

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

From The Australian Sentinel Practices Research Network (ASPREN) *

No. 05, 2024 - 26th February — 10th March 2024

NATIONAL SUMMARY



Influenza-like-illness levels are increasing

4

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

6%

Influenza positivity during the reporting period.

16

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



Gastroenteritis levels are increasing

**SYNDROMIC SURVEILLANCE
REPORTING**

Reports were received from 268 reporters from 8 states and territories during the reporting period. During weeks 9 and 10 reporters saw a total of 40,116 patients.

INFLUENZA-LIKE-ILLNESS (ILI)

Nationally, ILI notifications significantly increased during the period with 151

notifications being reported in weeks 9—10. ILI rates reported in this period were 5 and 4 cases per 1000 consultations (weighted). This was higher than the previous fortnight where rates were 3 cases per 1000 consultations in weeks 7 and 8. For the same reporting period in 2023, ILI rates were lower at 2 and 3 cases per 1000 consultations for weeks 9 and 10 respectively (see Fig. 5).

GASTROENTERITIS

Nationally, gastroenteritis notifications decreased to 69 notifications reported. Gastroenteritis rates reported in this period slightly increased to 1 and 2 cases per 1000 consultations in weeks 9 and 10 respectively, compared to 2 and 1 cases per 1000 consultations in weeks 7 and 8 respectively (see Fig. 5).

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

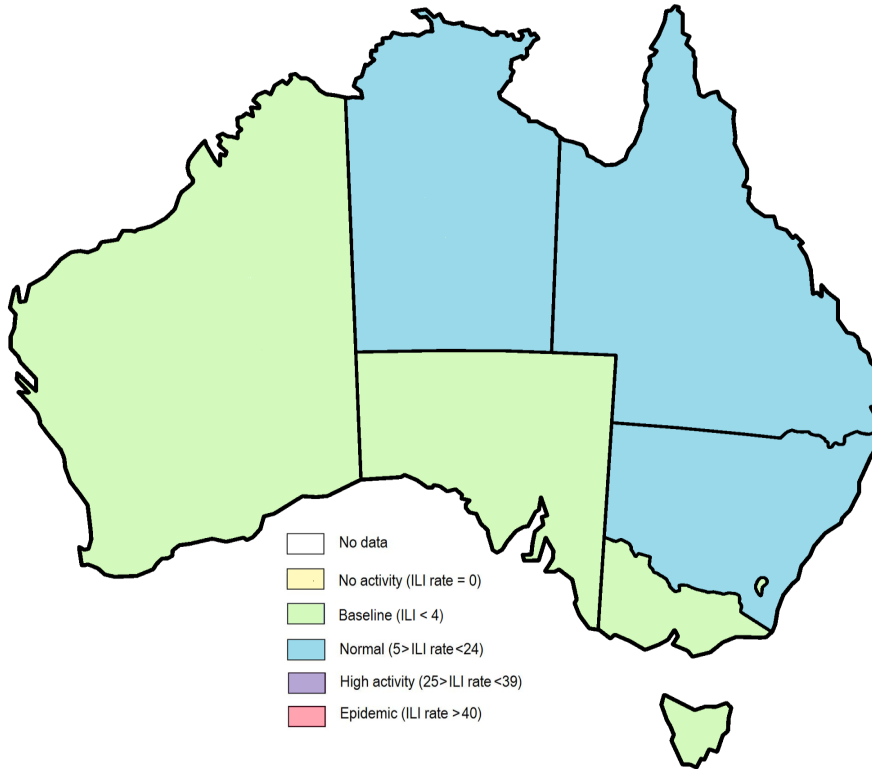


Figure 1. Map of ILI activity by jurisdiction, weeks 09 - 10, 2024.

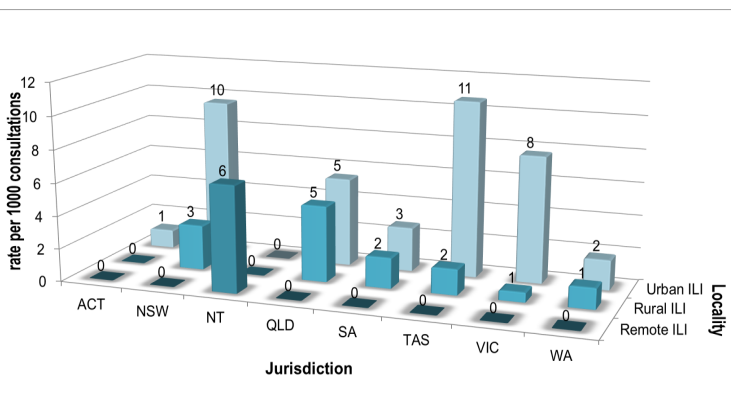


Figure 2. ASPREN rate of ILI by locality and jurisdiction, weeks 09 - 10, 2024.

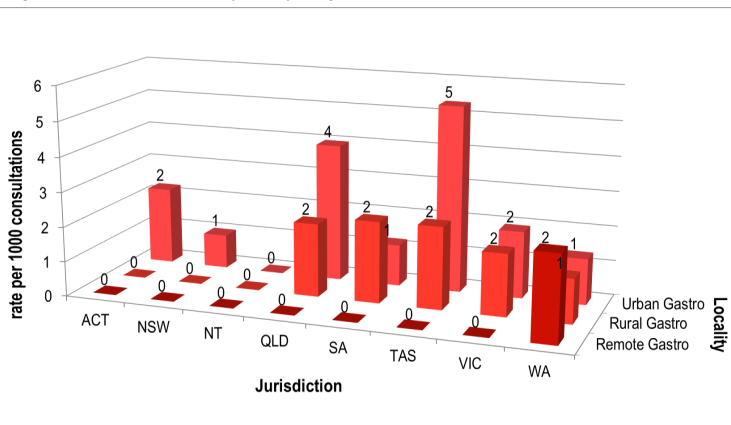


Figure 3. ASPREN rate of gastroenteritis by locality and jurisdiction, weeks 09 - 10, 2024.

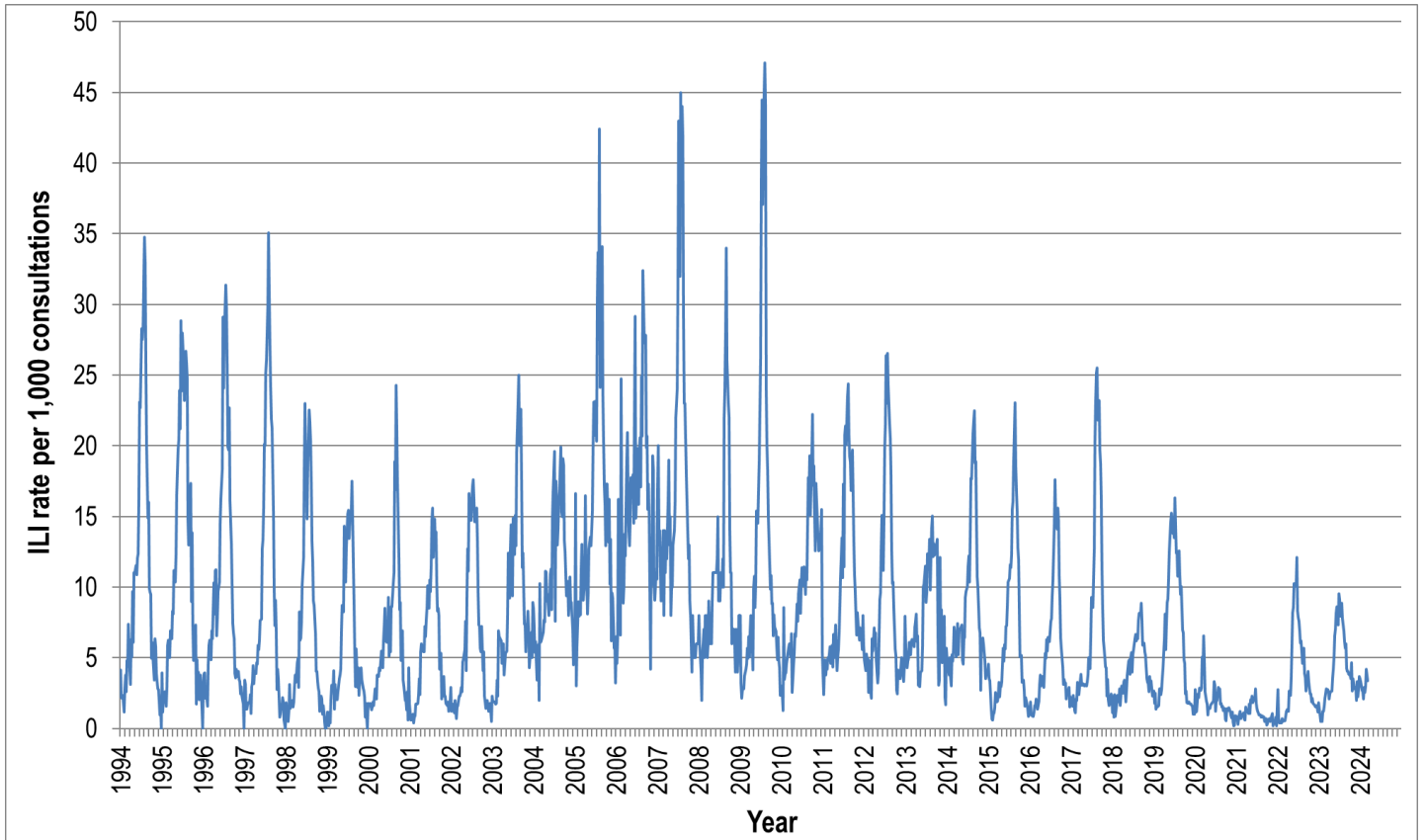


Figure 4. ASPREN ILI rates 1994 - 2024.

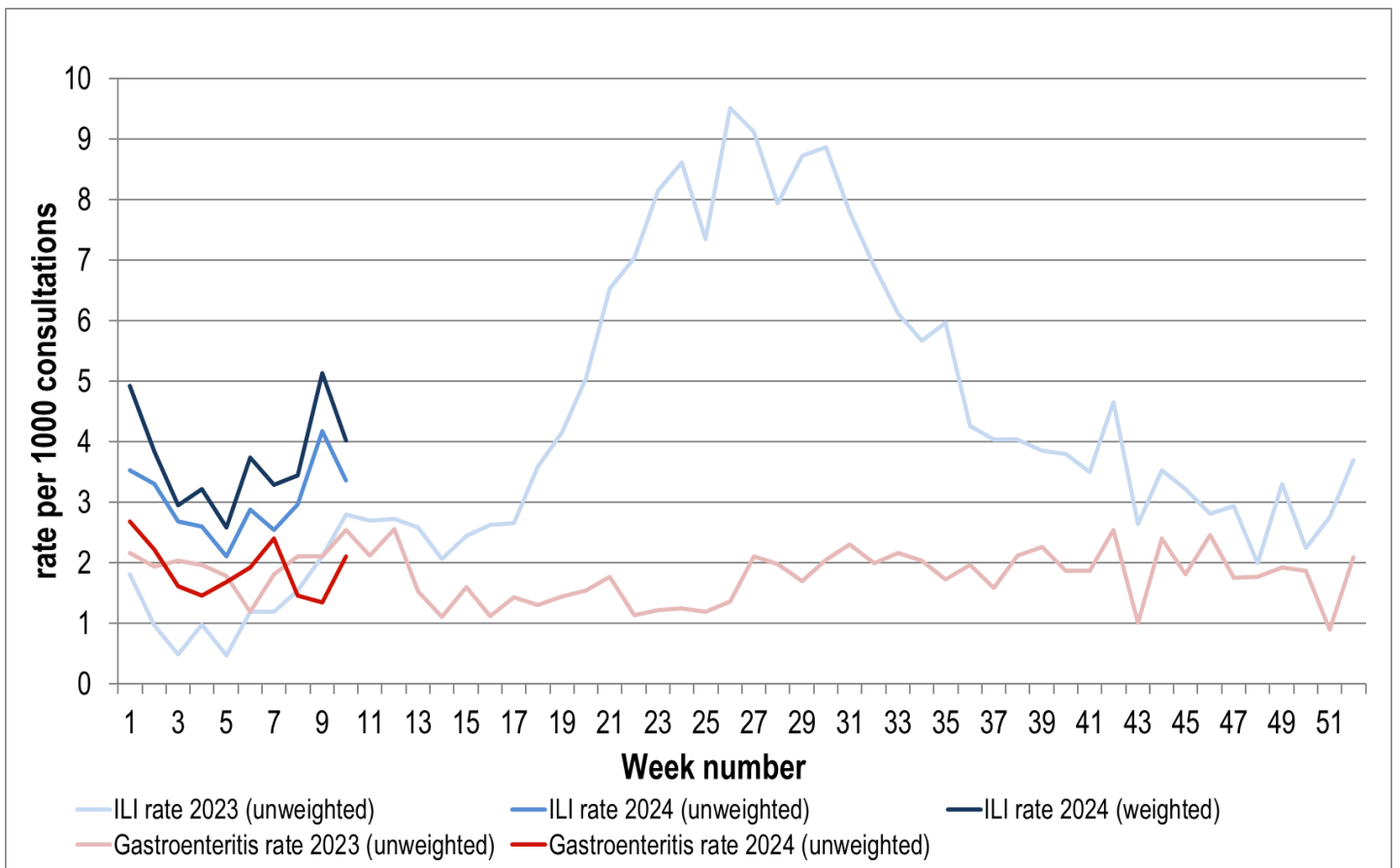


Figure 5. ASPREN ILI and gastroenteritis rates 2023-24. Weighted rates are weighted to account for population size differences between jurisdictions, using population estimates from the 2011 Australian Census.

VIROLOGICAL SURVEILLANCE

42% of all ILI patients were swab tested during weeks 9 and 10 (see Figure 6).

3 cases of Influenza A, 1 cases of Influenza B and 9 cases of SARS-CoV-2 were detected during this period. There were 24 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	YTD
	26 Feb - 10 March 2024	1 Jan - 10 March 2024
Total number of ILI notifications	151	574
Number of swab tests performed	64	210
% ILI patients tested	42%	37%
% of swab tests positive for influenza	6%	8%

Figure 6. ASPREN virological surveillance results overview for 2024 #

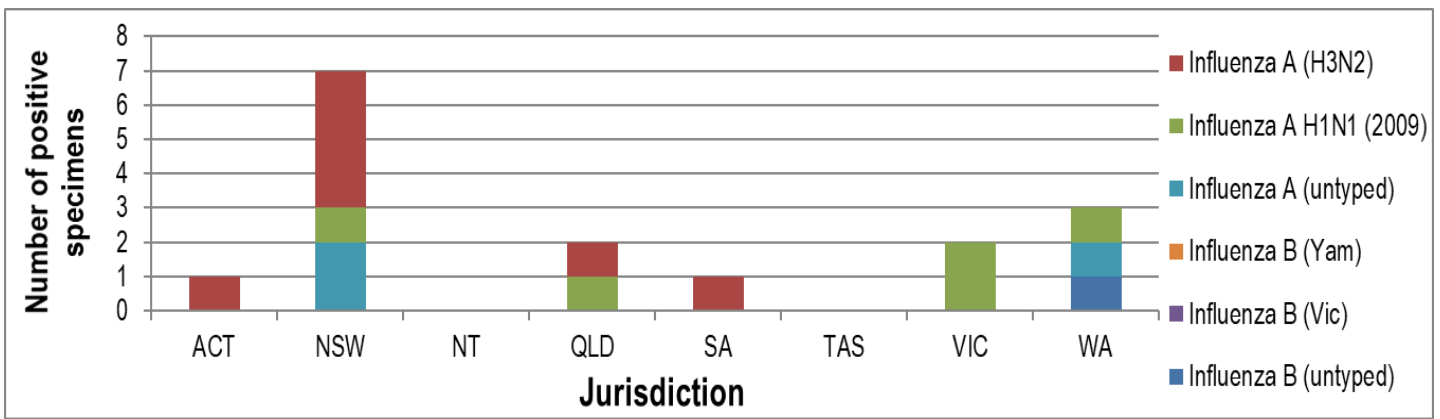


Figure 7. ASPREN influenza subtype analysis by jurisdiction for 2024 #

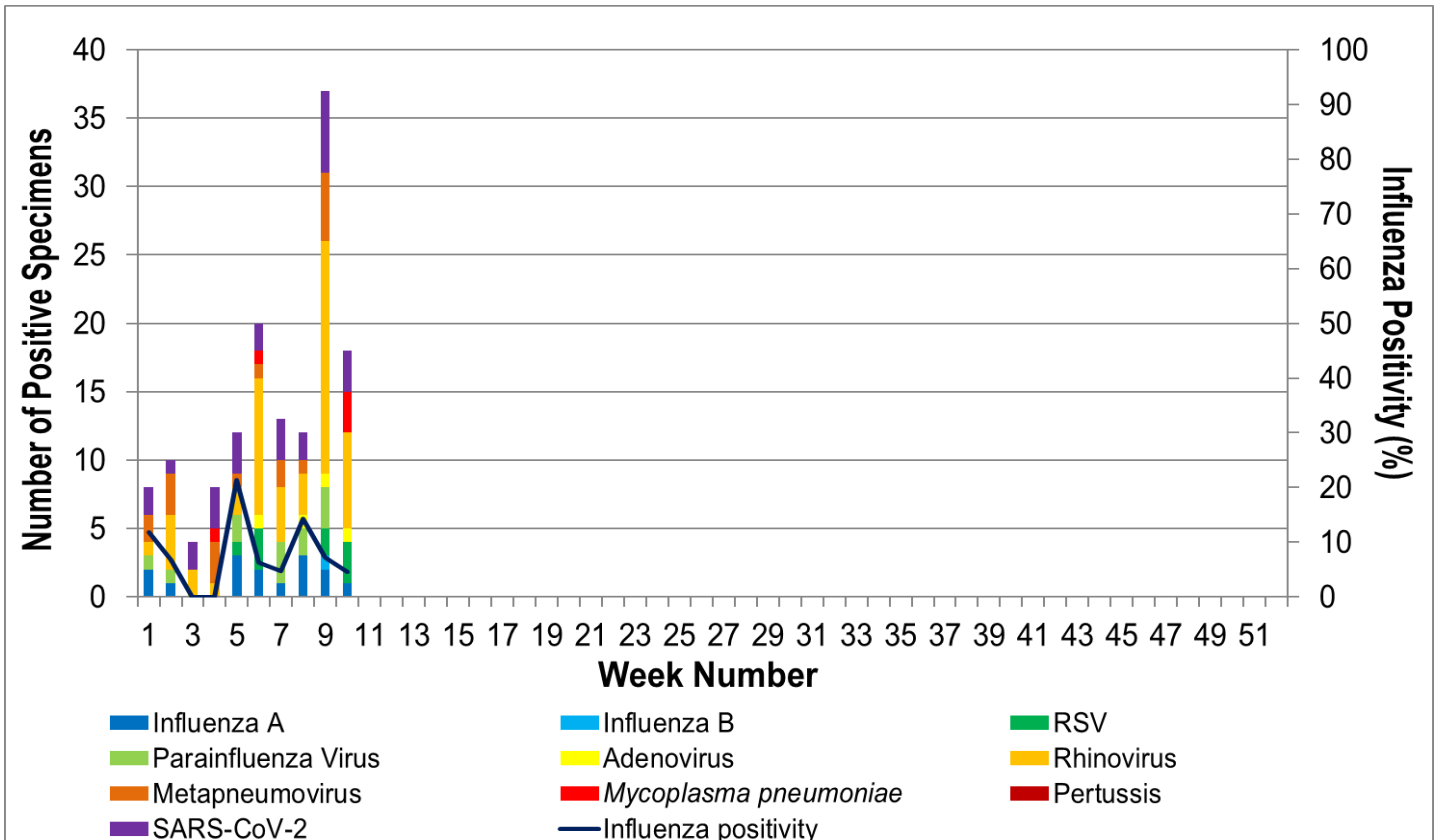


Figure 8. ASPREN, laboratory detection of influenza and other respiratory viruses for 2024 #

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 14 March 2024. Delays in the reporting of data may cause data to change retrospectively.