Meningococcal Surveillance Australia: Reporting period 1 October to 31 December 2020

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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 (AMSP). Culture-positive cases, where Neisseria meningitidis is grown from a normally sterile site or 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. However, it is noted that there has been a substantial reduction in the number of IMD cases notified in 2020, across all quarters. 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*.

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Table 1: Number of laboratory-confirmed cases of invasive meningococcal disease, Australia, 1 October to 31 December 2020,a by serogroup and state or territory

|  | Year | Serogroup | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Jurisdiction | A | | B | | C | | Y | | W | | ND/otherb | | All | |
|  | Q4 | *ytd* | Q4 | *ytd* | Q4 | *ytd* | Q4 | *ytd* | Q4 | *ytd* | Q4 | *ytd* | Q4 | *ytd* |
| Australian Capital Territory | 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 2019 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| New South Wales | 2020 | 0 | 0 | 8 | 17 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 8 | 21 |
| 2019 | 0 | 0 | 11 | 34 | 0 | 0 | 4 | 14 | 1 | 10 | 0 | 0 | 16 | 58 |
| Northern Territory | 2020 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 2019 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 6 | 0 | 0 | 2 | 7 |
| Queensland | 2020 | 0 | 0 | 4 | 17 | 0 | 0 | 2 | 6 | 0 | 4 | 0 | 0 | 6 | 27 |
| 2019 | 0 | 0 | 1 | 18 | 0 | 0 | 1 | 18 | 4 | 9 | 0 | 0 | 6 | 45 |
| South Australia | 2020 | 0 | 0 | 1 | 3 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 2 | 5 |
| 2019 | 0 | 0 | 3 | 18 | 0 | 0 | 1 | 4 | 0 | 3 | 0 | 0 | 4 | 25 |
| Tasmania | 2020 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 |
| 2019 | 0 | 0 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 7 |
| Victoria | 2020 | 0 | 0 | 1 | 11 | 0 | 0 | 0 | 1 | 1 | 4 | 0 | 2 | 2 | 18 |
| 2019 | 0 | 0 | 4 | 16 | 0 | 0 | 2 | 4 | 2 | 14 | 0 | 0 | 8 | 34 |
| Western Australia | 2020 | 0 | 0 | 1 | 2 | 1 | 1 | 1 | 3 | 0 | 5 | 0 | 0 | 3 | 11 |
| 2019 | 0 | 0 | 3 | 8 | 1 | 6 | 1 | 2 | 3 | 9 | 0 | 0 | 8 | 25 |
| **Australia** | **2020** | **0** | **0** | **17** | **54** | **1** | **1** | **4** | **14** | **1** | **16** | **0** | **2** | **23** | **87** |
| 2019 | 0 | 0 | 25 | 101 | 1 | 6 | 9 | 42 | 11 | 53 | 0 | 0 | 46 | 202 |

a Data analysed by specimen collection date.

b ND: not determined.

**Communicable Diseases Intelligence**

ISSN: 2209-6051 Online

**Communicable Diseases Intelligence (CDI) is a peer-reviewed scientific journal published by the Office of Health Protection and Response, Department of Health. The journal aims to disseminate information on the epidemiology, surveillance, prevention and control of communicable diseases of relevance to Australia.**

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**Website**: <http://www.health.gov.au/cdi>

**Contacts**CDI is produced by Environmental Health and Health Protection Policy Branch, Office of Health Protection and Response, Australian Government Department of Health, GPO Box 9848, (MDP 6) CANBERRA ACT 2601

**Email:** [cdi.editor@health.gov.au](mailto:cdi.editor@health.gov.au)

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This journal is indexed by Index Medicus and Medline.

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