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.

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