 11 | 0 | 0 | 0 | 3 | 1 | 3 | 0 | 0 | 3 | 17 |
| South Australia | 2021 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 4 | 5 |
| 2020 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 2 |
| Tasmania | 2021 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| 2020 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| Victoria | 2021 | 0 | 0 | 1 | 5 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 1 | 3 | 8 |
| 2020 | 0 | 0 | 3 | 5 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 2 | 4 | 10 |
| Western Australia | 2021 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 3 | 6 |
| 2020 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 3 | 0 | 0 | 2 | 5 |
| **Australia** | **2021** | **0** | **0** | **11** | **19** | **0** | **0** | **5** | **9** | **4** | **6** | **2** | **4** | **22** | **38** |
| **2020** | **0** | **0** | **10** | **24** | **0** | **0** | **1** | **8** | **4** | **11** | **0** | **2** | **15** | **45** |

a Data analysed by specimen collection date.

b ND: not determined. A,B,C,W and Y not detected.

c ytd: data as from 1 January to 30 June 2021.

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