

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

From The Australian Sentinel Practices Research Network (ASPREN) *

No. 19, 2024 - 9th September — 22nd September 2024

NATIONAL SUMMARY



Influenza-like-illness levels are decreasing

13

Case of influenza have been detected in this reporting period
11 x Influenza A
2 x Influenza B

10%

Influenza positivity during the reporting period.

373

Cases of influenza have been detected this year:
359 x Influenza A
14 x Influenza B



Gastroenteritis levels remain steady below baseline levels

**SYNDROMIC SURVEILLANCE
REPORTING**

Reports were received from 324 reporters from 8 states and territories during the reporting period. During weeks 37 and 38 reporters saw a total of 48,287 patients.

INFLUENZA-LIKE-ILLNESS (ILI)

Nationally, ILI notifications decreased during the period with 381 notifications being reported in weeks 37—38. ILI rates reported in this period were 8 cases per 1000 consultations (weighted). This was lower than the previous fortnight where rates were 10 cases per 1000 consultations in weeks 35 and 36. For the same reporting period in 2023, ILI rates were lower at 4 cases per 1000 consultations for weeks 37 and 38 (see Fig. 5).

GASTROENTERITIS

Nationally, gastroenteritis notifications slightly decreased to 65 notifications reported. Gastroenteritis rates reported in this period remained steady at 1 case per 1000 consultations in weeks 37 and 38 respectively, compared to 1 case per 1000 consultations in weeks 35 and 36 respectively (see Fig. 5).

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

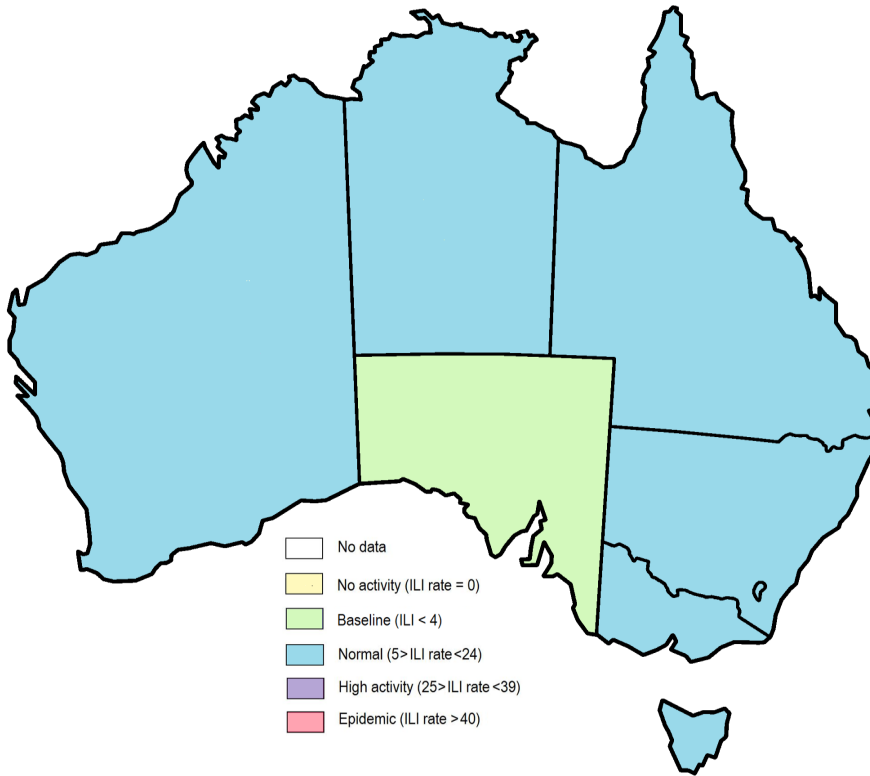


Figure 1. Map of ILI activity by jurisdiction, weeks 39 - 40, 2024.

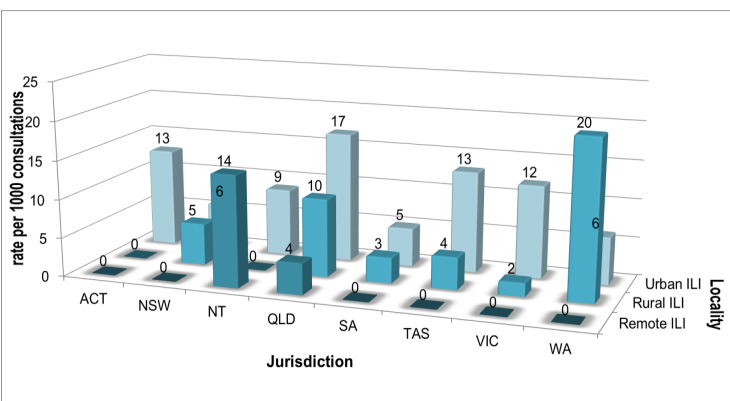


Figure 2. ASPREN rate of ILI by locality and jurisdiction, weeks 39 - 40, 2024.

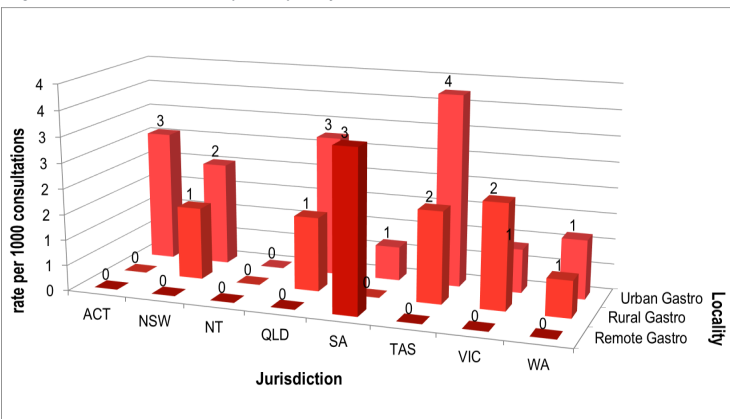


Figure 3. ASPREN rate of gastroenteritis by locality and jurisdiction, weeks 39 - 40, 2024.

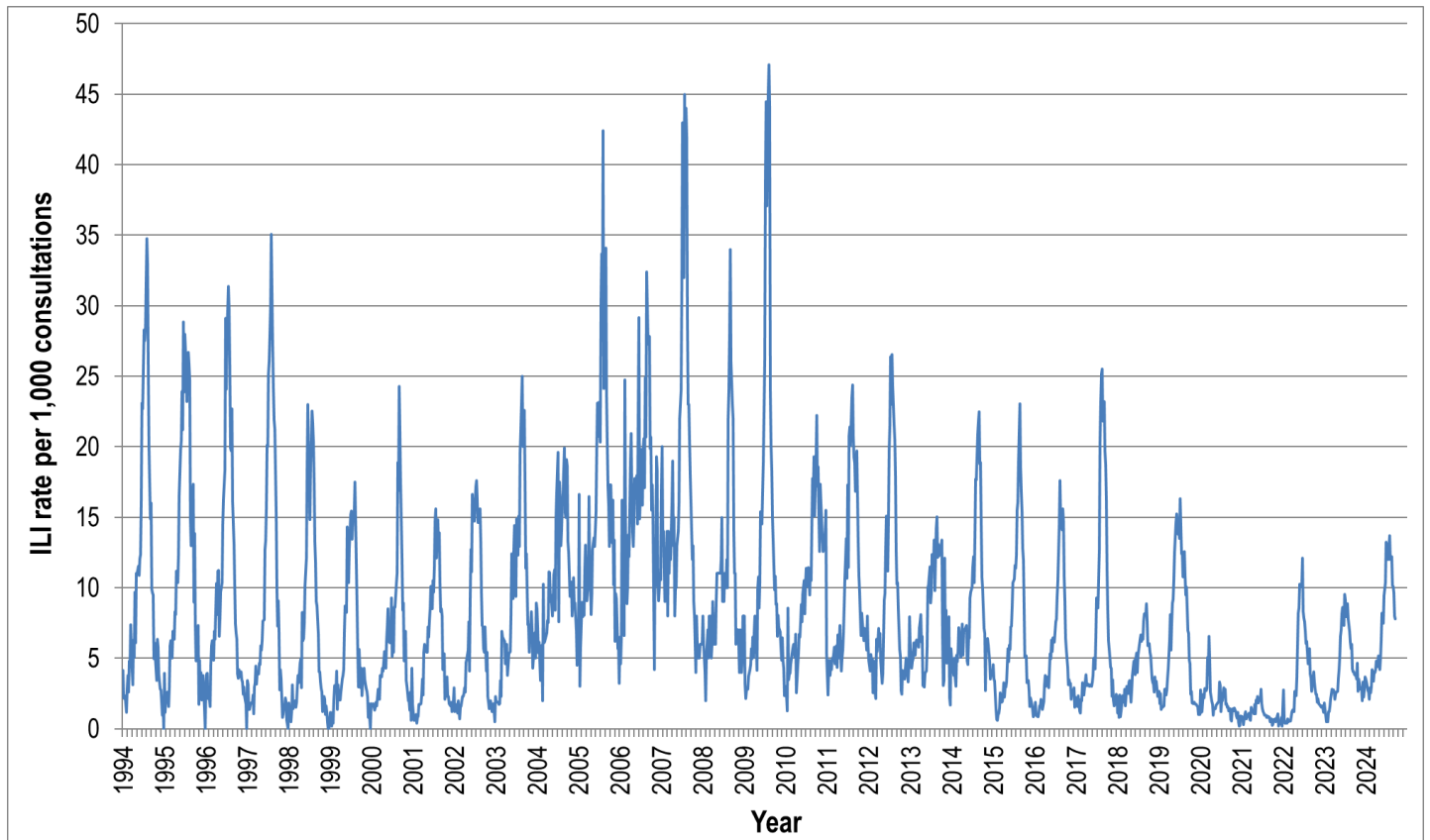


Figure 4. ASPREN ILI rates 1994 - 2024.

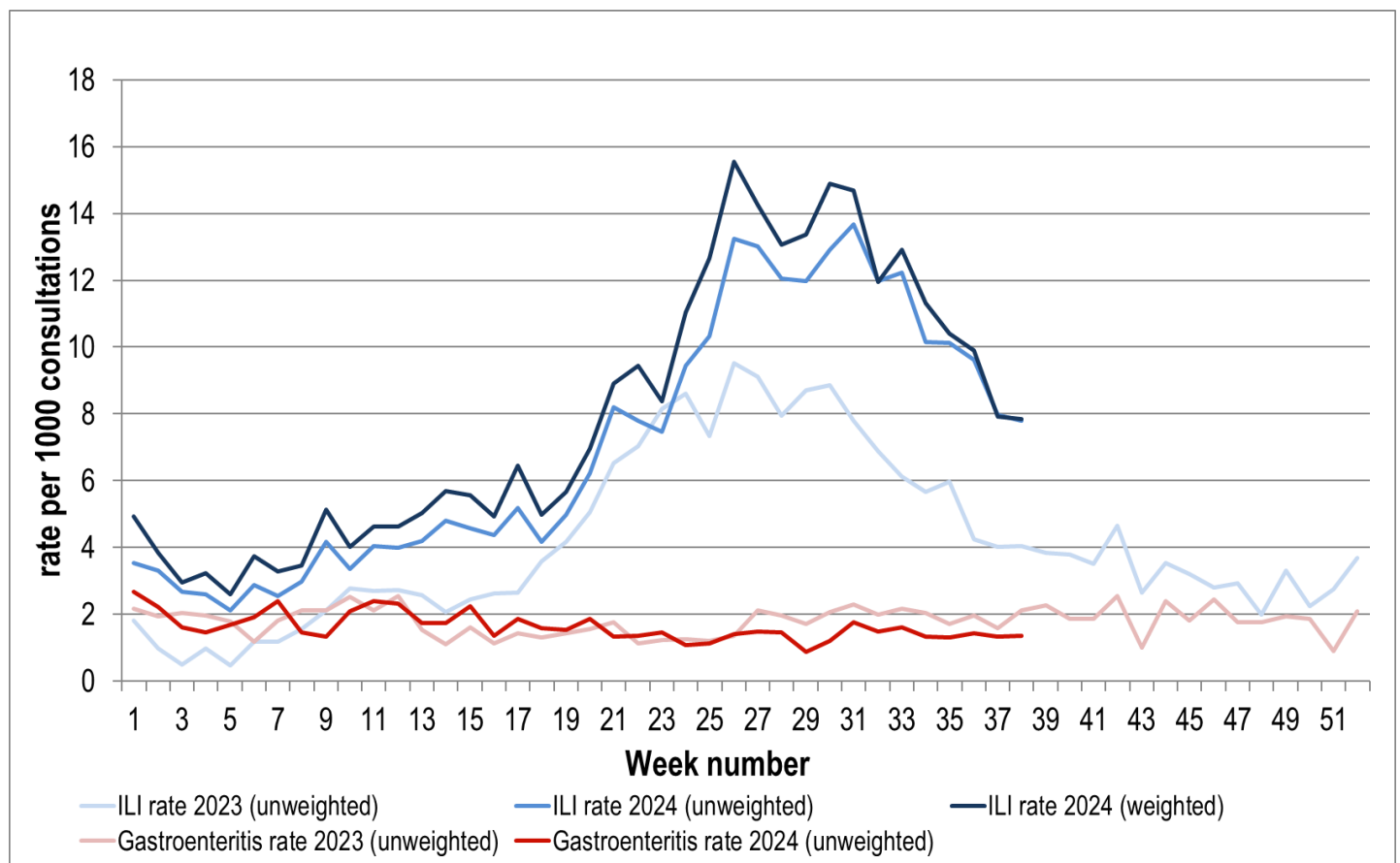


Figure 5. ASPREN ILI and gastroenteritis rates 2023-24. Weighted rates are weighted to account for population size differences between jurisdictions, using population estimates from the 2011 Australian Census.

VIROLOGICAL SURVEILLANCE

35% of all ILI patients were swab tested during weeks 35 and 36 (see Figure 6).

11 cases of Influenza A, 2 cases of Influenza B, and 6 cases of SARS-CoV-2 were detected during this period. There were 30 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 9 Sept - 22 Sept 2024	YTD 1 Jan - 22 Sept 2024
Total number of ILI notifications	381	6230
Number of swab tests performed	134	2251
% ILI patients tested	35%	36%
% of swab tests positive for influenza	10%	17%

Figure 6. ASPREN virological surveillance results overview for 2024 #

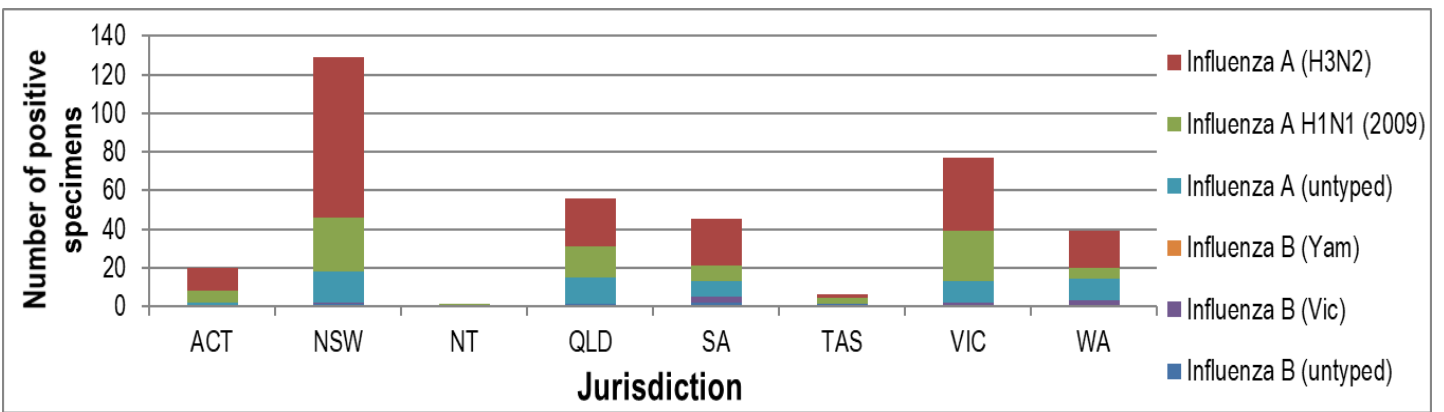


Figure 7. ASPREN influenza subtype analysis by jurisdiction for 2024 #

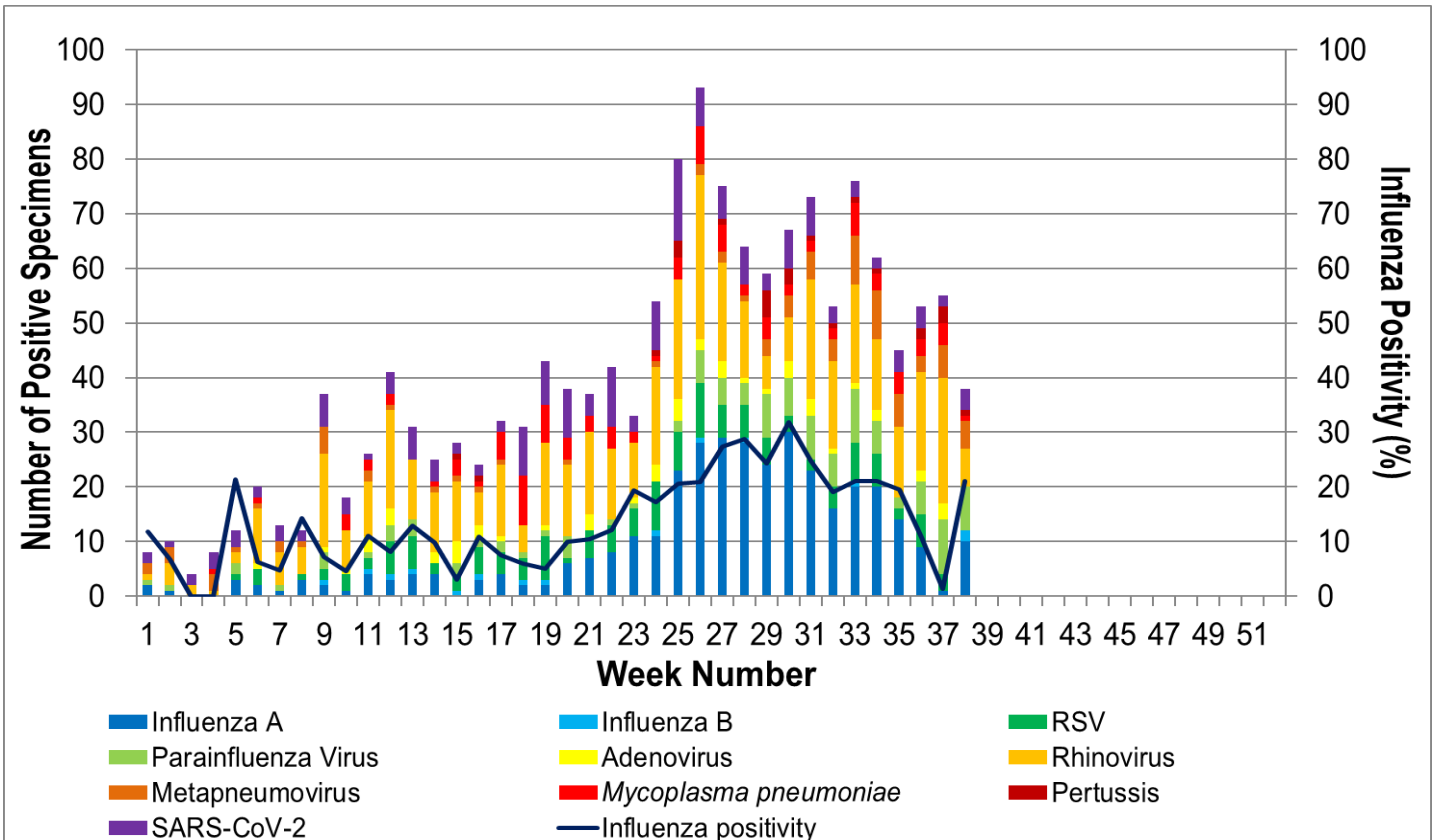


Figure 8. ASPREN, laboratory detection of influenza and other respiratory viruses for 2024 #

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 26 September 2024. Delays in the reporting of data may cause data to change retrospectively.