

## Report No. 1: Week ending 10 April 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 the first reporting week of 2022 with **5.3 ILIs per 1000 patients seen**.

The number of notified cases of laboratory confirmed influenza is **over four times higher** than the number notified by the same time in 2021. All notified cases have been **type A (100%)**.

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

**One swab** tested positive for **influenza A**.

**Parainfluenza** was also detected in **one swab**.

### 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 **1,207,365 million**.

The number notified by the same time in 2021 was **111 cases**.

There have been **73,784 cases** reported in the past week.

There have been **20,202,400** PCR tests to date. The total number of rapid antigen tests (RATs) conducted is unknown.

**One swab** 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

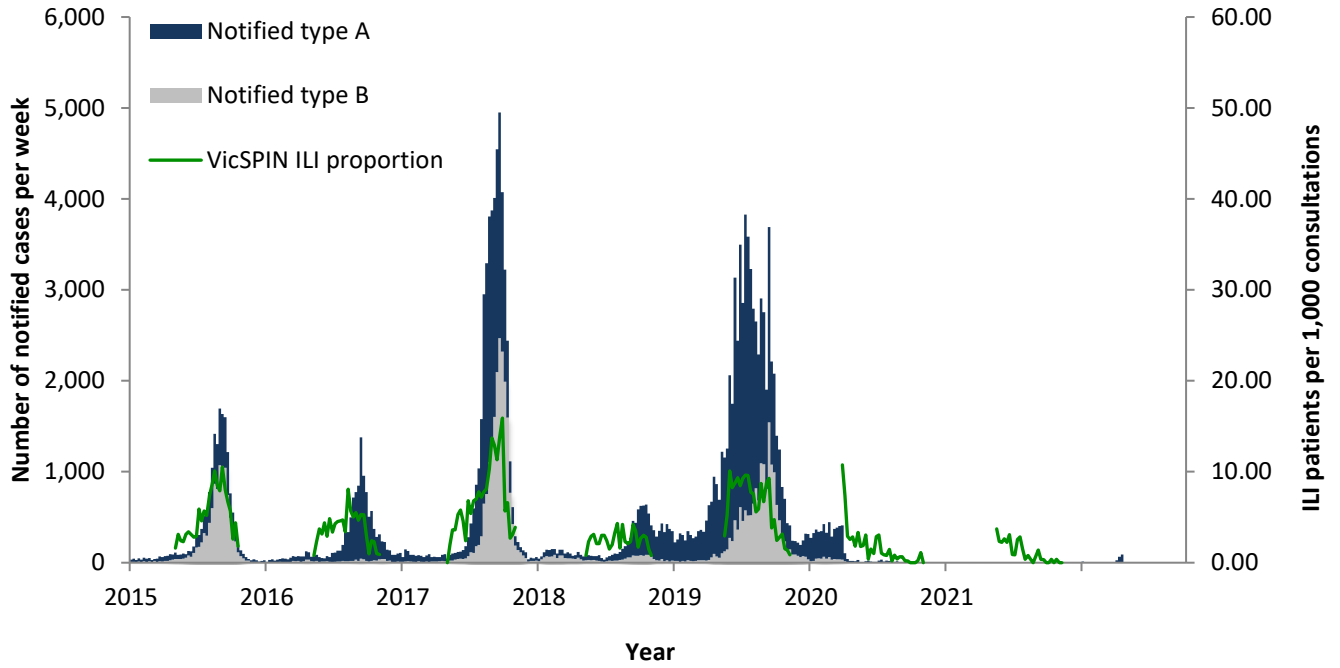
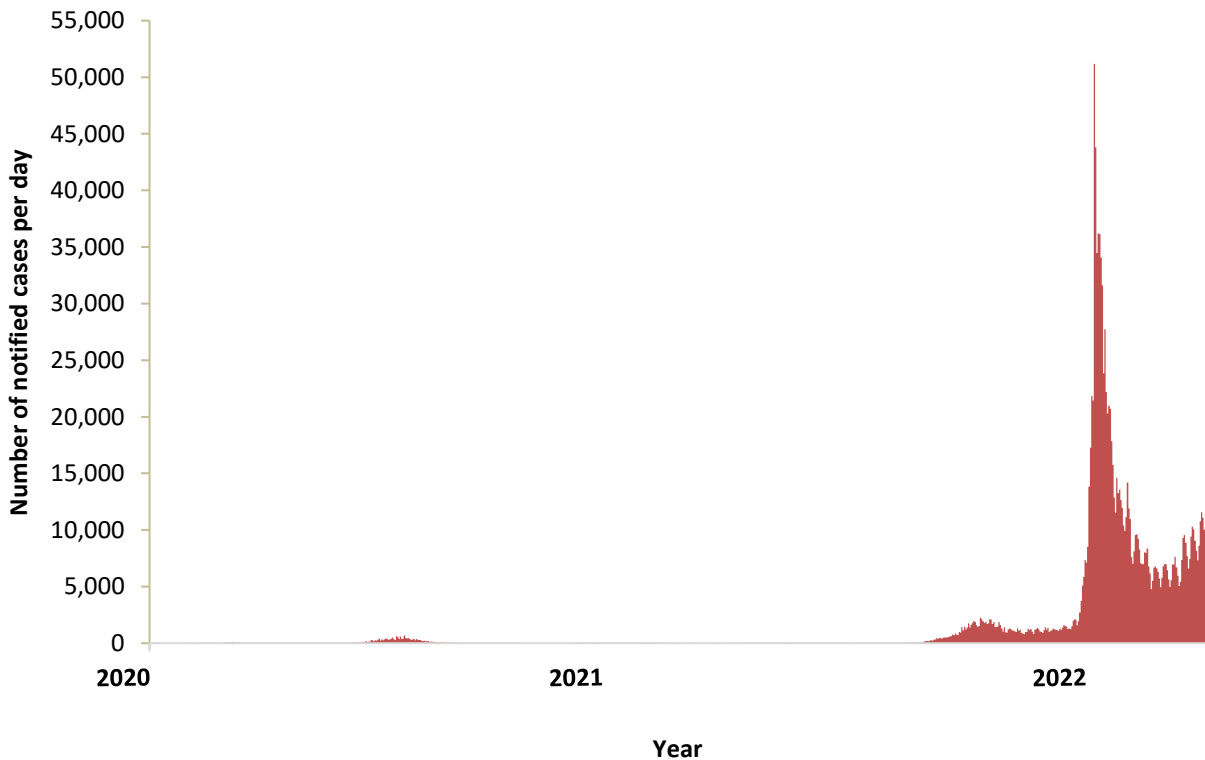


Figure 2. Routinely notified SARS-CoV-2 cases per day based on PCR and RAT testing, Victoria, 2020 – 2022



## Victorian Sentinel Practice Influenza Network

- The ILI proportion measured by VicSPIN for this week is within the average activity threshold with **5.3 ILI cases per 1,000 patients seen**. (Figures 1 & 3, and Table 1)
- **Four swabs** were received from VicSPIN this week. (Figure 4 and Table 1)
- **One swab** tested positive for influenza A. (Figure 4 and Table 1)
- **One swab** tested positive for SARS-CoV-2. (Figure 4 and Table 1)
- **One swab** tested positive for parainfluenza. (Figure 4)

Table 1. Summary of reporting from general practice sentinel sites, week ending 10 April 2022.\*

|  | Week     | Year-to-date |
|--|----------|--------------|
| Number (%) of general practitioners reporting  | 25 (96%) |              |
| Total patients seen                            | 2,088    | 2,088        |
| Total patients with ILI                        | 11       | 11           |
| Consultation rate for ILI (per 1,000 patients) | 5.3      | 5.3          |
| Number of specimens received                   | 4        | 4            |
| Number (%) positive for influenza              | 1 (25%)  | 1 (25%)      |
| Number (%) positive for SARS-CoV-2             | 1 (25%)  | 1 (25%)      |

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

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

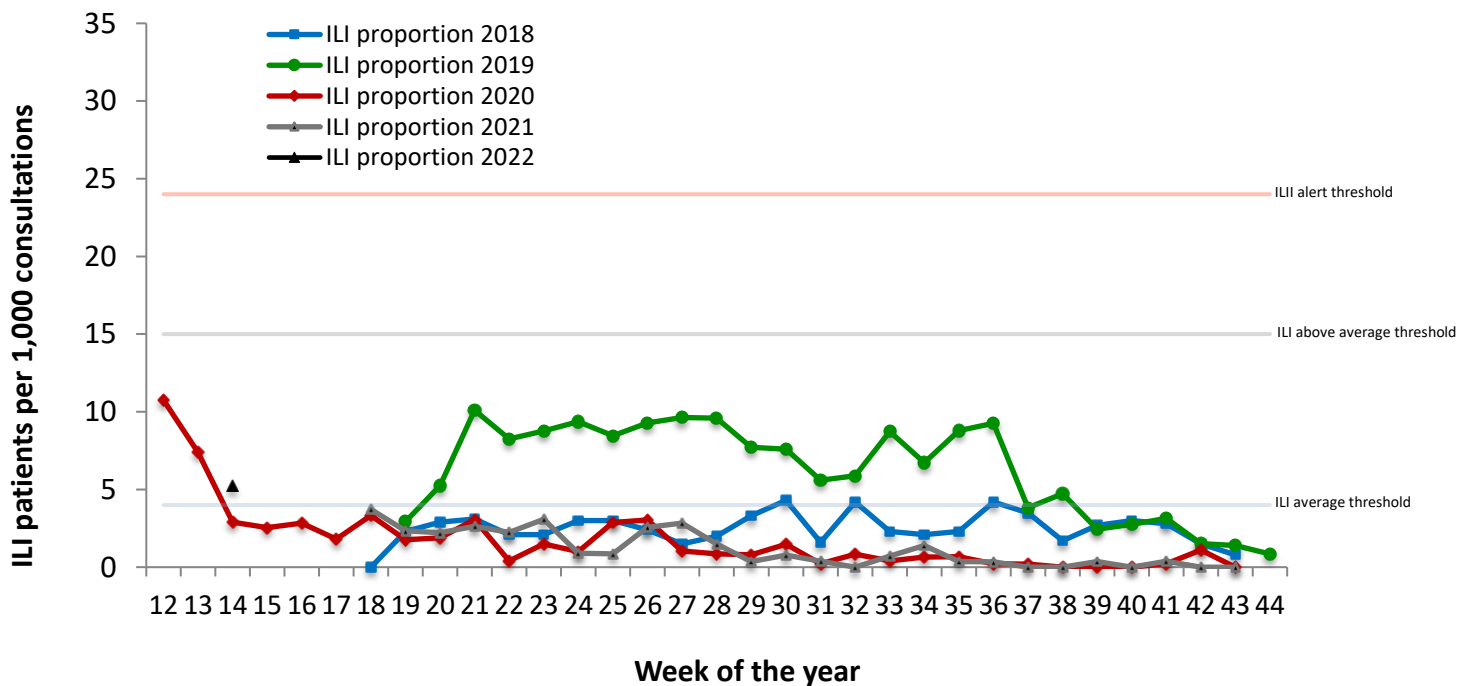
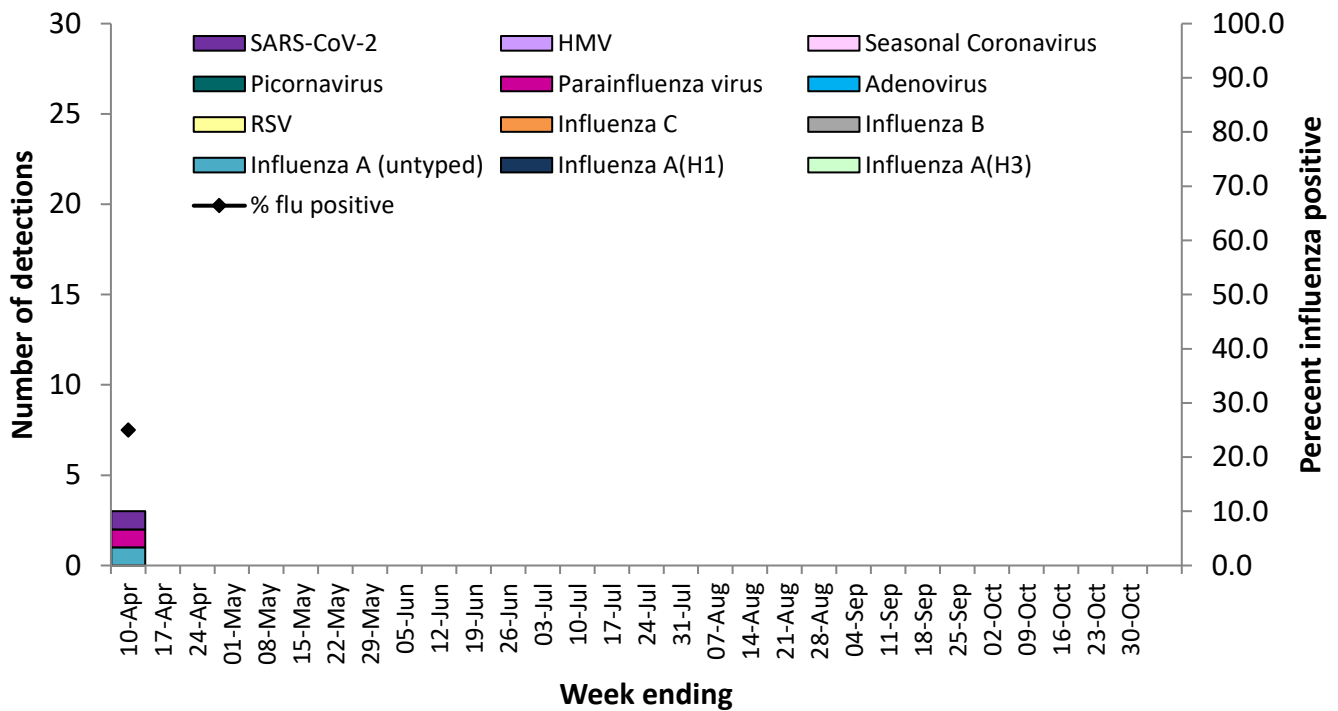


Figure 4. VicSPIN respiratory virus detections and percent influenza positive, Victoria, 2022



### Observations from other influenza 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 90 (Table 2).
- A total of 211 cases of laboratory confirmed influenza have been processed so far in 2022, over four-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 (8% of Type A cases are aged less than 10 years and 18% aged 65 years and over).
- The number of total SARS-CoV-2 cases for this week is 73,784 (Table 2).
- A total of 1,207,365 probable and confirmed SARS-CoV-2 cases have been notified so far in 2022 compared with 111 in 2021 (Table 2)
- There have been 20,202,400 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 10 April 2022.

|                           | Week   | 2022 Year-to-date | 2021 Year-to-date |
|---------------------------|--------|-------------------|-------------------|
| Notified influenza cases  | 90     | 211               | 49                |
| Notified SARS-CoV-2 cases | 73,784 | 1,207,365         | 111               |

***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.