Meningococcal Surveillance Australia Reporting period 1 January to 31 March 2020

Monica M Lahra, Masoud Shoustari, Tiffany R. Hogan

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 Lahra1,2 Masoud Shoushtari1 Tiffany R Hogan1

1. World Health Organization Collaborating Centre for STI and AMR, Sydney, and Neisseria Reference Laboratory, Microbiology Department, SEALS, The Prince of Wales Hospital, Randwick, NSW, 2031.
2. School of Medical Sciences, Faculty of Medicine, the University of New South Wales, NSW 2050 Australia.

## Corresponding author

Professor Monica M Lahra, World Health Organization Collaborating Centre for STI and AMR, Sydney, and Neisseria Reference Laboratory, Microbiology Department, SEALS, The Prince of Wales Hospital, Randwick, NSW, 2031. Telephone: +61 2 9382 9054 Facsimile: +61 2 9382 9210 Email: monica.lahra@health.nsw.gov.au

****Table 1: Number of laboratory-confirmed cases of invasive meningococcal disease by serogroup isolated in each Australian state and territory between 1 January and 31 March 2020,a by serogroup and state or territory****

| Jurisdiction | Year | A | B | C | Y | W | ND/otherb | All |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Q1 | ytd | Q1 | ytd | Q1 | ytd | Q1 | ytd | Q1 | ytd | Q1 | ytd | Q1 | ytd |
| ACT | 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| NSW | 2020 | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 2 | 1 | 1 | 0 | 0 | 5 | 5 |
| 2019 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 1 | 8 | 8 |
| NT | 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| Qld | 2020 | 0 | 0 | 9 | 9 | 0 | 0 | 3 | 3 | 2 | 2 | 0 | 0 | 14 | 14 |
| 2019 | 0 | 0 | 7 | 7 | 0 | 0 | 3 | 3 | 1 | 1 | 0 | 0 | 11 | 11 |
| SA | 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| 2019 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 |
| Tas | 2020 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 2019 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| Vic | 2020 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 6 | 6 |
| 2019 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | 1 | 2 | 2 | 0 | 0 | 5 | 5 |
| WA | 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 0 | 0 | 3 | 3 |
| 2019 | 0 | 0 | 1 | 1 | 3 | 3 | 0 | 0 | 3 | 3 | 0 | 0 | 7 | 7 |
| **Australia** | **2020** | **0** | **0** | **14** | **14** | **0** | **0** | **7** | **7** | **7** | **7** | **2** | **2** | **30** | **30** |
| **2019** | **0** | **0** | **17** | **17** | **3** | **3** | **4** | **4** | **11** | **11** | **1** | **1** | **36** | **36** |

a Data analysed by specimen collection date.

b ND: not determined.

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**Contacts**Communicable Diseases Intelligence is produced by:
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**Email:** cdi.editor@health.gov.au

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