

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

Combining data from The Australian Sentinel Practices Research Network (ASPREN)*
and the Victorian Sentinel Practitioners Influenza Network (VicSPIN)*

No. 12, 2020 - 1st June — 14th June 2020

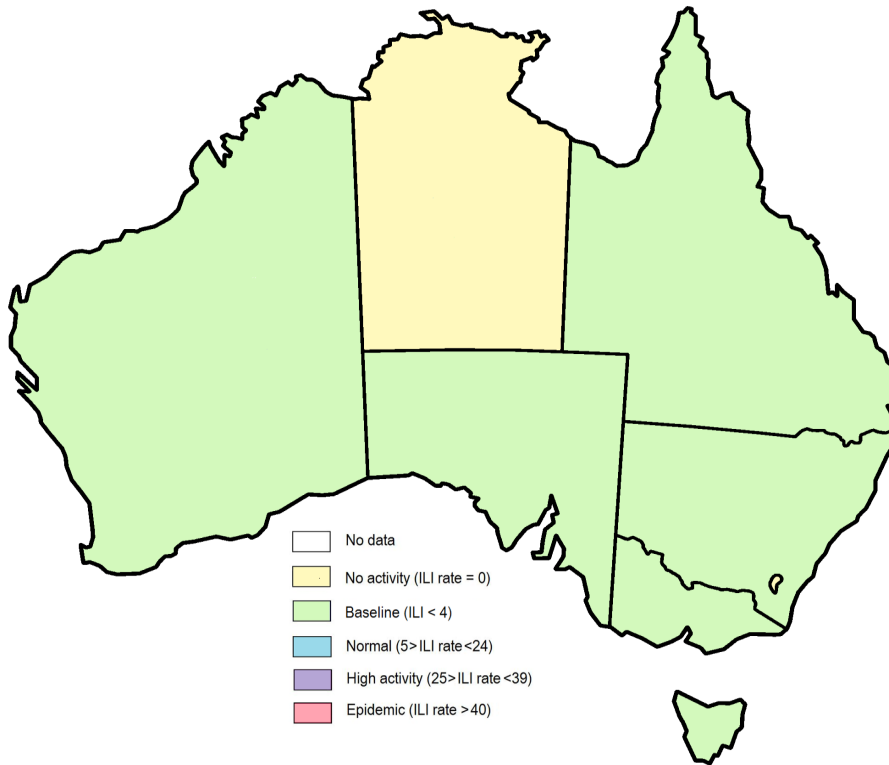


Figure 1. Map of ILI activity by jurisdiction, weeks 23 - 24, 2020.

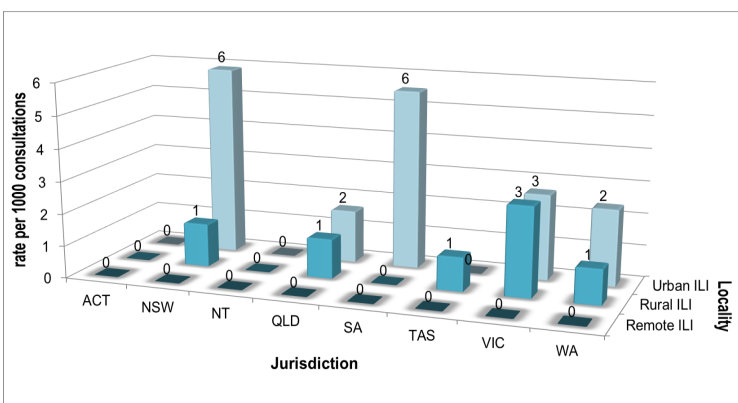


Figure 2. ASPREN + VicSPIN rate of ILI by locality and jurisdiction, weeks 23 - 24, 2020.

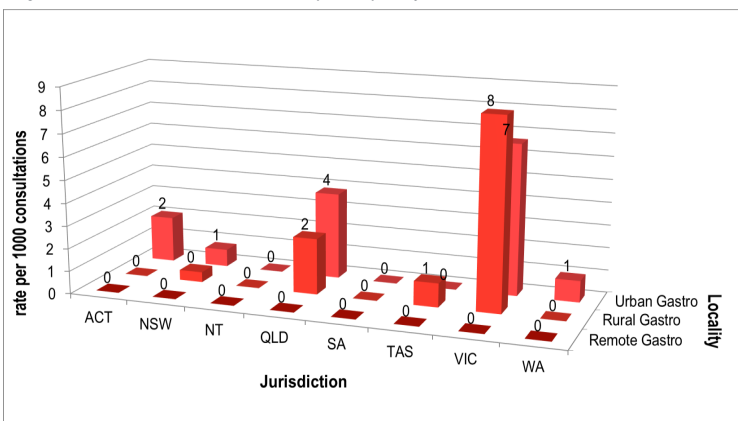



Figure 3. ASPREN rate of gastroenteritis by locality and jurisdiction, weeks 23 - 24, 2020.


NATIONAL SUMMARY

 Influenza-like-illness levels remain steady below baseline levels

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

0% Influenza positivity during the reporting period.

21 Cases of influenza have been detected this year:
19 x Influenza A
2 x Influenza B

 Gastroenteritis levels remain steady below baseline levels

**SYNDROMIC SURVEILLANCE
REPORTING**

Reports were received from 250 reporters from 8 states and territories during the reporting period. During weeks 23 and 24 reporters saw a total of 39,223 patients.

INFLUENZA-LIKE-ILLNESS (ILI)

Nationally, ILI notifications increased during the period with 81 notifications being reported in weeks 23–24. ILI rates reported in this period slightly increased to 2 and 3 cases per 1000 consultations (weighted). This was similar to the previous fortnight where rates were 2 cases per 1000 consultations in weeks 21 and 22. For the same reporting period in 2019, ILI rates were higher at 13 and 12 cases per 1000 consultations for weeks 21 and 22 respectively (see Fig. 5).

GASTROENTERITIS

Nationally, gastroenteritis notifications slightly decreased over the period with 40 notifications reported. Gastroenteritis rates reported in this period slightly decreased to 1 case per 1000 consultations in both weeks 23 and 24, compared to 2 cases per 1000 consultations in weeks 21 and 22 (see Fig. 5).

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

* VicSPIN is funded by Melbourne Health and the Victorian Infectious Diseases Reference Laboratory.

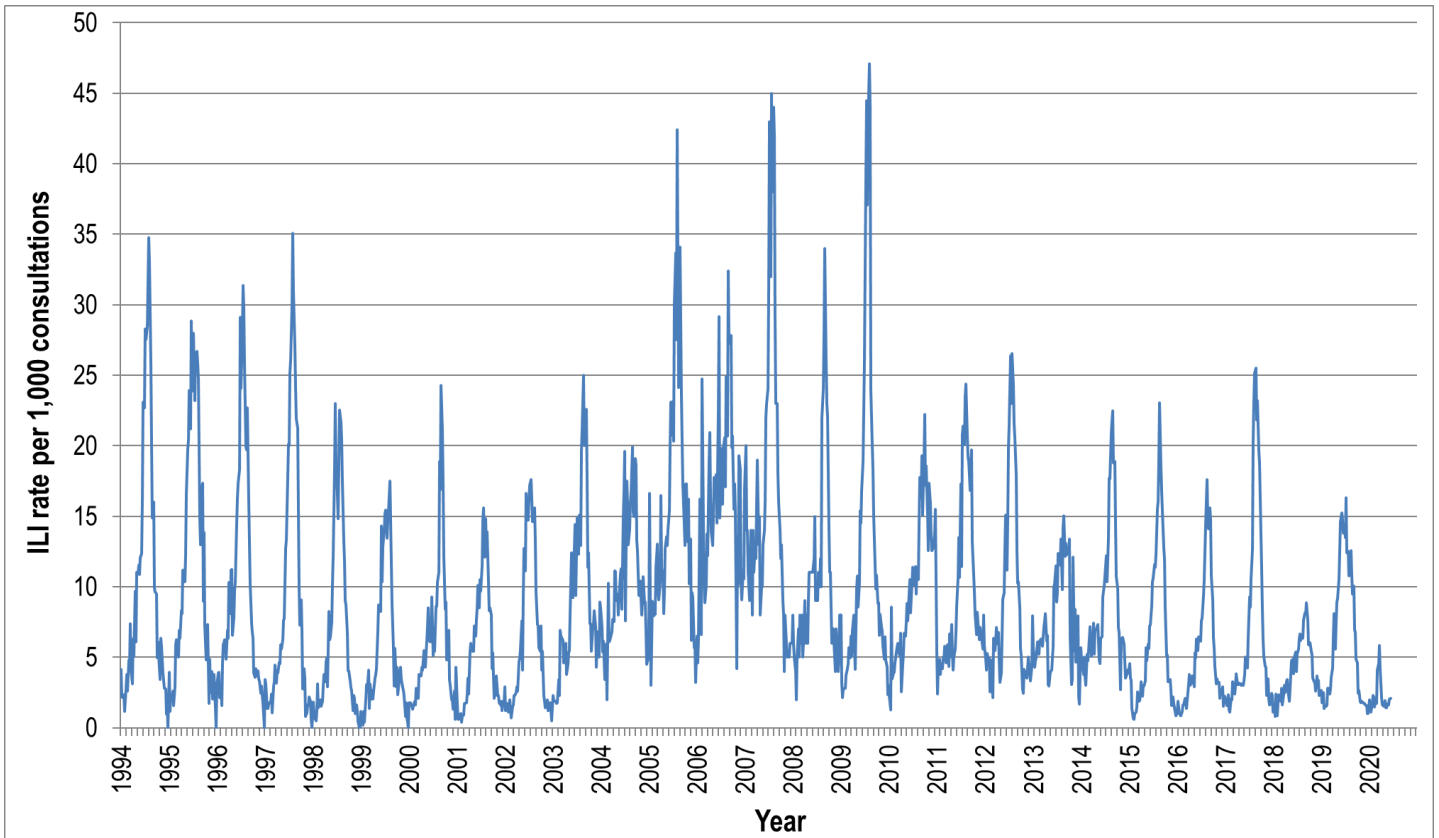


Figure 4. ASPREN ILI rates 1994 - 2020.

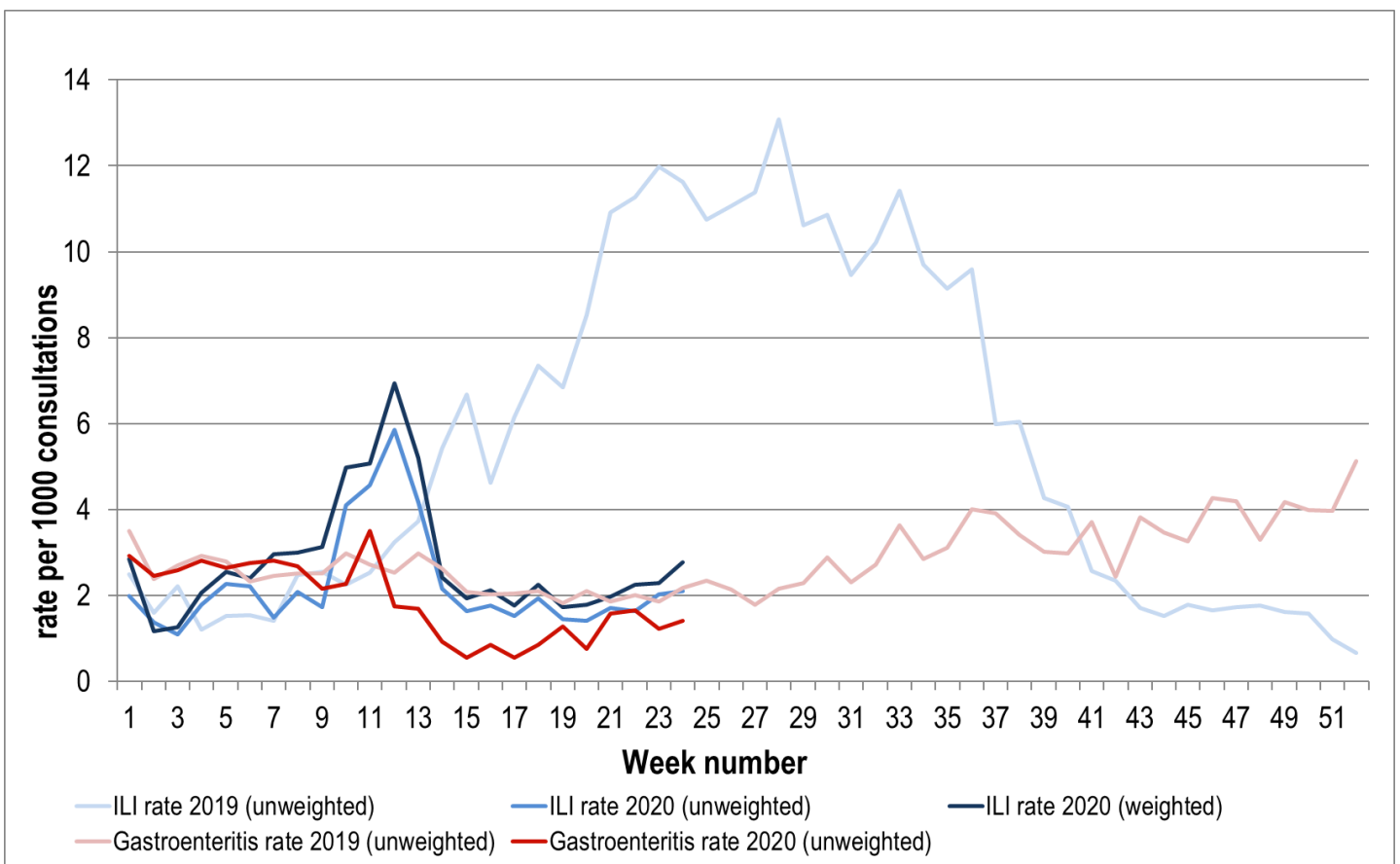


Figure 5. ASPREN + VicSPIN ILI and ASPREN gastroenteritis rates 2019-20. Weighted rates are weighted to account for population size differences between jurisdictions, using population estimates from the 2011 Australian Census.

VIROLOGICAL SURVEILLANCE

57% of all ILI patients were swab tested during weeks 23 and 24 (see Figure 6).

No cases of Influenza were detected during this period. There were 19 cases of Rhinovirus detected making it the most common respiratory virus circulating the nation at present (see figure 8).

Viral laboratory data are provided by SA Pathology and VicSPIN laboratories.

	Reporting Period	YTD
	1 June - 14 June 2020	1 Jan - 14 June 2020
Total number of ILI notifications	81	1061
Number of swab tests performed	46	509
% ILI patients tested	57%	48%
% of swab tests positive for influenza	0%	4%

Figure 6. ASPREN + VicSPIN virological surveillance results overview for 2020 #

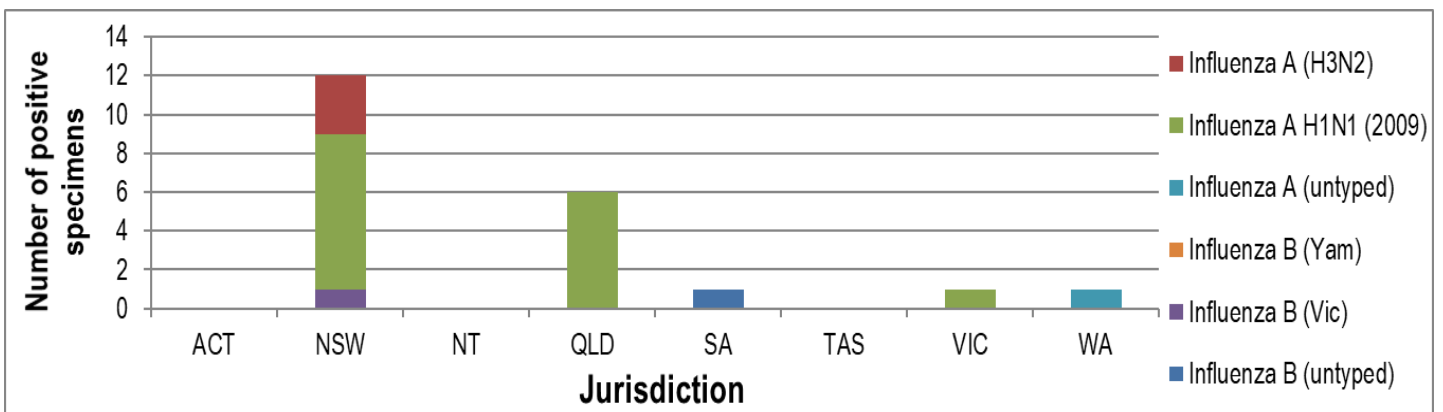


Figure 7. ASPREN + VicSPIN influenza subtype analysis by jurisdiction for 2020 #

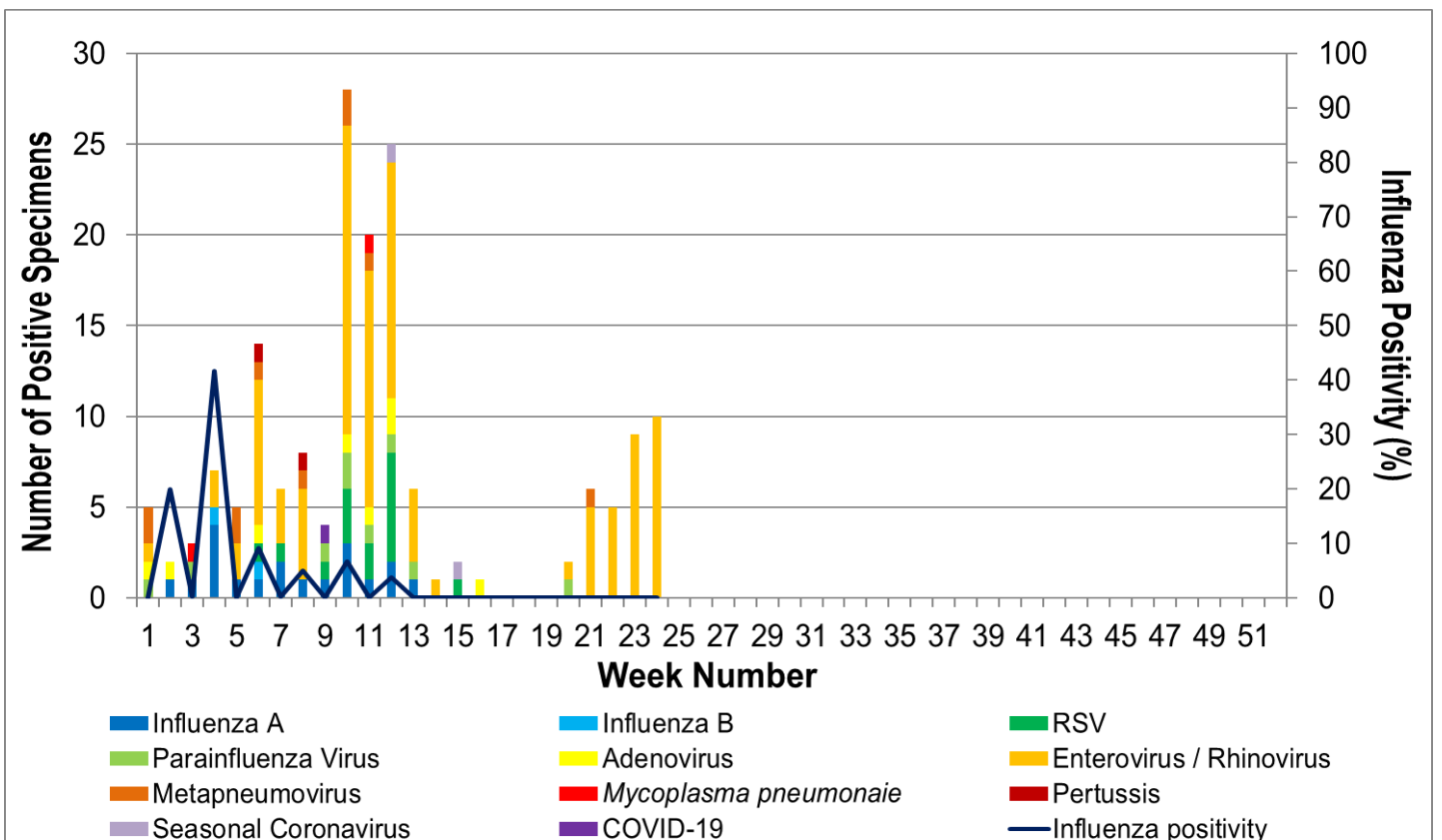


Figure 8. ASPREN, VicSPIN laboratory detection of influenza and other respiratory viruses for 2020 #