

National Communicable Diseases Surveillance Report
Fortnight 01, 2024 Summary Notes for Selected Diseases
11 December 2023 to 07 January 2024

Cryptosporidiosis

Cryptosporidiosis is a parasitic infection that commonly presents as gastroenteritis. In the past 12 months (1 January 2023 – 7 January 2024), there have been 3,694 cases of cryptosporidiosis reported to the National Notifiable Diseases Surveillance System (NNDSS), which is 1.5 times higher than the historical five-year mean (n=2,414). In the past 3 months (10 October 2023 – 7 January 2024), there have been 1,437 cases of cryptosporidiosis reported to the NNDSS, which is 2.9 times higher than the historical five-year mean for this period (n=496). The increase in notifications in the past 3 months is largely driven by increased notifications in NSW, QLD and VIC. In this special 4 week reporting period (11 December 2023 – 7 January 2024) 540 cases of cryptosporidiosis have been notified (235 in QLD, 130 in NSW, 121 in VIC, 26 in SA, 18 in WA, 5 in NT, 4 in ACT, 1 in TAS).

Influenza

Nationally, notifications of laboratory-confirmed influenza are currently higher than expected for the interseasonal period (November to March) and for the reporting period are almost 3 times greater than for the same time period last year (n=3,900). This may be due to an increase in disease circulation in the community and waning protection from seasonal Influenza vaccinations given at the start of the season, but may also be impacted by changes in health-seeking behaviour associated with current increases in COVID-19 circulation in many jurisdictions, such as increased testing for respiratory infections.

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>

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.

¹The past quarter (90 day) surveillance period includes the date range (10/10/2023 to 07/01/2024).

²The quarterly (90 day) five year rolling mean is the average of 5 intervals of 90 days up to 07/01/2024. The ratio is the notification activity in the past quarter (90 days) compared with the five-year rolling mean for the same period.

³The past year (365 day) surveillance period includes the date range (08/01/2023 to 07/01/2024).

⁴The yearly (365 day) five year rolling mean is the average of 5 intervals of 365 days up to 07/01/2024. 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.