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Reporting period 1 October to 31 December 2021

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

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CDI is produced by the 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

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Quarterly reports

Meningococcal Surveillance Australia

Reporting period 1 October to 31 December 2021

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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 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. However, it is noted that there has been a continued reduction in the number of IMD laboratory-confirmed cases in 2021 compared to 2020, coinciding with the public health measures in place during the coronavirus disease 2019 (COVID-19) pandemic. 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^{1,2}
Masoud Shoushtari¹
Tiffany R Hogan¹

1. The World Health Organization Collaborating Centre for STI and AMR and Neisseria Reference Laboratory. NSW Health Pathology, Microbiology, Prince of Wales Hospital, Randwick, NSW, 2031, Australia
2. The School of Medical Sciences, Faculty of Medicine, University of New South Wales, Kensington, NSW, 2052, Australia

Corresponding author

Professor Monica M Lahra,

World Health Organization Collaborating Centre for STI and AMR and Neisseria Reference Laboratory. NSW Health Pathology, Microbiology, Prince of Wales Hospital, Randwick, NSW, 2031, Australia

Telephone: +61 2 9382 9054

Facsimile: +61 2 9382 9098

Email: monica.lahra@health.nsw.gov.au

Table 1: Number of laboratory-confirmed cases of invasive meningococcal disease, Australia, 1 October to 31 December 2021, by serogroup and state or territory

Jurisdiction	Year	Serogroup															
		A		B		C		Y		W		ND/other ^a		All			
		Q4	ytd ^b	Q4	ytd	Q4	ytd	Q4	ytd	Q4	ytd	Q4	ytd	Q4	ytd		
Australian Capital Territory	2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
New South Wales	2021	0	0	6	12	0	0	0	0	3	0	0	0	0	1	6	18
	2020	0	0	8	17	0	0	0	0	2	0	0	0	0	0	8	21
Northern Territory	2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	2020	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1
Queensland	2021	0	0	2	5	0	0	1	6	1	3	0	0	0	4	14	
	2020	0	0	4	17	0	0	2	6	0	4	0	0	0	6	27	
South Australia	2021	0	0	3	6	0	0	0	0	2	6	0	0	0	5	12	
	2020	0	0	1	3	0	0	1	2	0	0	0	0	0	2	5	
Tasmania	2021	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	
	2020	0	0	1	3	0	0	0	0	0	0	0	0	0	1	3	
Victoria	2021	0	0	1	7	0	0	0	2	0	0	0	0	1	1	10	
	2020	0	0	1	11	0	0	0	1	1	4	0	0	2	2	18	
Western Australia	2021	0	0	0	3	0	0	1	2	2	3	0	0	2	3	10	
	2020	0	0	1	2	1	1	1	3	0	5	0	0	0	3	11	
Australia	2021	0	0	12	35	0	0	2	13	5	15	0	4	19	67		
	2020	0	0	17	54	1	1	4	14	1	16	0	2	23	87		

a ND: not determined. Serogroups A, B, C, W and Y not detected.
b year to date (ytd): data as from 1 January to 31 December 2021.