

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

From The Australian Sentinel Practices Research Network (ASPREN) *

No. 01, 2023 - 1st Jan — 15th Jan 2023

NATIONAL SUMMARY

1 Influenza-like-illness levels remain steady below baseline levels

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

8% Influenza positivity during the reporting period.

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

1 Gastroenteritis levels remain steady below baseline levels

**SYNDROMIC SURVEILLANCE
REPORTING**

Reports were received from 192 reporters from 8 states and territories during the reporting period. During weeks 1 and 2 reporters saw a total of 25,231 patients.

INFLUENZA-LIKE-ILLNESS (ILI)

Nationally, ILI notifications increased during the period with 34 notifications being reported in weeks 1—2. ILI rates reported in this period were 2 and 1 cases per 1000 consultations (weighted). This was slightly lower than the previous fortnight where rates were 2 cases per 1000 consultations in weeks 51 and 52 respectively. For the same reporting period in 2022, ILI rates were similar at 2 and 1 cases per 1000 consultations for weeks 1 and 2 respectively (see Fig. 5).

GASTROENTERITIS

Nationally, gastroenteritis notifications slightly increased to 52 notifications reported. Gastroenteritis rates reported in this period were similar at 2 cases per 1000 consultations in weeks 1 and 2, compared to 2 cases per 1000 consultations in weeks 51 and 52 (see Fig. 5).

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

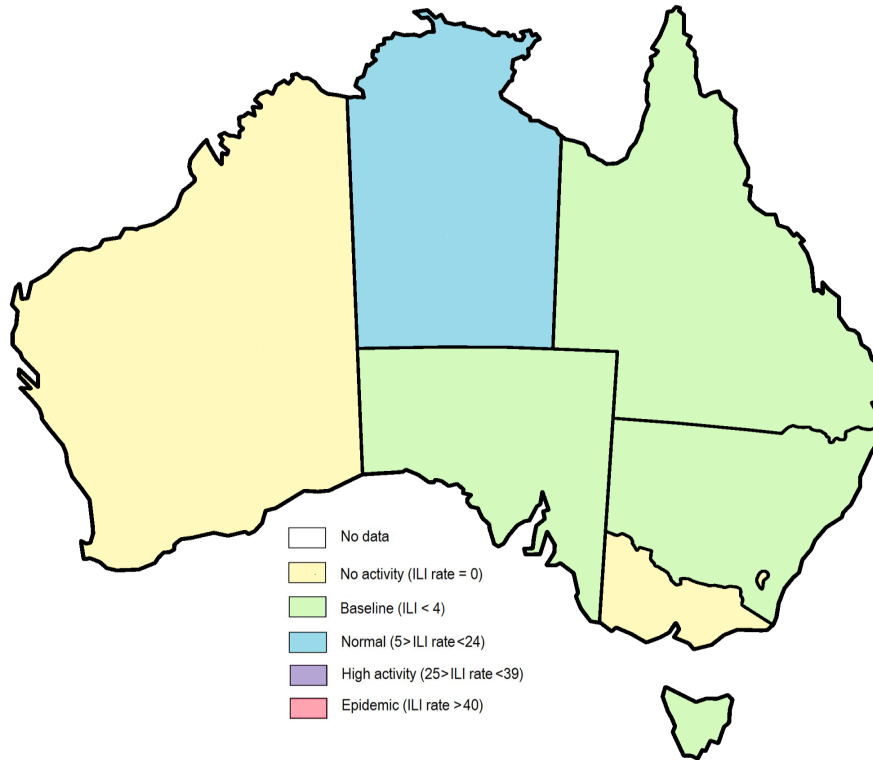


Figure 1. Map of ILI activity by jurisdiction, weeks 01 - 02, 2023.

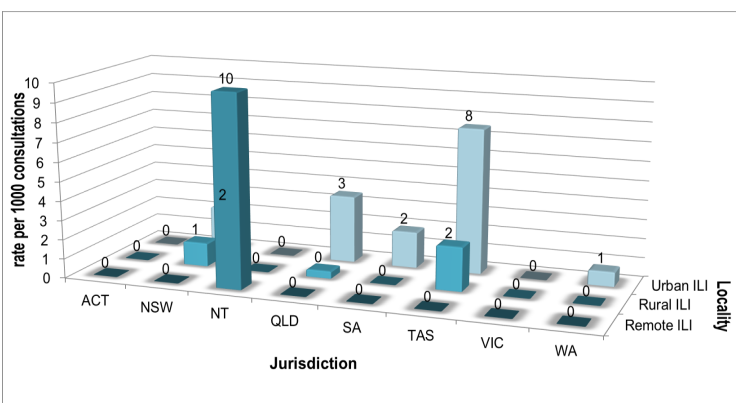


Figure 2. ASPREN rate of ILI by locality and jurisdiction, weeks 01 - 02, 2023.

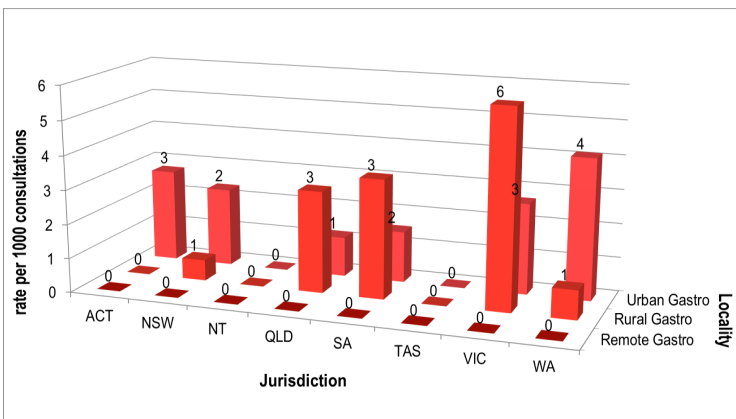


Figure 3. ASPREN rate of gastroenteritis by locality and jurisdiction, weeks 01 - 02, 2023.

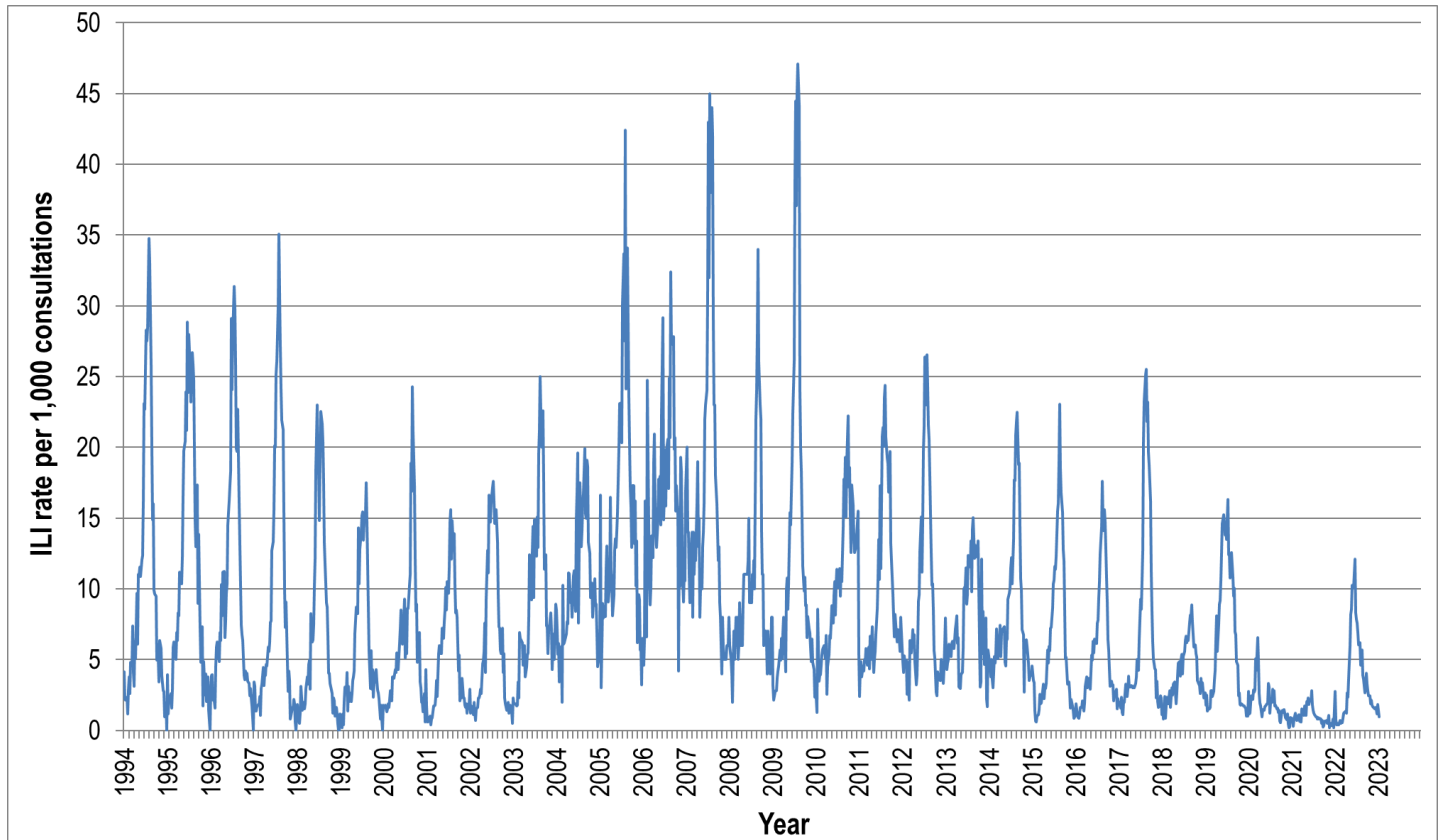


Figure 4. ASPREN ILI rates 1994 - 2023.

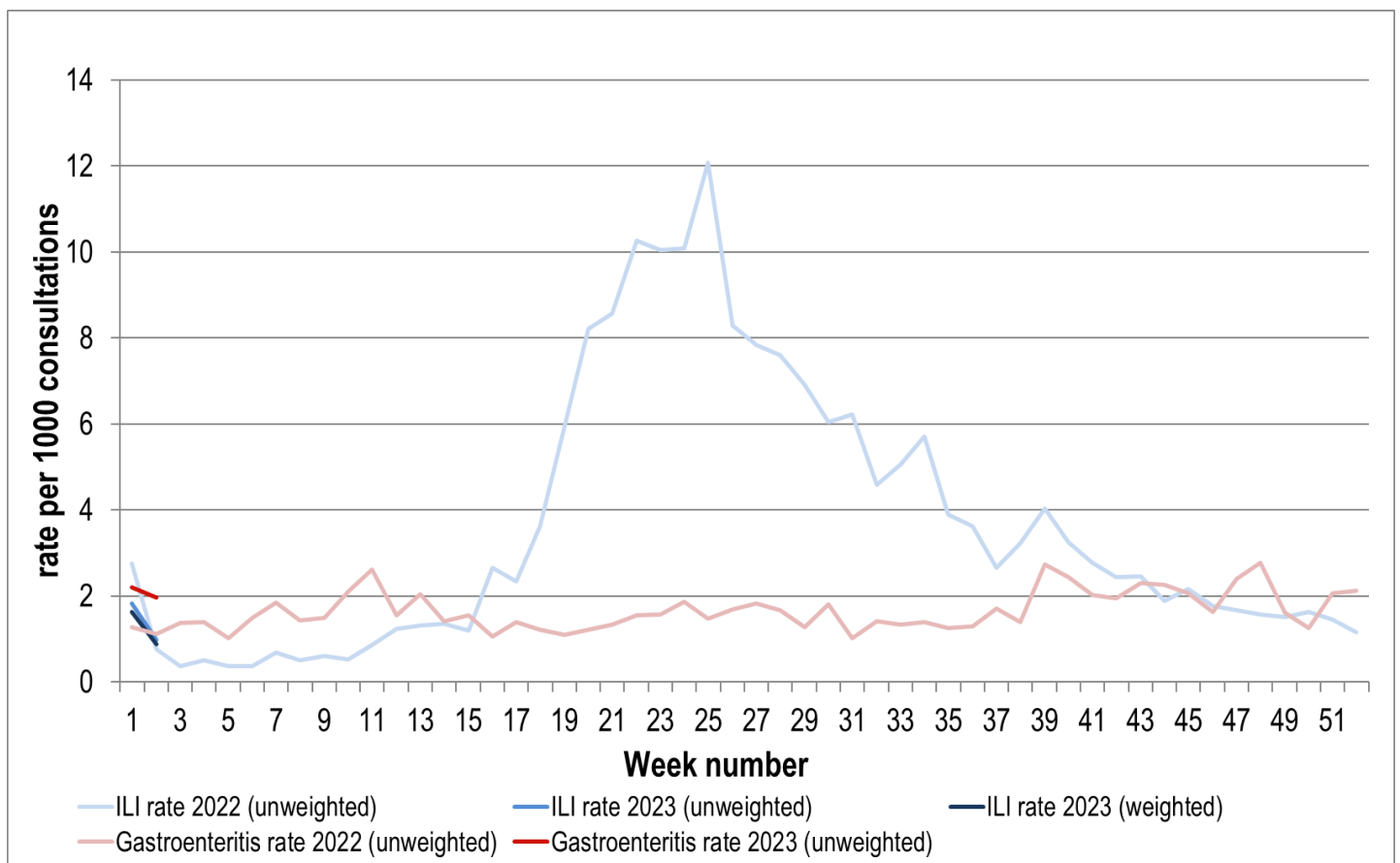


Figure 5. ASPREN ILI and gastroenteritis rates 2022-23. Weighted rates are weighted to account for population size differences between jurisdictions, using population estimates from the 2011 Australian Census.

VIROLOGICAL SURVEILLANCE

38% of all ILI patients were swab tested during weeks 1 and 2 (see Figure 6).

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

Viral laboratory data is provided by SA Pathology laboratory.

	Reporting Period 1 Jan - 15 Jan 2023	YTD 1 Jan - 15 Jan 2023
Total number of ILI notifications	34	34
Number of swab tests performed	13	13
% ILI patients tested	38%	38%
% of swab tests positive for influenza	8%	8%

Figure 6. ASPREN virological surveillance results overview for 2023 #

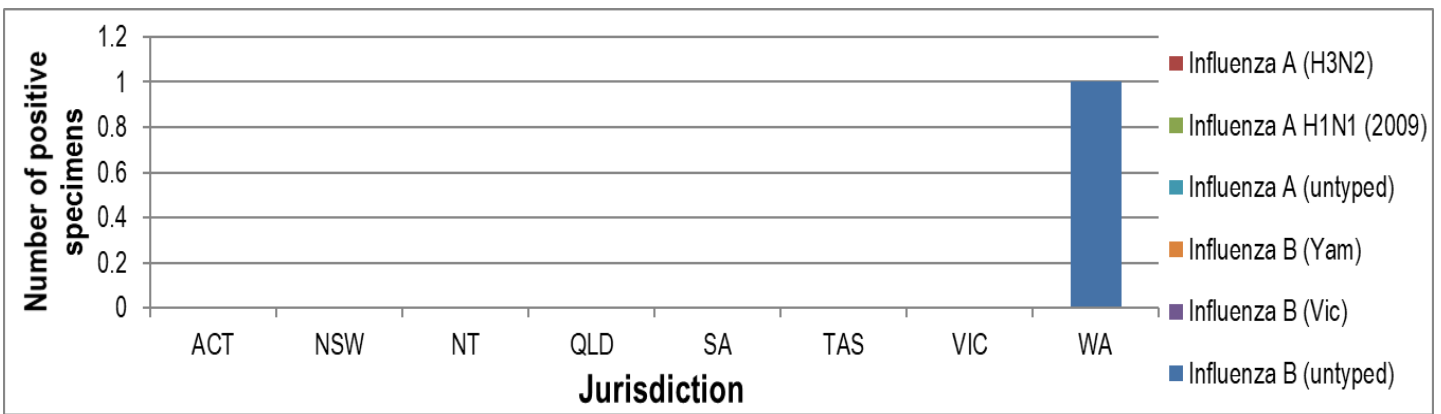


Figure 7. ASPREN influenza subtype analysis by jurisdiction for 2023 #

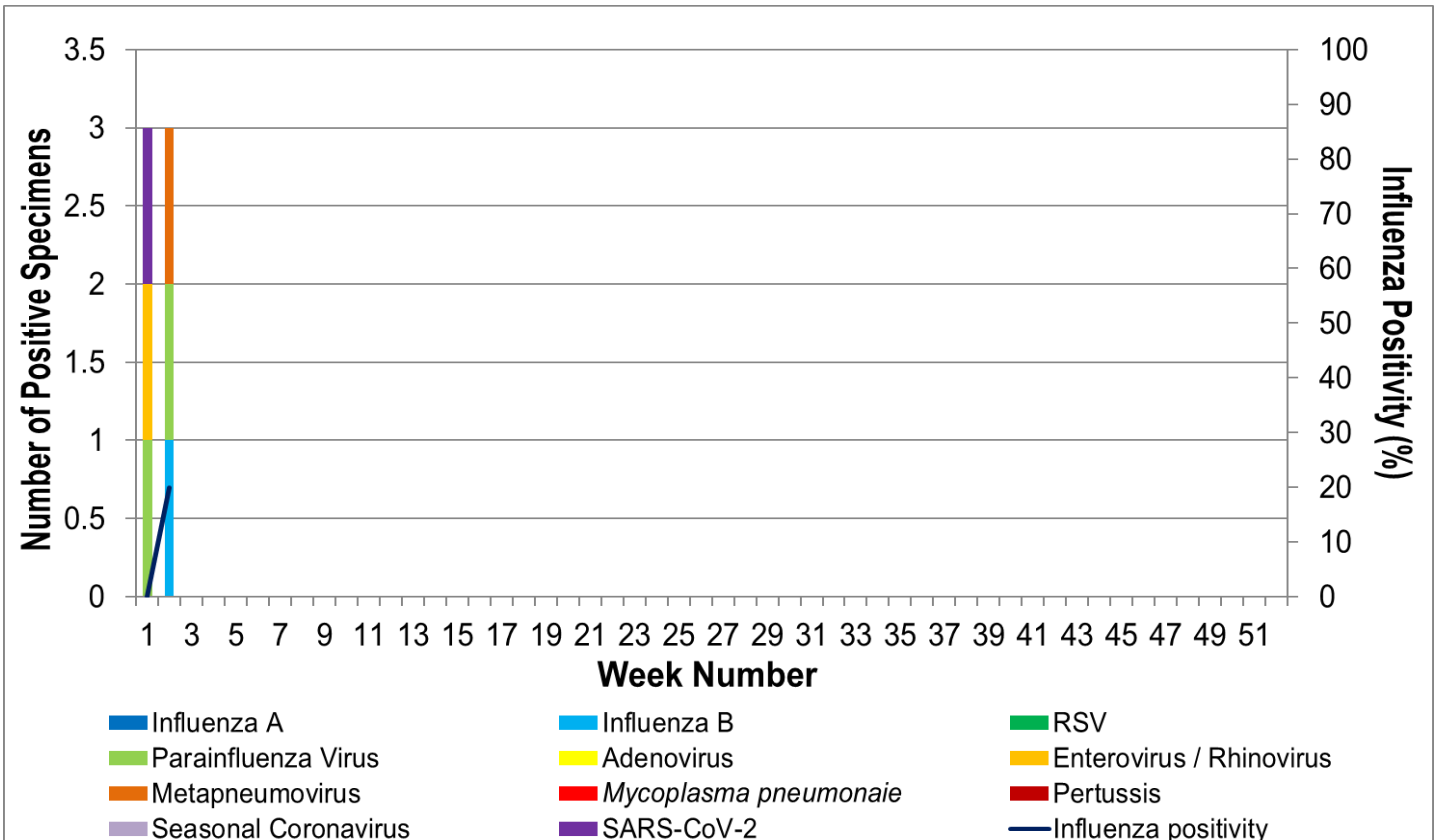


Figure 8. ASPREN, laboratory detection of influenza and other respiratory viruses for 2023 #

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 19 Jan 2023. Delays in the reporting of data may cause data to change retrospectively.