

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

From The Australian Sentinel Practices Research Network (ASPEN) \*

No. 23, 2024 - 4th November — 17th November 2024

**NATIONAL SUMMARY**



Influenza-like-illness levels are decreasing

**1**

Case of influenza have been detected in this reporting period  
1 x Influenza A  
0 x Influenza B

**2%**

Influenza positivity during the reporting period.

**397**

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



Gastroenteritis levels remain steady below baseline levels

**SYNDROMIC SURVEILLANCE  
REPORTING**

Reports were received from 329 reporters from 8 states and territories during the reporting period. During weeks 45 and 46 reporters saw a total of 52,791 patients.

**INFLUENZA-LIKE-ILLNESS (ILI)**

Nationally, ILI notifications decreased during the period with 219 notifications being

reported in weeks 45—46. ILI rates reported in this period were 5 and 3 cases per 1000 consultations (weighted). This was lower than the previous fortnight where rates were 5 cases per 1000 consultations in weeks 43 and 44. For the same reporting period in 2023, ILI rates were lower at 4 and 3 cases per 1000 consultations for weeks 45 and 46 respectively (see Fig. 5).

**GASTROENTERITIS**

Nationally, gastroenteritis notifications increased to 82 notifications reported. Gastroenteritis rates reported in this period remained steady at 2 cases per 1000 consultations in weeks 45 and 46, compared to 1 and 2 cases per 1000 consultations in weeks 43 and 44 respectively (see Fig. 5).

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

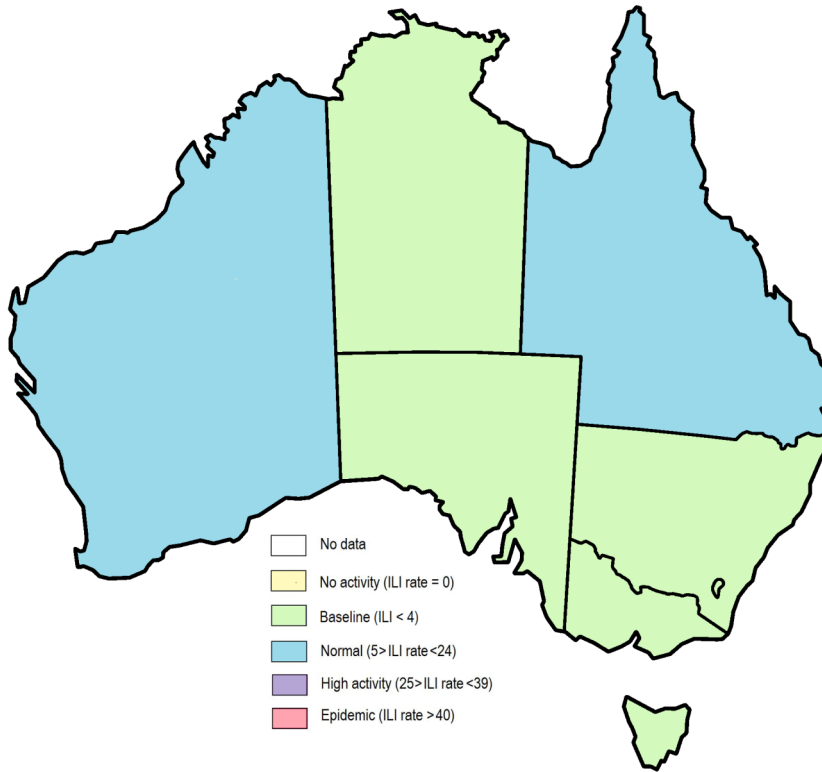


Figure 1. Map of ILI activity by jurisdiction, weeks 45 - 46, 2024.

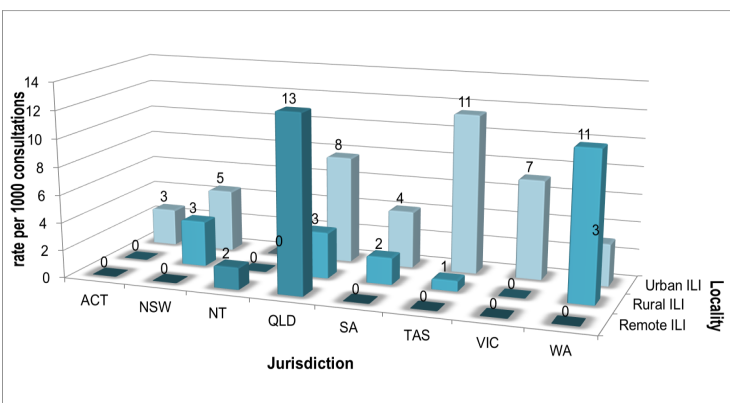


Figure 2. ASPREN rate of ILI by locality and jurisdiction, weeks 45 - 46, 2024.

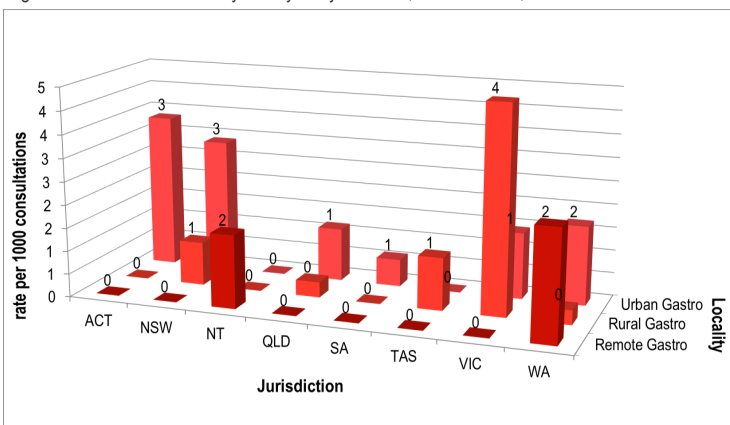


Figure 3. ASPREN rate of gastroenteritis by locality and jurisdiction, weeks 45 - 46, 2024.

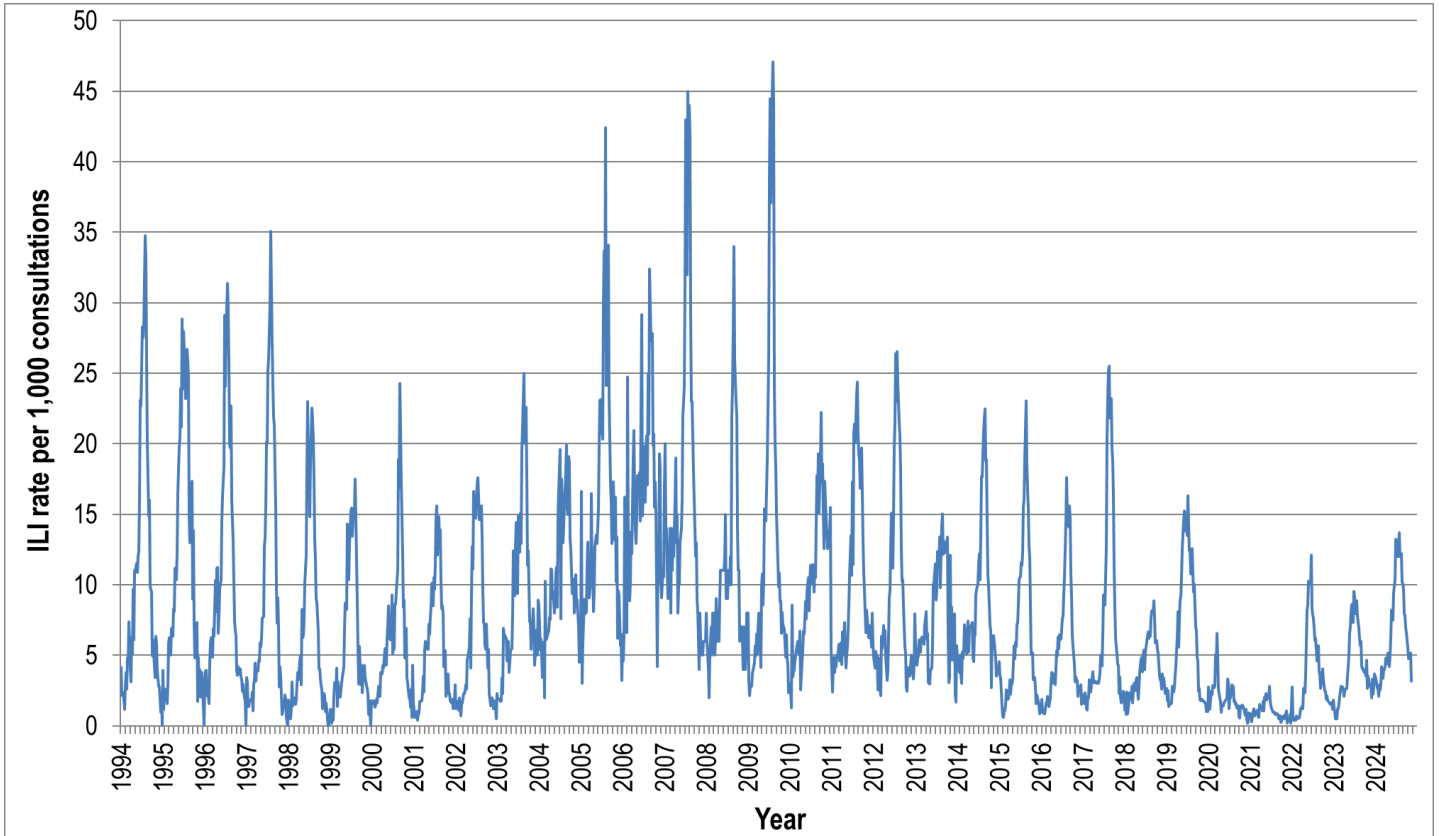


Figure 4. ASPREN ILI rates 1994 - 2024.

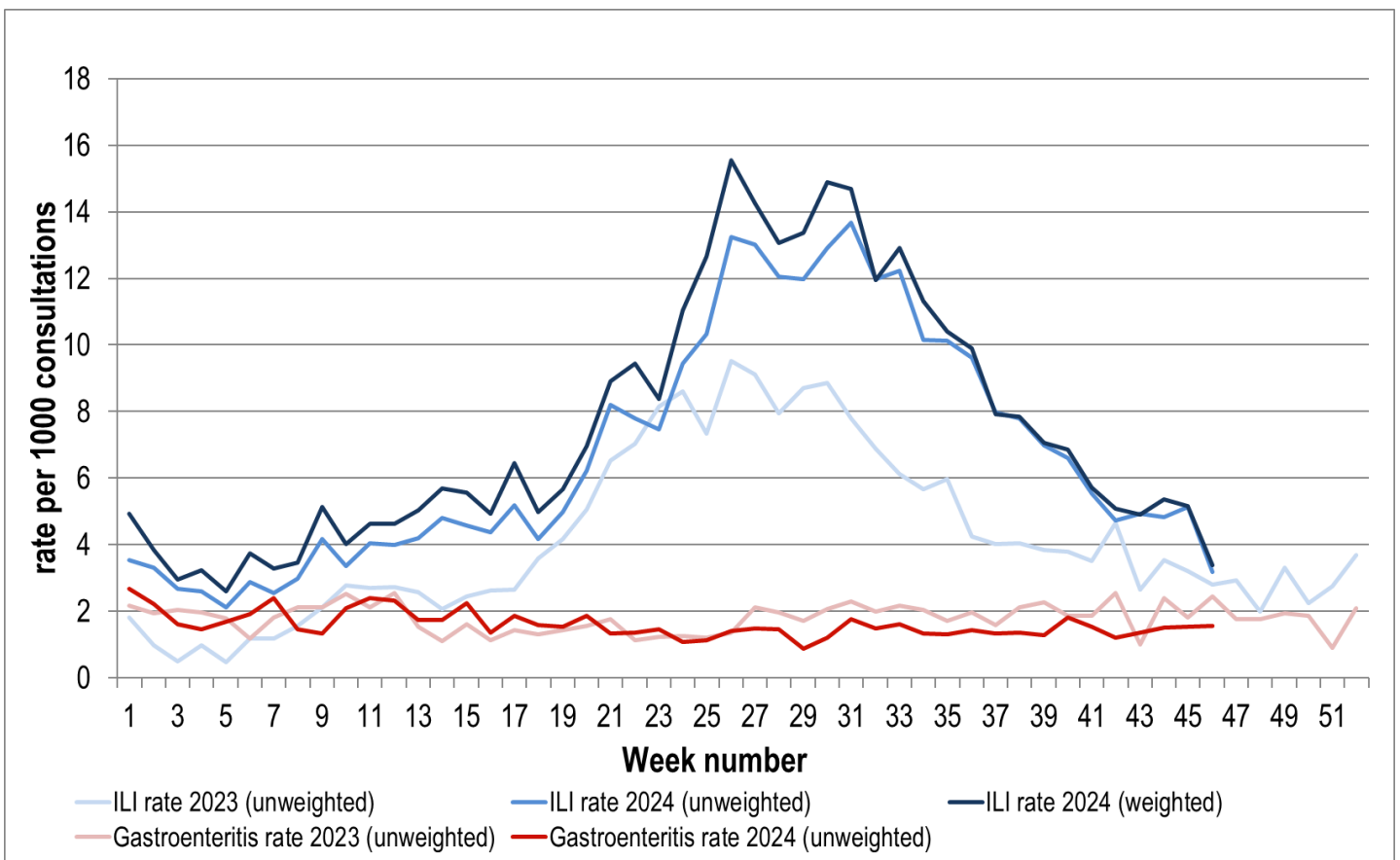


Figure 5. ASPREN ILI and gastroenteritis rates 2023-24. Weighted rates are weighted to account for population size differences between jurisdictions, using population estimates from the 2011 Australian Census.

**VIROLOGICAL SURVEILLANCE**

25% of all ILI patients were swab tested during weeks 45 and 46 (see Figure 6).

1 case of Influenza A, and 6 cases of SARS-CoV-2 were detected during this period.

There were 16 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 4 Nov - 17 Nov 2024	YTD 1 Jan - 17 Nov 2024
Total number of ILI notifications	219	7241
Number of swab tests performed	54	2604
% ILI patients tested	25%	36%
% of swab tests positive for influenza	2%	15%

Figure 6. ASPREN virological surveillance results overview for 2024 #

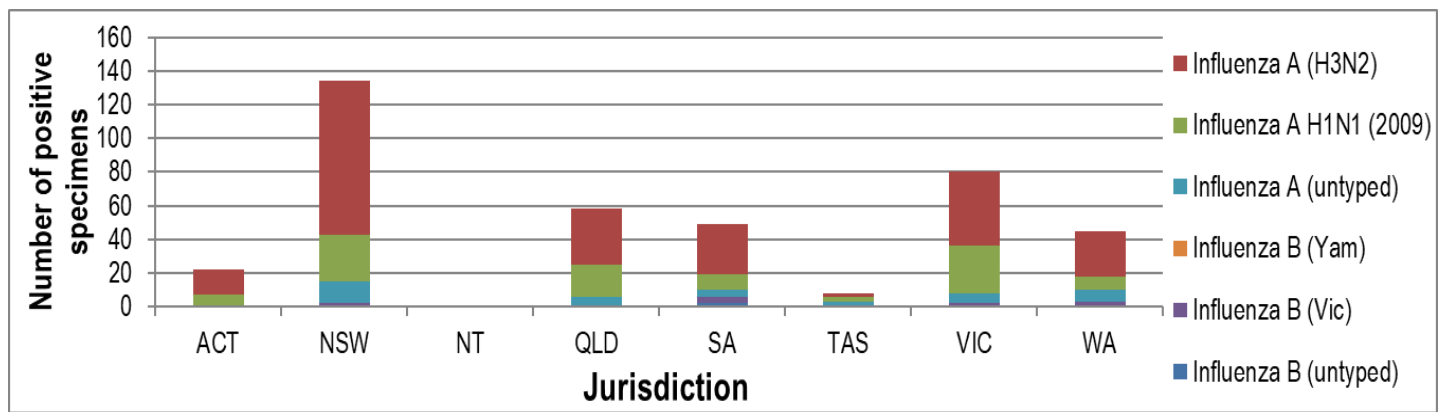
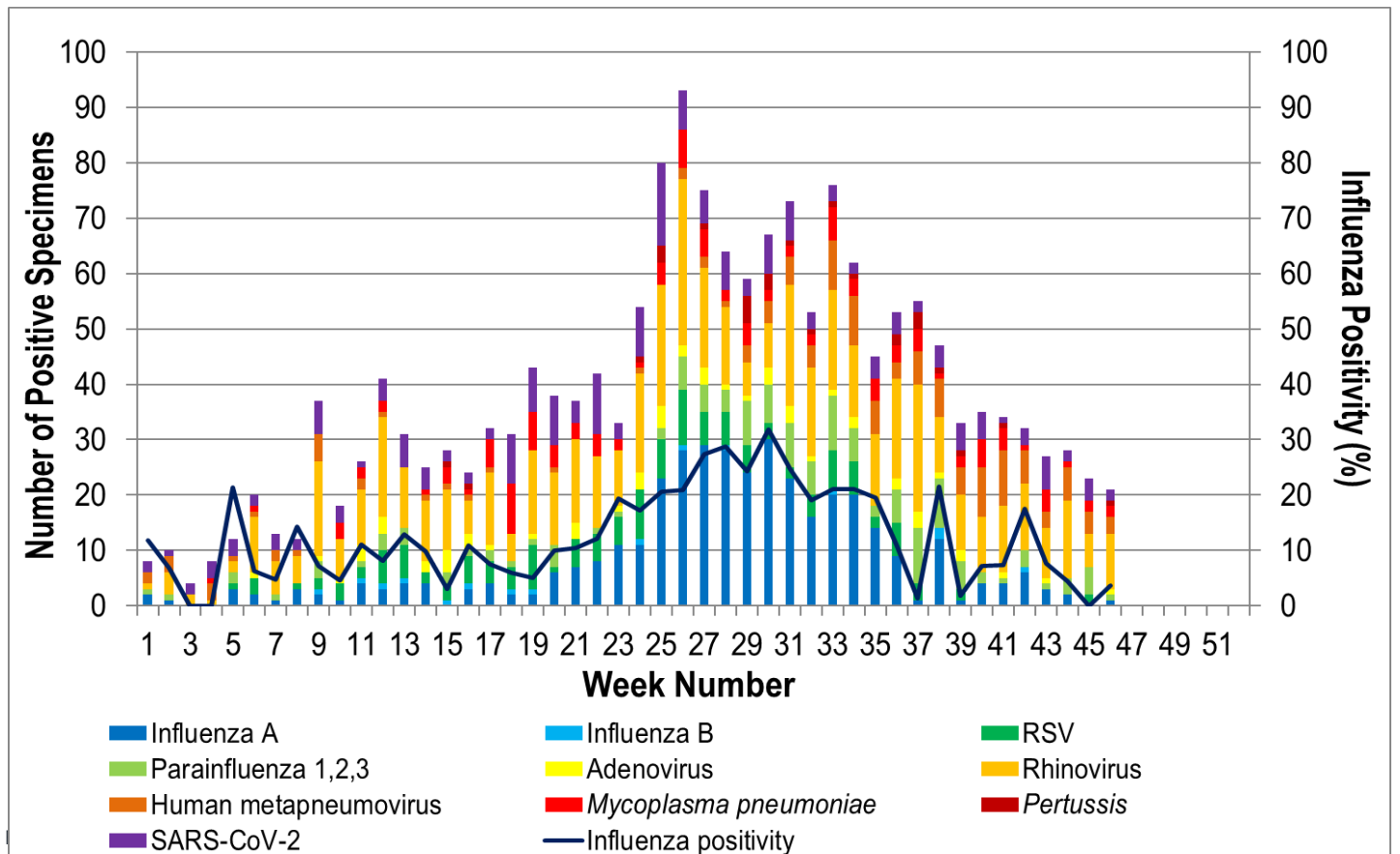


Figure 7. ASPREN influenza subtype analysis by jurisdiction for 2024 #



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Please note: This report is based on data available as at 21 November 2024. Delays in the reporting of data may cause data to change retrospectively.