Meningococcal Surveillance Australia

Reporting period 1 April to 30 June 2020

Monica M Lahra, Masoud Shoushtari and Sanghamitra Ray

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 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.

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Table 1: Number of laboratory-confirmed cases of invasive meningococcal disease, Australia, 1 April to 30 June 2020,a by serogroup and state or territory

| Jurisdiction | Year | Serogroup | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | | B | | C | | Y | | W | | ND/otherb | | All | |
| Q2 | ytd | Q2 | ytd | Q2 | ytd | Q2 | ytd | Q2 | ytd | Q2 | ytd | Q2 | ytd |
| **Australian Capital Territory** | 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 2019 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| **New South Wales** | 2020 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 2 | 1 | 2 | 0 | 0 | 3 | 8 |
| 2019 | 0 | 0 | 4 | 10 | 0 | 0 | 1 | 1 | 1 | 3 | 0 | 0 | 6 | 14 |
| **Northern Territory** | 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 5 | 0 | 0 | 4 | 5 |
| **Queensland** | 2020 | 0 | 0 | 2 | 11 | 0 | 0 | 0 | 3 | 1 | 3 | 0 | 0 | 3 | 17 |
| 2019 | 0 | 0 | 3 | 10 | 0 | 0 | 4 | 7 | 1 | 2 | 0 | 0 | 8 | 19 |
| **South Australia** | 2020 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 2 |
| 2019 | 0 | 0 | 7 | 8 | 0 | 0 | 2 | 2 | 0 | 1 | 0 | 0 | 9 | 11 |
| **Tasmania** | 2020 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| 2019 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 3 | 4 |
| **Victoria** | 2020 | 0 | 0 | 3 | 5 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 2 | 4 | 10 |
| 2019 | 0 | 0 | 6 | 8 | 0 | 0 | 1 | 2 | 5 | 7 | 0 | 0 | 12 | 17 |
| **Western Australia** | 2020 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 3 | 0 | 0 | 2 | 5 |
| 2019 | 0 | 0 | 2 | 3 | 2 | 5 | 0 | 0 | 0 | 3 | 0 | 0 | 4 | 11 |
| **Australia** | **2020** | **0** | **0** | **10** | **24** | **0** | **0** | **1** | **8** | **4** | **11** | **0** | **2** | **15** | **45** |
| 2019 | 0 | 0 | 24 | 42 | 2 | 5 | 8 | 12 | 12 | 23 | 0 | 0 | 46 | 82 |

a Data analysed by specimen collection date.

b ND: not determined.

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