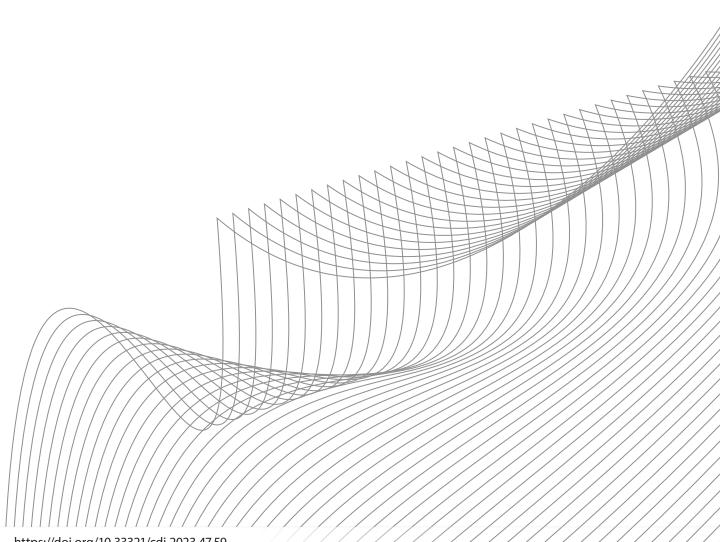


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# Communicable Diseases Intelligence Meningococcal Surveillance Australia

Reporting period 1 January to 31 March 2023

Monica M Lahra and Tiffany R Hogan for the National Neisseria Network



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# **Quarterly Report**

# Meningococcal Surveillance Australia

# Reporting period 1 January to 31 March 2023

Monica M Lahra and Tiffany R Hogan for the National Neisseria Network

The reference laboratories of the National Neisseria Network, Australia report data on invasive meningococcal disease (IMD) cases confirmed by culture and/or molecular techniques for the Australian Meningococcal Surveillance Programme (AMSP). Culture-positive cases and molecular-based diagnoses are defined as IMD by the Communicable Diseases Network Australia National Guidelines for Public Health Units.¹ Data contained in the quarterly reports are restricted to a description of the number of cases by jurisdiction and sero-group, when known. Some minor corrections to data in Table 1 may be made in subsequent reports if additional data are received.

IMD notifications in Australia in the first quarter of 2023 were greater than in the corresponding period in 2022 but still below the 36 IMD cases reported in quarter one of 2019 (prior to the SARS-CoV-2 pandemic).<sup>2</sup> Notably, the predominance of *N. meningitidis* serogroup B (MenB) IMD continued in the first quarter of 2023 (21/23, 91.3% of notifications), showing an increase from 84% in the fourth quarter of 2022.<sup>3</sup> In contrast, between 2019 and 2021, 50–62% of IMD was attributable to MenB.<sup>4</sup> 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 confirmations of invasive meningococcal disease, Australia, 1 January to 31 March 2023, by serogroup and state or territory

								Serog	Serogroup			ı			
Jurisdiction	,	A			В		U	>	W	Α		Z	NDª	All	
	rear	01	ytd <sup>b</sup>	01	ytd	-	ytd	٥.	ytd	01	ytd	6	ytd	01	ytd
A return I as Comits as	2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Australian capital iemituty	2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Many Courth Wales	2023	0	0	9	9	0	0	0	0	1	1	0	0	7	7
New South Wales	2022	0	0	3	3	0	0	0	0	0	0	_	1	4	4
Machan Transform	2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern leffilory	2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62010	2023	0	0	7	7	0	0	0	0	0	0	0	0	7	7
Queensiand	2022	0	0	2	2	0	0	0	0	0	0	0	0	2	2
A Australia	2023	0	0	2	2	0	0	0	0	0	0	0	0	2	2
Soutil Australia	2022	0	0	2	2	0	0	0	0	0	0	0	0	2	2
Tomoria	2023	0	0	2	2	0	0	0	0	0	0	0	0	2	2
lasillallia	2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Victoria	2023	0	0	3	3	0	0		1	0	0	0	0	4	4
VICTORIA	2022	0	0	3	3	0	0	0	0	0	0	1	1	4	4
More and Indian	2023	0	0	1	_	0	0	0	0	0	0	0	0	1	-
Westelli Austidiid	2022	0	0	3	3	0	0	0	0	1	1	0	0	4	4
	2023	0	0	21	21	0	0	1	1	1	-	0	0	23	23
Australia	2022	0	0	13	13	0	0	0	0	-	-	2	2	16	16

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ND: not determined. ytd: year to date, data from 1 January to 31 March 2023.

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