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## **Meningococcal Surveillance Australia**

Reporting period 1 July to 30 September 2020

Monica M. Lahra, Masoud Shoushtari and Tiffany R Hogan  
for the National Neisseria Network

# Communicable Diseases Intelligence

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Communicable Diseases Intelligence is produced by:  
Health Protection Policy Branch  
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Department of Health  
GPO Box 9848, (MDP 6)  
CANBERRA ACT 2601

## Email:

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## Quarterly report

# Meningococcal Surveillance Australia

Reporting period 1 July to 30 September 2020

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The reference laboratories of the National Neisseria Network (NNN), 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. However it is noted that there has been a substantial reduction in 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*.

### Author details

Monica M Lahra<sup>1,2</sup>

Masoud Shoushtari<sup>1</sup>

Tiffany R Hogan<sup>1</sup>

1. Neisseria Reference Laboratory and World Health Organization Collaborating Centre for STI and AMR, Sydney. New South Wales Health Pathology, Microbiology, the Prince of Wales Hospital, Randwick, NSW Australia.

2. School of Medical Sciences, Faculty of Medicine, the University of New South Wales, 2053 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. School of Medical Sciences, Faculty of Medicine, the University of New South Wales, NSW 2050 Australia.

Telephone: +61 2 9382 9050.

Facsimile: +61 2 9382 9210.

Email: [monica.lahra@health.nsw.gov.au](mailto:monica.lahra@health.nsw.gov.au).

**Table 1: Number of laboratory-confirmed cases of invasive meningococcal disease, Australia, 1 July to 30 September 2020,<sup>a</sup> by serogroup and state or territory**

Jurisdiction	Year	Serogroup																	
		A		B		C		Y		W		ND/other <sup>b</sup>		All					
		Q3	ytd	Q3	ytd	Q3	ytd	Q3	ytd	Q3	ytd	Q3	ytd	Q3	ytd	Q3	ytd		
Australian Capital Territory	2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	2019	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
New South Wales	2020	0	0	5	11	0	0	0	2	0	0	1	0	0	0	5	14		
	2019	0	0	14	24	0	0	9	9	6	9	0	0	0	29	42			
Northern Territory	2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	2019	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5		
Queensland	2020	0	0	2	13	0	0	1	4	1	4	0	0	0	4	21			
	2019	0	0	7	17	0	0	10	17	3	5	0	0	20	39				
South Australia	2020	0	0	1	2	0	0	0	1	0	0	0	0	0	1	3			
	2019	0	0	7	15	0	0	1	3	2	3	0	0	10	21				
Tasmania	2020	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2			
	2019	0	0	1	3	0	0	0	0	0	2	0	0	1	5				
Victoria	2020	0	0	5	10	0	0	1	2	1	3	0	2	7	17				
	2019	0	0	4	12	0	0	0	2	5	12	0	0	9	26				
Western Australia	2020	0	0	0	1	0	0	1	2	2	5	0	0	3	8				
	2019	0	0	2	5	0	5	1	1	3	6	0	0	6	17				
<b>Australia</b>	<b>2020</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>39</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>11</b>	<b>4</b>	<b>14</b>	<b>0</b>	<b>2</b>	<b>20</b>	<b>66</b>				
	<b>2019</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>77</b>	<b>0</b>	<b>5</b>	<b>21</b>	<b>32</b>	<b>19</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>75</b>	<b>156</b>				

<sup>a</sup> Data analysed by specimen collection date.

<sup>b</sup> ND: not determined.