

**NATIONAL PRIMARY CARE INFECTIOUS DISEASES
SENTINEL SURVEILLANCE FORTNIGHTLY REPORT**

From The Australian Sentinel Practices Research Network (ASPREN) *

No. 07, 2023 - 27th March — 9th April 2023

NATIONAL SUMMARY



Influenza-like-illness levels are decreasing

5

Cases of influenza have been detected in this reporting period
4 x Influenza A
1 x Influenza B

13%

Influenza positivity during the reporting period.

23

Cases of influenza have been detected this year:
15 x Influenza A
8 x Influenza B



Gastroenteritis levels are decreasing

**SYNDROMIC SURVEILLANCE
REPORTING**

Reports were received from 194 reporters from 8 states and territories during the reporting period. During weeks 13 and 14 reporters saw a total of 29,313 patients.

INFLUENZA-LIKE-ILLNESS (ILI)

Nationally, ILI notifications decreased during the period with 72 notifications being reported in weeks 13–14. ILI rates reported in this period were 3 and 2 cases per 1000 consultations (weighted). This was slightly lower than the previous fortnight where rates were 3 cases per 1000 consultations in weeks 11 and 12. For the same reporting period in 2022, ILI rates were similar at 3 cases per 1000 consultations for weeks 13 and 14 (see Fig. 5).

GASTROENTERITIS

Nationally, gastroenteritis notifications significantly decreased to 41 notifications reported. Gastroenteritis rates reported in this period decreased to 2 and 1 cases per 1000 consultations in weeks 13 and 14 respectively, compared to 2 and 3 cases per 1000 consultations in weeks 11 and 12 respectively (see Fig. 5).

* ASPREN is funded by the Commonwealth's Department of Health, Office of Health Protection, Vaccine Preventable Disease Surveillance Section.

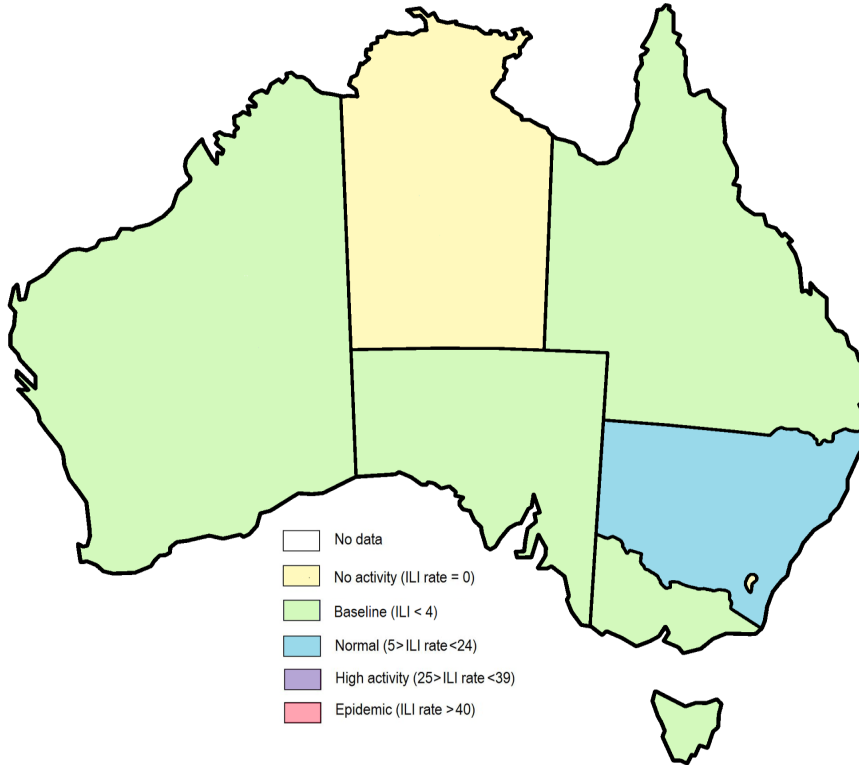


Figure 1. Map of ILI activity by jurisdiction, weeks 13 - 14, 2023.

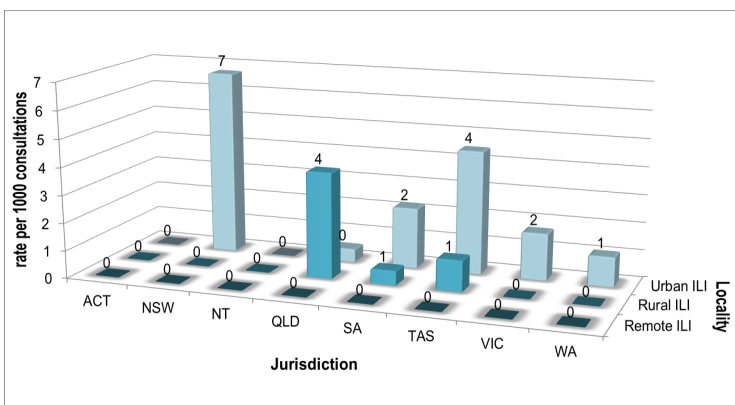


Figure 2. ASPREN rate of ILI by locality and jurisdiction, weeks 13 - 14, 2023.

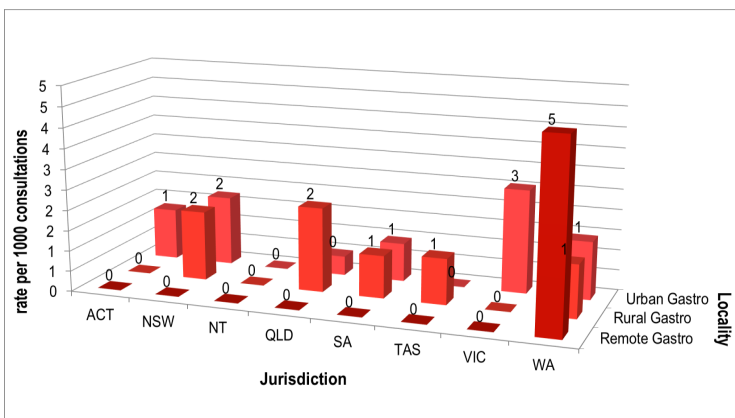


Figure 3. ASPREN rate of gastroenteritis by locality and jurisdiction, weeks 13 - 14, 2023.

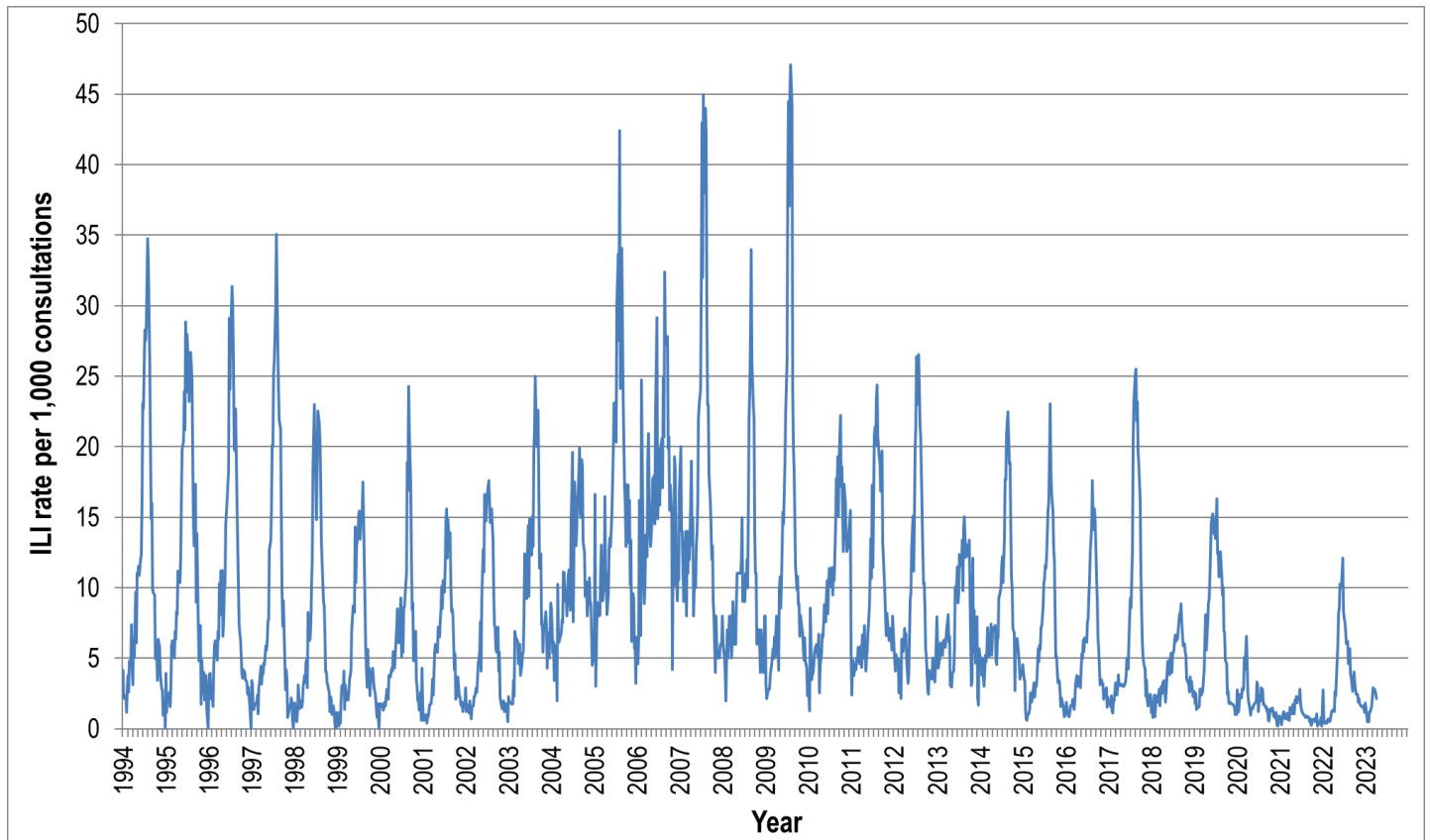


Figure 4. ASPREN ILI rates 1994 - 2023.

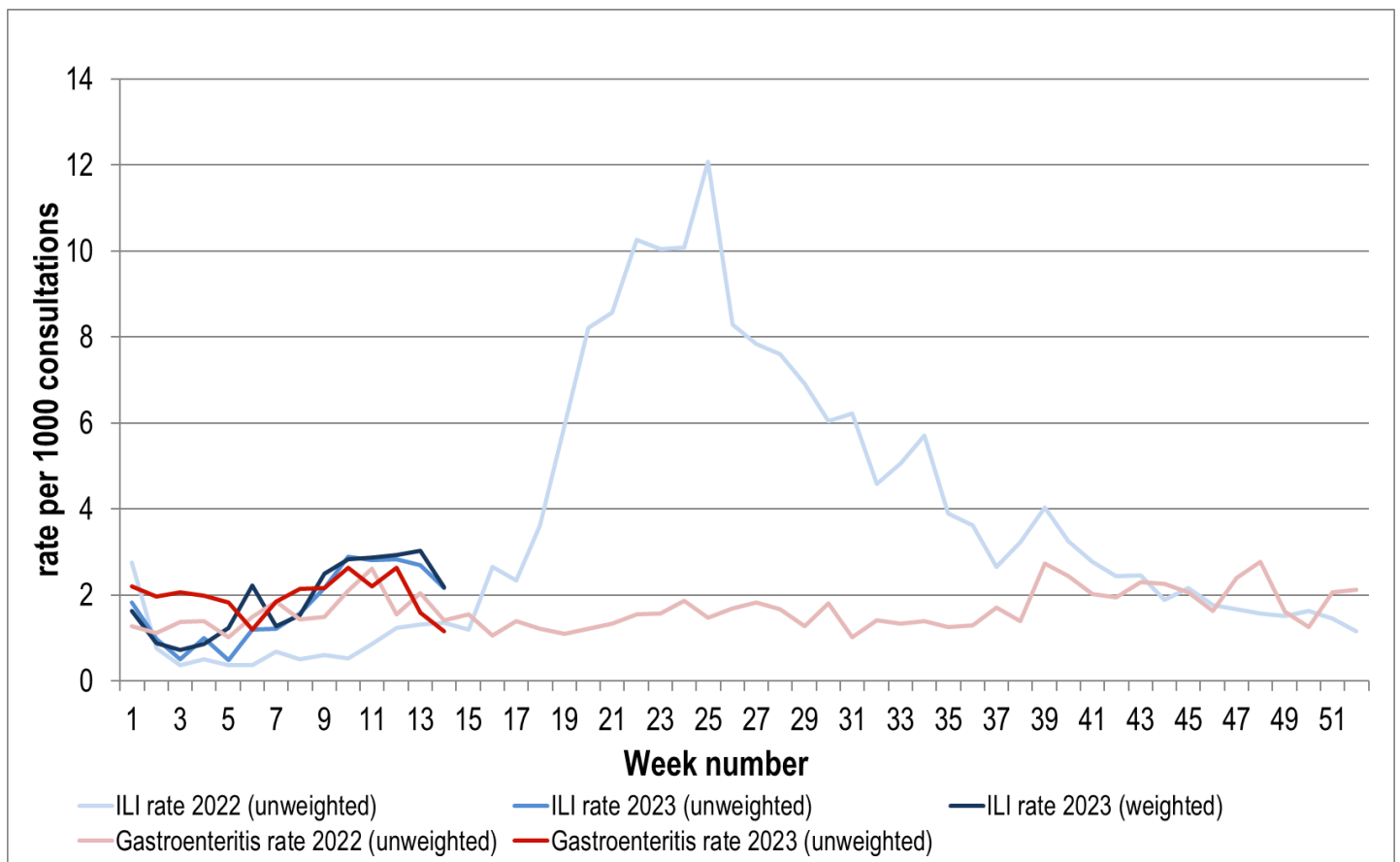


Figure 5. ASPREN ILI and gastroenteritis rates 2022-23. Weighted rates are weighted to account for population size differences between jurisdictions, using population estimates from the 2011 Australian Census.

VIROLOGICAL SURVEILLANCE

56% of all ILI patients were swab tested during weeks 13 and 14 (see Figure 6).

4 cases of Influenza A, 1 case of Influenza B and 4 cases of SARS-CoV-2 were detected during this period. There were 7 cases of Rhinovirus detected making it the most common respiratory virus circulating the nation at present (see figure 8).

Viral laboratory data is provided by SA Pathology laboratory.

	Reporting Period 27 March - 9 April 2023	YTD 1 Jan - 9 April 2023
Total number of ILI notifications	72	364
Number of swab tests performed	40	178
% ILI patients tested	56%	49%
% of swab tests positive for influenza	13%	13%

Figure 6. ASPREN virological surveillance results overview for 2023 #

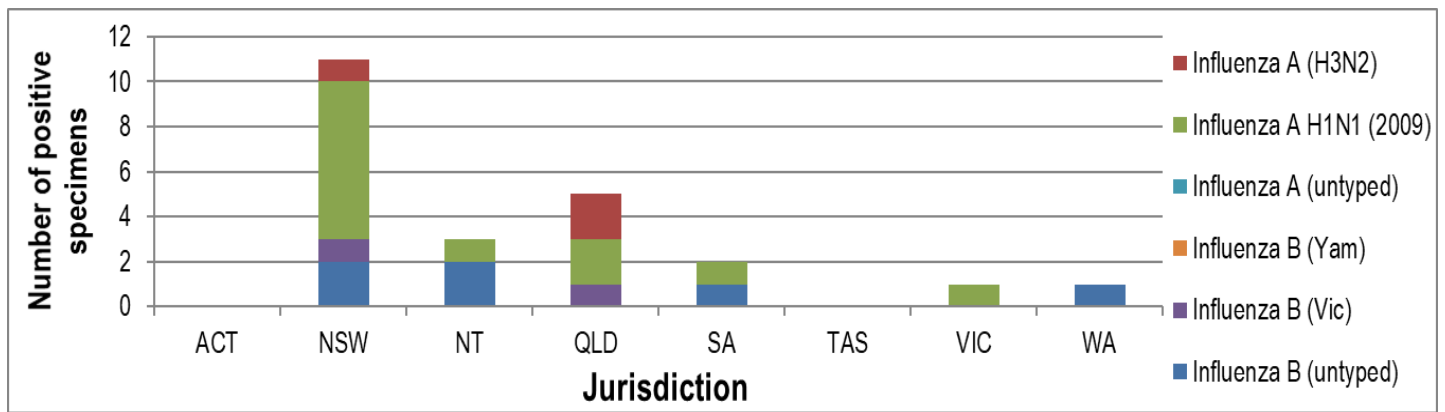


Figure 7. ASPREN influenza subtype analysis by jurisdiction for 2023 #

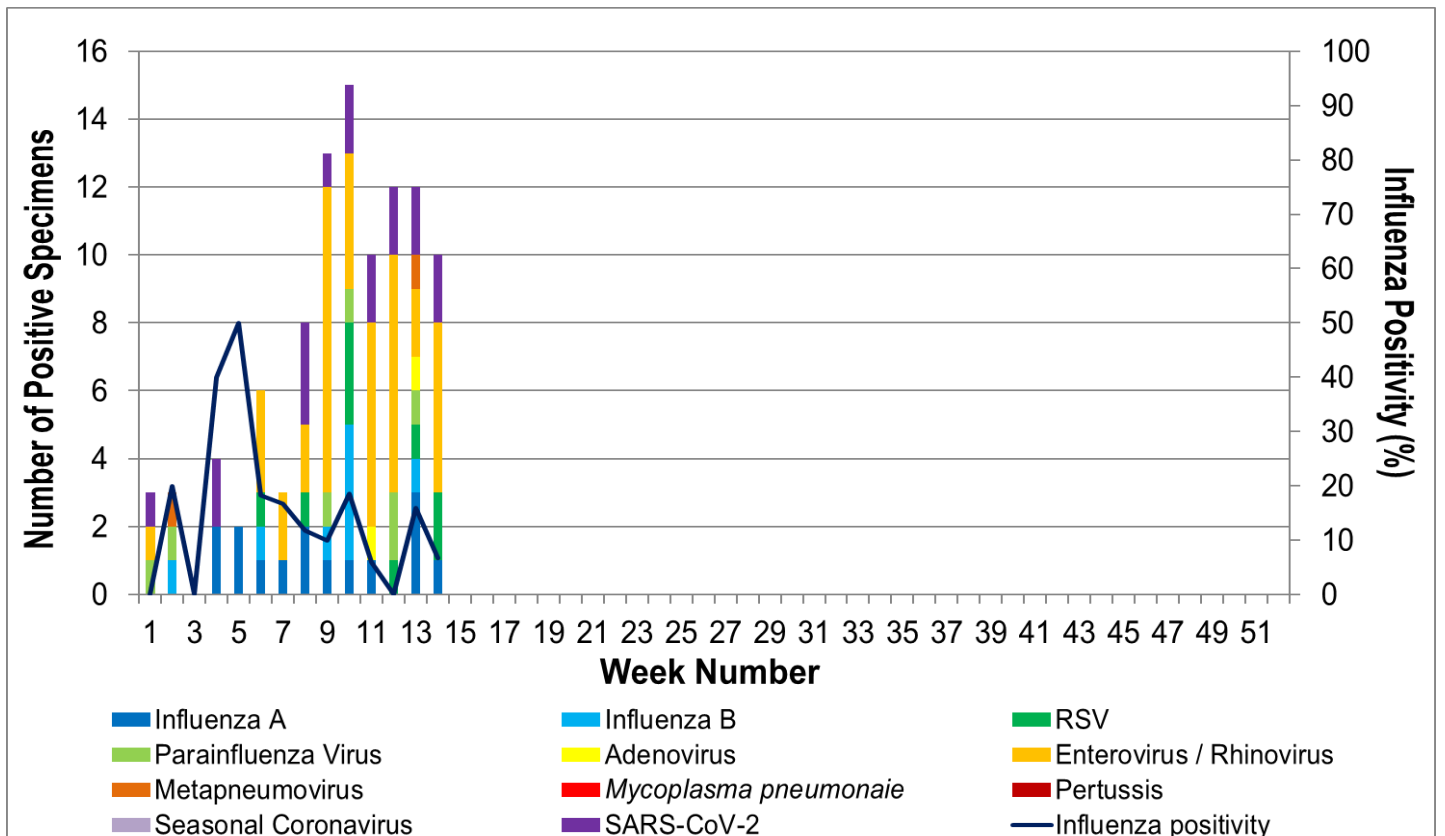


Figure 8. ASPREN, laboratory detection of influenza and other respiratory viruses for 2023 #

The Australian Sentinel Practices Research Network is supported by the Australian Government Department of Health (the Department). The opinions expressed in this paper are those of the authors, and do not necessarily represent the views of the Department.

Please note: This report is based on data available as at 13 April 2023. Delays in the reporting of data may cause data to change retrospectively.