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Meningococcal Surveillance Australia: Reporting period 1 October to 31 December 2020

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Quarterly report

Meningococcal Surveillance Australia: Reporting period 1 October to 31 December 2020

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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 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 the 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*.

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Table 1: Number of laboratory-confirmed cases of invasive meningococcal disease, Australia, 1 October to 31 December 2020,^a by serogroup and state or territory

Jurisdiction	Year	Serogroup															
		A		B		C		Y		W		ND/other ^b		All			
		Q4	ytd ^c	Q4	ytd	Q4	ytd	Q4	ytd	Q4	ytd	Q4	ytd	Q4	ytd		
Australian Capital Territory	2020	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	1
New South Wales	2020	0	0	8	17	0	0	0	2	0	2	0	0	0	0	8	21
	2019	0	0	11	34	0	0	4	14	1	10	0	0	0	0	16	58
Northern Territory	2020	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1
	2019	0	0	1	1	0	0	0	0	1	6	0	0	0	0	2	7
Queensland	2020	0	0	4	17	0	0	2	6	0	4	0	0	0	6	27	
	2019	0	0	1	18	0	0	1	18	4	9	0	0	0	6	45	
South Australia	2020	0	0	1	3	0	0	1	2	0	0	0	0	0	2	5	
	2019	0	0	3	18	0	0	1	4	0	3	0	0	0	4	25	
Tasmania	2020	0	0	1	3	0	0	0	0	0	0	0	0	0	1	3	
	2019	0	0	2	5	0	0	0	0	0	2	0	0	0	2	7	
Victoria	2020	0	0	1	11	0	0	0	1	1	4	0	2	2	2	18	
	2019	0	0	4	16	0	0	2	4	2	14	0	0	0	8	34	
Western Australia	2020	0	0	1	2	1	1	1	3	0	5	0	0	3	11		
	2019	0	0	3	8	1	6	1	2	3	9	0	0	0	8	25	
Australia	2020	0	0	17	54	1	1	4	14	1	16	0	2	23	87		
	2019	0	0	25	101	1	6	9	42	11	53	0	0	46	202		

^a Data analysed by specimen collection date.

^b ND: not determined.

^c ytd: year to date.