

National Communicable Diseases Surveillance Report
Fortnight 15, 2023 Summary Notes for Selected Diseases
10 July 2023 to 24 July 2023

Infectious and congenital syphilis

Increases in infectious syphilis notifications are attributed to an on-going outbreak occurring in Aboriginal and Torres Strait Islander people residing in northern and central Australia, continued increases among men who have sex with men (MSM) in urban areas, and increases in women (Aboriginal and Torres Strait Islander and non-Indigenous) predominately residing in urban areas of Australia.

Syphilis response

On 23 March 2021, the Australian Health Protection Principal Committee (AHPPC) endorsed the [National strategic approach for responding to rising rates of syphilis in Australia](#) 2021 (Strategic Approach) prepared through the Communicable Diseases Network Australia (CDNA) and BBV STI Standing Committee (BBVSS). The Strategic Approach builds on and intersects with existing national activities related to syphilis and provides specific focus for efforts towards rising rates of syphilis and adverse outcomes in Australia.

The CDNA and BBVSS are, in collaboration, developing priority public health actions, including those related to workforce and community engagement, to ensure progress is made towards reducing the incidence of syphilis and elimination of congenital syphilis in Australia.

For further information on national activities related to syphilis refer to the Department's website <https://www1.health.gov.au/internet/main/publishing.nsf/Content/ohp-syphilis.htm>

Cryptosporidiosis

Cryptosporidiosis is a parasitic infection that commonly presents as gastroenteritis. In the past 12 months (24 July 2022 – 23 July 2023), there have been 2,496 cases of cryptosporidiosis reported to the National Notifiable Diseases Surveillance System (NNDSS), which is slightly higher than the historical five-year mean (n=2,433). In the past 3 months (25 April 2023 – 23 July 2023), there have been 856 cases of cryptosporidiosis reported to the NNDSS, which is 66% higher than the historical five-year mean for this period (n=516). The increase in notifications in the past 3 months is largely driven by higher notifications in QLD and NT. In this reporting period (10 July – 23 July 2023) 106 cases of cryptosporidiosis have been notified (56 in QLD, 23 in VIC, 13 in NSW, 8 in NT, 3 in WA, 2 in SA, 1 in ACT), bringing the total number of cases reported year to date (YTD) to 1,619.

Interpretative Notes

Selected diseases are chosen each fortnight based on either exceeding two standard deviations from the 90 day and/or 365 day five year rolling mean or other disease issues of significance identified during the reporting period. All diseases reported are analysed by notification receive date. Data are extracted each Monday of a CDNA week.

Totals comprise data from all States and Territories. Cumulative figures are subject to retrospective revision so there may be discrepancies between the number of new notifications and the increment in the cumulative figure from the previous period.

¹*The past quarter (90 day) surveillance period includes the date range (25/04/2023 to 24/07/2023).*

²*The quarterly (90 day) five year rolling mean is the average of 5 intervals of 90 days up to 24/07/2023. The ratio is the notification activity in the past quarter (90 days) compared with the five year rolling mean for the same period.*

³*The past year (365 day) surveillance period includes the date range (25/07/2022 to 24/07/2023).*

⁴*The yearly (365 day) five year rolling mean is the average of 5 intervals of 365 days up to 24/07/2023. The ratio is the notification activity in the past year (365 days) compared with the five year rolling mean for the same period.*

The five year rolling mean and the ratio of notifications compared with the five year rolling mean should be interpreted with caution. Changes in surveillance practice, diagnostic techniques and reporting may contribute to increases or decreases in the total notifications received over a five year

period. Ratios are to be taken as a crude measure of current disease activity and may reflect changes in reporting rather than changes in disease activity.