

## Report No. 4: Week ending 1 May 2022

### Overview

In 2022, the Victorian Sentinel Practice Influenza Network (**VicSPIN**), will report on influenza, SARS-CoV-2 and other respiratory viruses circulating in the community.

#### The 2022 influenza season so far

**Influenza-like illness (ILI)** activity is currently **within the average** threshold for this week with **5.6 ILIs per 1000 patients seen**.

The number of notified cases of laboratory confirmed influenza is almost **17 times higher** than the number notified by the same time in 2021. All notified cases have been **type A (100%)** (10% of Type A cases are aged less than 10 years and 9% aged 65 years and over).

**Two swabs** were received from VicSPIN this week.

**No swabs** tested positive for **influenza**.

#### The 2022 SARS-CoV-2 case numbers so far

The number of routinely notified COVID-19 cases based on PCR and RAT testing so far in 2022 is **1,392,946 cases**.

The number notified by the same time in 2021 was **149 cases**.

There have been **64,681 cases** reported in the past week.

There have been 20,543,926 PCR tests to date. The total number of rapid antigen tests (RATs) conducted is unknown.

**No swabs** received from VicSPIN this week tested positive for SARS-CoV-2.

Figure 1. Routinely notified influenza cases and VicSPIN ILI consultation proportions, Victoria, 2015 – 2022

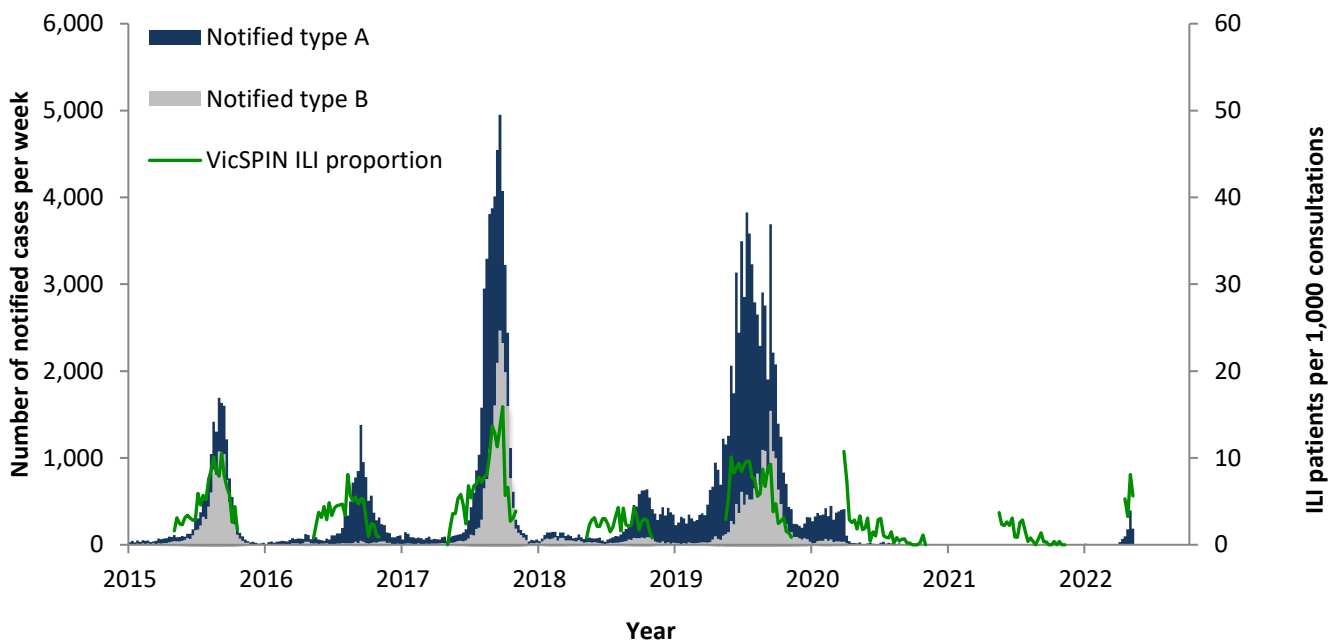
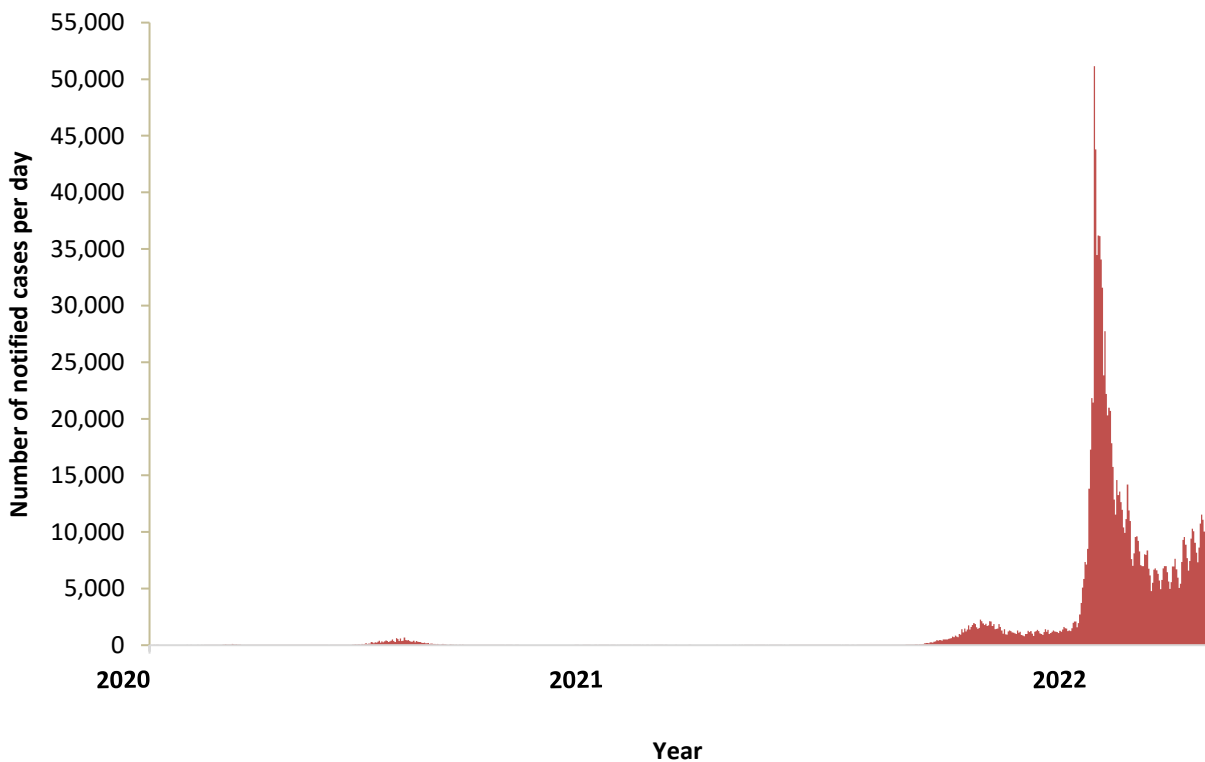


Figure 2. Daily routinely notified SARS-CoV-2 cases based on PCR and RAT testing, Victoria, 2020 – 2022



### Victorian Sentinel Practice Influenza Network

- The ILI proportion measured by VicSPIN for this week is within the average activity threshold with **5.6 ILI cases per 1,000 patients seen**. (Figures 1 & 3, and Table 1)
- **Two swabs** were received from VicSPIN this week. (Figure 4 and Table 1)
- **No swabs** tested positive for influenza. (Figure 4 and Table 1)
- **No swabs** tested positive for SARS-CoV-2. (Figure 4 and Table 1)

Table 1. Summary of reporting from general practice sentinel sites, week ending 1 May 2022.\*

	Week	Year-to-date
Number (%) of general practitioners reporting	26 (100%)	
Total patients seen	1425	6,155
Total patients with ILI	8	33
Consultation rate for ILI (per 1,000 patients)	5.6	5.4
Number of specimens received	2	12
Number (%) positive for influenza	0 (0%)	2 (16.67%)
Number (%) positive for SARS-CoV-2	0 (0%)	1 (8.33%)

\* These numbers are subject to change as data are processed and updated.

Figure 3. VicSPIN ILI consultation proportions, Victoria, 2018 – 2022

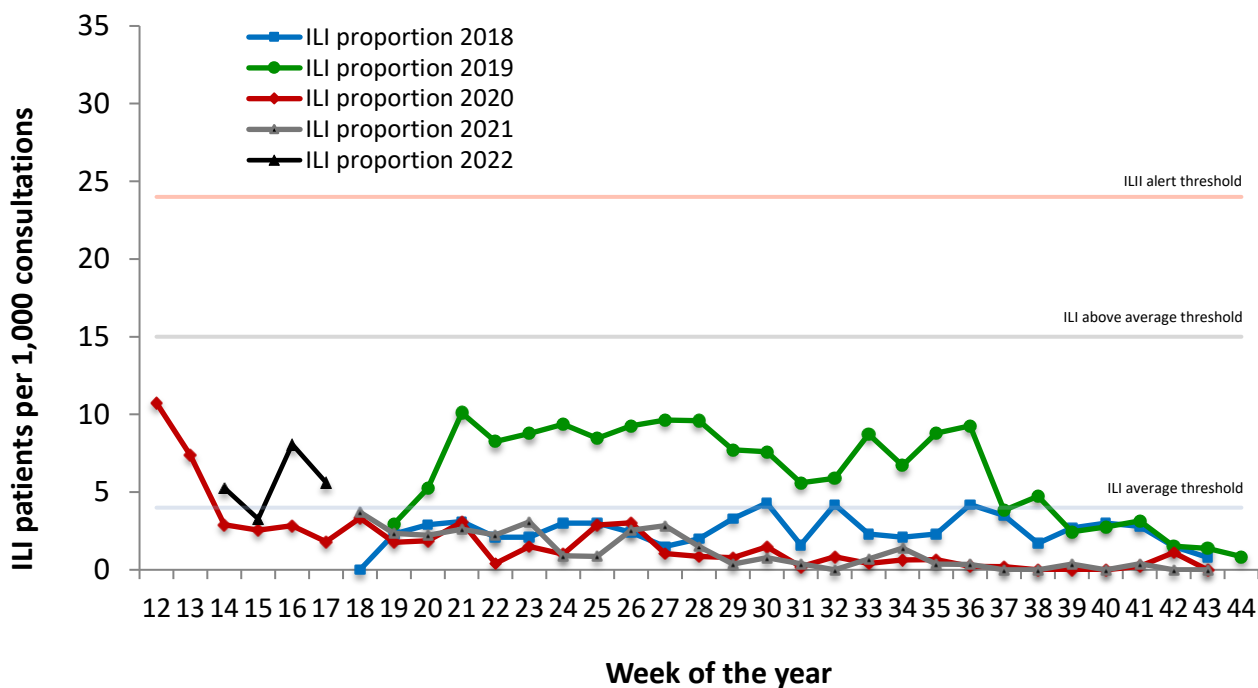
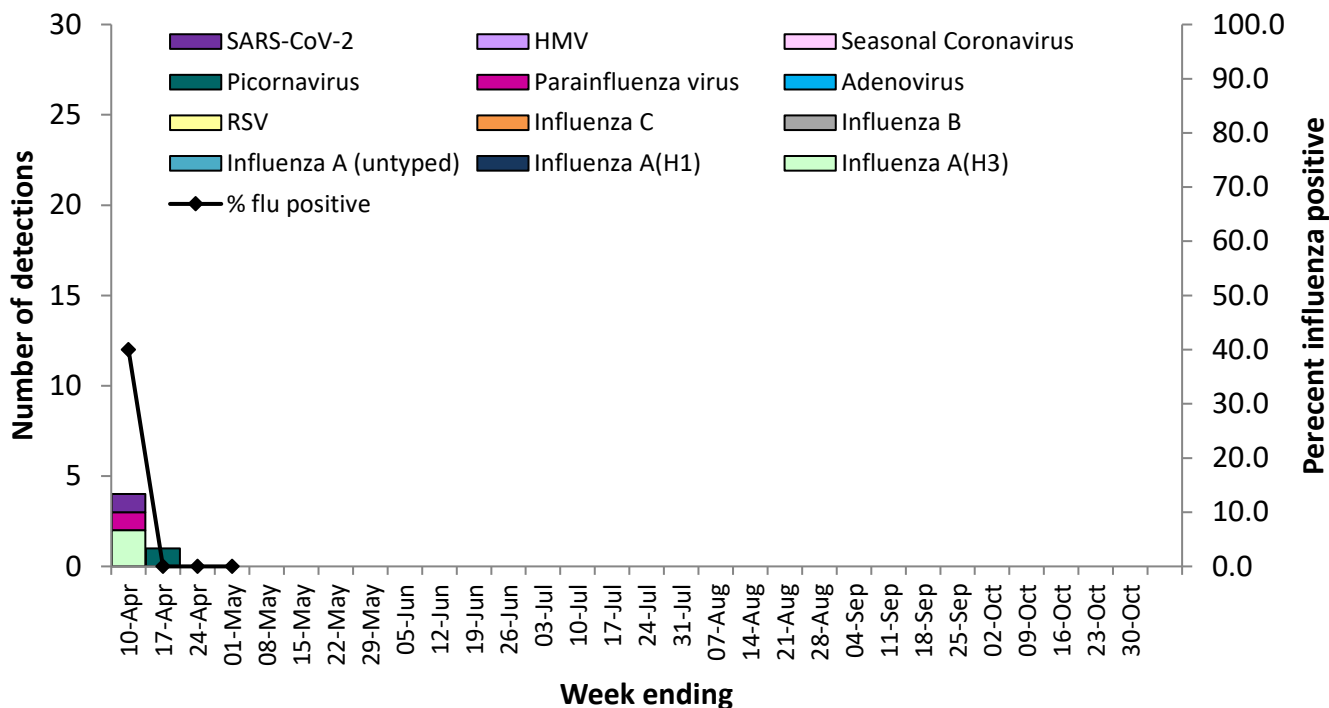


Figure 4. VicSPIN respiratory virus detections and percent influenza positive, Victoria, 2022



### Observations from other influenza and SARS-CoV-2 surveillance systems

#### Notified cases of laboratory confirmed influenza and SARS-CoV-2

- The number of notified cases of laboratory confirmed influenza for this week is 185 (Table 2).
- A total of 987 cases of laboratory confirmed influenza have been processed so far in 2022, almost 17-fold increase on the number notified by the same time in 2021 (Figure 1 and Table 2).
- Year to date, 100% of notified cases have been type A (10% of Type A cases are aged less than 10 years and 9% aged 65 years and over).
- The number of total SARS-CoV-2 cases for this week is 64,681 (Table 2).
- A total of 1,392,946 probable and confirmed SARS-CoV-2 cases have been notified so far in 2022 compared with 149 for the same in 2021 (Table 2)
- There have been 20,543,926 PCR tests to date. The total number of rapid antigen tests (RATs) conducted is unknown
- These numbers are subject to change as data are processed and uploaded.

Table 2. Summary of notified influenza and SARS-CoV-2 cases, week ending 1 May 2022.

	Week	2022 Year-to-date	2021 Year-to-date
Notified influenza cases	185	987	59
Notified SARS-CoV-2 cases	64, 681	1,392, 946	149

***World Health Organization Collaborating Centre for Reference and Research on Influenza***

- The strains included in the 2022 egg-based Southern Hemisphere seasonal influenza quadrivalent vaccines are: A/Victoria/2570/2019 (H1N1)pdm09-like virus, A/Darwin/9/2021 (H3N2)-like virus, B/Austria/1359417/2021-like (B/Victoria lineage) virus and B/Phuket/3073/2013-like (B/Yamagata lineage) virus.
- The strains included in the 2022 cell-based Southern Hemisphere seasonal influenza quadrivalent vaccines are: A/Wisconsin/588/2019 (H1N1)pdm09-like virus, A/Darwin/9/2021 (H3N2)-like virus, B/Austria/1359417/2021-like (B/Victoria lineage) virus and B/Phuket/3073/2013-like (B/Yamagata lineage) virus.