



Australian Government
Department of Health

COMMUNICABLE DISEASES INTELLIGENCE

2019 Volume 43

<https://doi.org/10.33321/cdi.2019.43.59>

Meningococcal Surveillance Australia **Reporting period 1 July to 30 September 2018**

Monica M Lahra and Rodney Enriquez for the National Neisseria Network, Australia.

Communicable Diseases Intelligence

ISSN: 2209-6051 Online

This journal is indexed by Index Medicus and Medline.

Creative Commons Licence - Attribution-NonCommercial-NoDerivatives CC BY-NC-ND

© 2019 Commonwealth of Australia as represented by the Department of Health

This publication is licensed under a Creative Commons Attribution-Non-Commercial NoDerivatives 4.0 International Licence from <https://creativecommons.org/licenses/by-nc-nd/4.0/legalcode> (Licence). You must read and understand the Licence before using any material from this publication.

Restrictions

The Licence does not cover, and there is no permission given for, use of any of the following material found in this publication (if any):

- the Commonwealth Coat of Arms (by way of information, the terms under which the Coat of Arms may be used can be found at www.itsanhonour.gov.au);
- any logos (including the Department of Health's logo) and trademarks;
- any photographs and images;
- any signatures; and
- any material belonging to third parties.

Disclaimer

Opinions expressed in Communicable Diseases Intelligence are those of the authors and not necessarily those of the Australian Government Department of Health or the Communicable Diseases Network Australia. Data may be subject to revision.

Enquiries

Enquiries regarding any other use of this publication should be addressed to the Communication Branch, Department of Health, GPO Box 9848, Canberra ACT 2601, or via e-mail to: copyright@health.gov.au

Communicable Diseases Network Australia

Communicable Diseases Intelligence contributes to the work of the Communicable Diseases Network Australia.
<http://www.health.gov.au/cdna>



Communicable Diseases Intelligence (CDI) is a peer-reviewed scientific journal published by the Office of Health Protection, Department of Health. The journal aims to disseminate information on the epidemiology, surveillance, prevention and control of communicable diseases of relevance to Australia.

Editor

Cindy Toms

Deputy Editor

Simon Petrie

Design and Production

Kasra Yousefi

Editorial Advisory Board

David Durrheim,
Mark Ferson, John Kaldor,
Martyn Kirk and Linda Selvey

Website

<http://www.health.gov.au/cdi>

Contacts

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

Email:

cdi.editor@health.gov.au

Submit an Article

You are invited to submit your next communicable disease related article to the Communicable Diseases Intelligence (CDI) for consideration. More information regarding CDI can be found at:
<http://health.gov.au/cdi>.

Further enquiries should be directed to:
cdi.editor@health.gov.au.

Meningococcal Surveillance Australia

Reporting period 1 July to 30 September 2018

Monica M Lahra and Rodney Enriquez for the National Neisseria Network, Australia.

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, derived from results of nucleic acid amplification testing (NAAT), are defined as IMD according to 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. Data are reported by specimen collection date. A full analysis of laboratory-confirmed cases of IMD in each calendar year is contained in the AMSP annual report published in CDI.

Author details

Monica M Lahra^{1,2,3}

Rodney Enriquez^{1,2}

1. The National Neisseria Network, Australia
2. Neisseria Reference Laboratory and World Health Organisation Collaborating Centre for STD, Sydney. New South Wales Health Pathology, Microbiology, The Prince of Wales Hospital, Randwick, NSW Australia.
3. 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 STD, 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

Table 1: Number of laboratory confirmed cases of invasive meningococcal disease by jurisdiction and serogroup, Australia, third quarter 2018.

Jurisdiction	Year	Serogroup														
		A		B		C		Y		W		ND ^a /other		All		
		Q3	ytd	Q3	ytd	Q3	ytd	Q3	ytd	Q3	ytd	Q3	ytd	Q3	ytd	
Australian Capital Territory	2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	2017	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
New South Wales	2018	0	0	6	21	1	2	3	10	11	16	0	1	21	50	
	2017	0	0	18	35	0	3	10	13	7	12	0	3	35	66	
Northern Territory	2018	0	0	1	2	0	0	0	0	2	4	0	0	3	6	
	2017	0	0	1	1	0	0	1	2	13	14	0	0	15	17	
Queensland	2018	0	0	8	21	0	0	3	9	4	9	1	2	16	41	
	2017	0	0	7	19	0	0	3	15	5	13	0	0	15	47	
South Australia	2018	0	0	6	17	0	0	0	1	2	3	0	0	8	21	
	2017	0	0	11	18	0	0	1	3	7	11	0	0	19	32	
Tasmania	2018	0	0	3	3	0	0	1	1	5	5	0	0	9	9	
	2017	0	0	0	2	0	0	1	1	1	6	1	1	3	10	
Victoria	2018	0	0	5	11	0	1	2	9	9	15	0	2	16	38	
	2017	0	0	13	21	3	5	4	11	11	27	0	0	31	64	
Western Australia	2018	0	0	4	7	0	0	0	1	13	18	0	0	17	26	
	2017	0	0	2	7	0	1	5	5	7	13	0	1	14	27	
Australia	2018	0	0	33	82	1	3	9	31	46	71	1	5	90	192	
	2017	0	0	52	103	3	9	27	52	51	96	1	5	134	265	

^a ND: not determined.
Note: Data analysed by specimen collection date.