



Australian Government

Department of Health

AUSTRALIAN INFLUENZA SURVEILLANCE REPORT

No. 17, 2020

Reporting fortnight: 16 to 29 November 2020

The Department of Health acknowledges the providers of the many sources of data used in this report and greatly appreciates their contribution.

KEY MESSAGES

It is important to note that due to the COVID-19 epidemic in Australia, data reported from the various influenza surveillance systems may not represent an accurate reflection of influenza activity. Results should be interpreted with caution, especially where comparisons are made to previous influenza seasons. Interpretation of 2020 influenza activity data should take into account, but are not limited to, the impact of social distancing measures, likely changes in health seeking behaviour of the community including access to alternative streams of acute respiratory infection specific health services, and focussed testing for COVID-19 response activities. Current COVID-19 related public health measures and the community's adherence to public health messages are also likely having an effect on transmission of acute respiratory infections, including influenza.

- **Activity** – Following a high start to the 2020 interseasonal period, currently, influenza and influenza-like illness (ILI) activity levels are lower than average across all systems. At the national level, notifications of laboratory-confirmed influenza have substantially decreased since mid-March and remain low.
- **Impact** – Given low case numbers of laboratory-confirmed notifications for influenza, it is likely that there is minimal impact on society due to influenza circulation in the 2020 season.
- **Severity** – There is no indication of the potential severity of the 2020 season at this time. In the year to date, of the 21,266 notifications of laboratory confirmed influenza, 37 (0.17%) laboratory-confirmed influenza-associated deaths have been notified to the National Notifiable Diseases Surveillance System (NNDSS).
- **Virology** – In the year to date, the majority of nationally reported laboratory-confirmed influenza cases were influenza A (87.1%).
- **Vaccine match and effectiveness** – Given low case numbers of influenza in 2020, it is currently difficult to assess vaccine match and effectiveness.

Introduction

Each year, the influenza virus changes and different strains can circulate in the population. Particular subtypes of influenza can affect different groups of the population more than others. Depending on the susceptibility of the population, the subtypes that are circulating and the changes to the virus itself, the influenza season can be very different year to year. Our surveillance systems help us to understand influenza activity, severity of the infection in individuals and impact of the illness on society in Australia. We are also able to monitor which influenza viruses are circulating, which populations might be more affected, the effectiveness of the vaccine, and any resistance to antiviral drugs that has developed.

Activity measures the capacity of the circulating influenza viruses to spread person to person and may be measured indirectly through systems that monitor ILI and more directly through systems that monitor laboratory-confirmed influenza.

Impact measures how the influenza epidemic affects society, including stress on health-care resources and societal and economic consequences.

Severity is a measure of adverse outcomes or complications as a result of ILI such as hospital referrals, admissions, need for intensive care and deaths. Measuring and understanding the severity of circulating influenza is difficult to establish at the beginning, or during a low, influenza season. The proportion of confirmed influenza cases with serious outcomes might be skewed initially because there are only a small number of people notified. This means that the measure of severity will vary substantially fortnight to fortnight until numbers are sufficiently high and there is enough data for measurements to stabilise. An assessment of severity can be provided once the signals become clearer.

Analysis of influenza surveillance systems

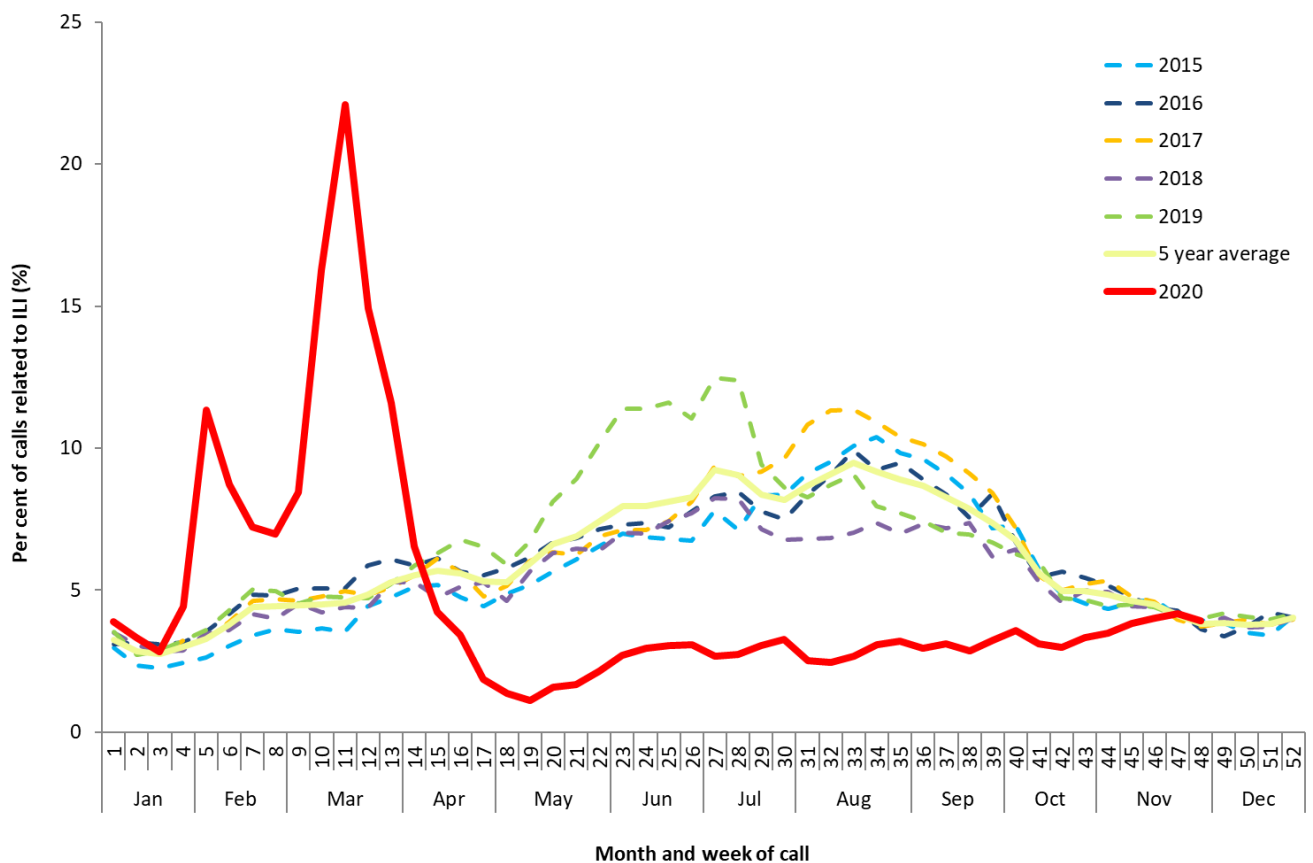
Healthdirect

Healthdirect provides free health triage advice and information services by telephone and online, and can assist in identifying symptoms including those that may be classified as an ILI syndrome. Community level ILI syndromic trends are monitored using Healthdirect data.

Activity

- This fortnight (16 to 29 November 2020), 4.1% of calls to the Healthdirect helpline have been related to ILI, similar to 3.9% in the previous fortnight.
- In 2020, the proportion of calls to Healthdirect relating to ILI have been impacted by calls related to bushfires (February) and COVID-19 (March) (Figure 1).
- During February and March, there was an increase in media coverage of COVID-19 and its symptoms, which overlap with ILI symptoms reported. The National Coronavirus Helpline was established on 16 March 2020. Since then, callers to the Healthdirect helpline who have concerns about COVID-19 have been diverted to the National Coronavirus Helpline. This explains the sudden drop in ILI related calls to the helpline in mid-March. Following this, the proportion of ILI-related calls to Healthdirect remained below the 5 year average despite slowly increasing overtime. ILI-related calls returned to average levels at the end of November.

Figure 1. Per cent of calls to Healthdirect related to ILI, Australia, 01 January 2015 to 29 November 2020, by month and week of call*



Source: Healthdirect

* All data are preliminary and subject to change as updates are received.

Flutracking

Flutracking is an online syndromic surveillance system which monitors ILI in the community.

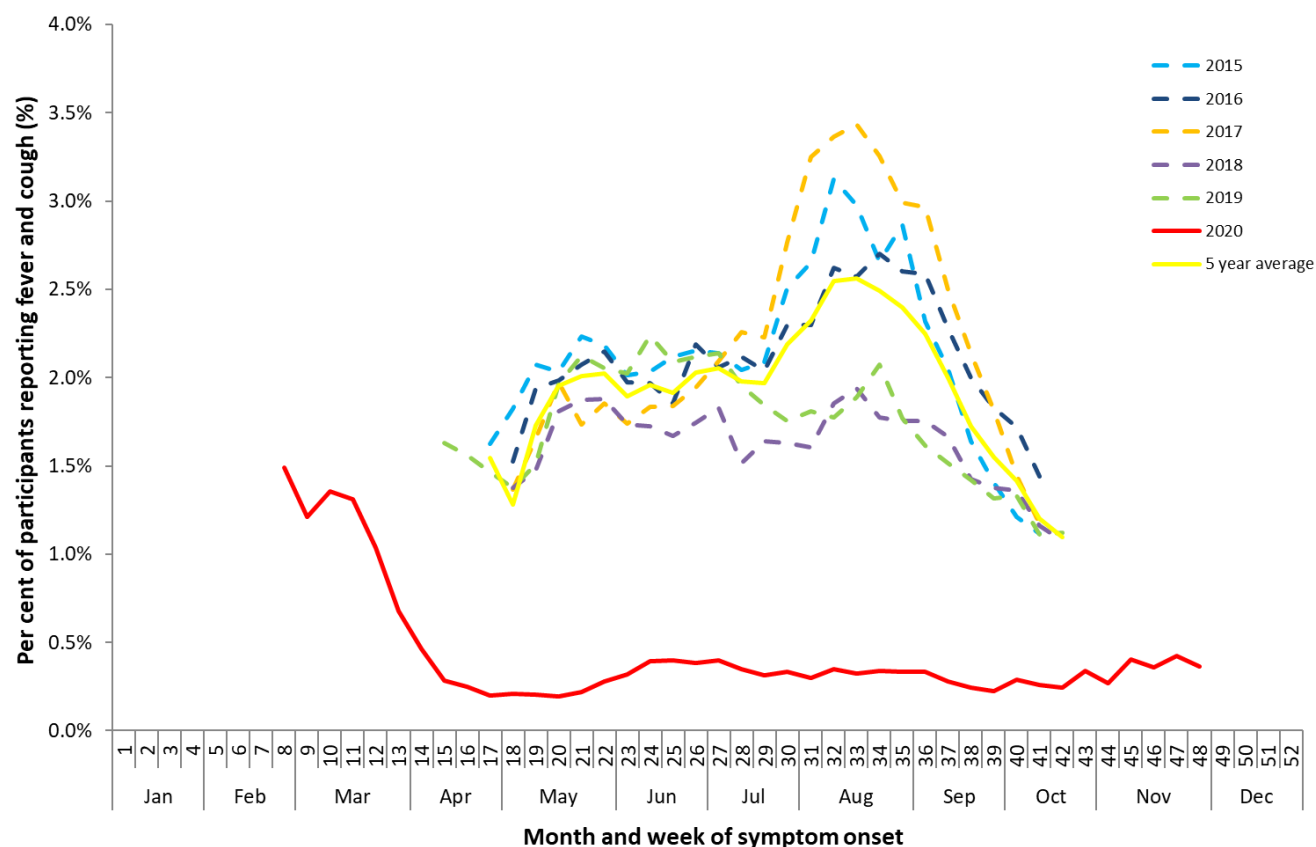
Activity

- Flutracking expanded their reporting period this year due to COVID-19. As such, historical comparisons are not available for data reported before April and after October 2020.
- This fortnight (16 to 29 November 2020), the proportion of Flutracking participants reporting ILI (0.39%), is similar to the previous fortnight (0.38%).
- Since reporting commenced in week 8, the proportion of Flutracking participants reporting ILI (fever and cough) decreased from a peak of 1.5% in week 8 to a low of 0.2% from weeks 17 to 20 (Figure 2). This is likely due to COVID-19 public health measures (e.g. physical distancing and travel restrictions).
- The proportion of participants reporting ILI has increased from 0.29% in week 40, to 0.37% in week 48. Where the 5 year average was able to be calculated, the ILI rate this year has remained at historically low levels.

Impact

- This fortnight (16 to 29 November 2020), the proportion of Flutracking participants reporting ILI and taking time off regular duties (0.29%) is the same as the previous fortnight (0.29%).
- Since week 8, the proportion of Flutracking survey respondents reporting having ILI and taking time off regular duties while unwell declined from a peak of 1.1% in week 8 to a low of 0.09% in week 19. From week 20 onwards, the proportion was relatively unchanged until week 42, after which there has been a slight increase. Similar to the ILI rate, the proportion of participants reporting fever, cough, and taking time off regular duties has remained below the 5 year average since April.

Figure 2. Proportion of fever and cough among Flutracking participants, Australia, between February and November, 2015 to 2020, by month and week*#



Source: Flutracking

* All data are preliminary and subject to change as updates are received.

Data to calculate the 5 year average are available to week 42 only.

Sentinel General Practitioners (ASPREN)

ASPREN is a year-round sentinel general practice surveillance system in which general and nurse practitioners report de-identified information on the number of ILI patient presentations seen in participating practices each week.

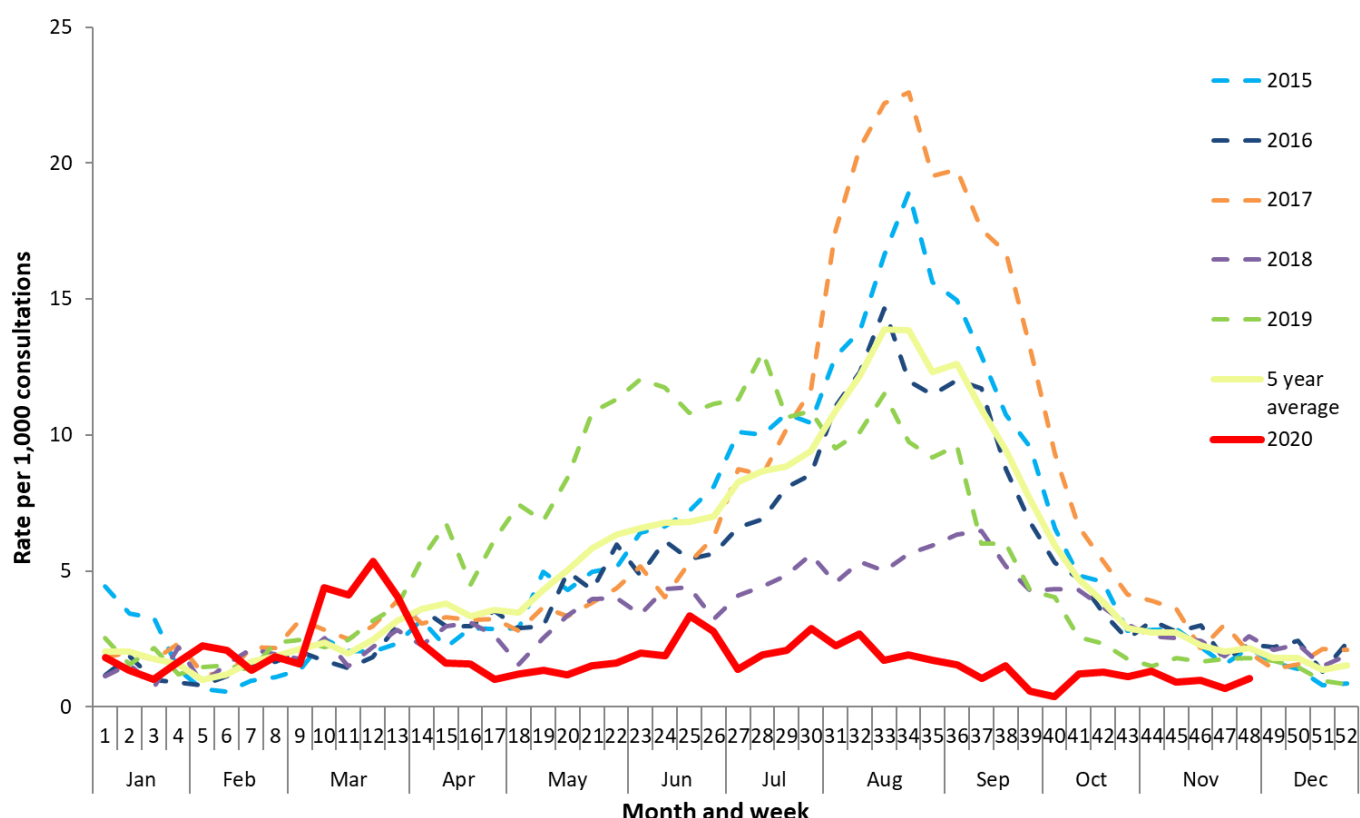
It should be noted that in addition to the overarching impacts of COVID-19 on influenza surveillance systems (see page 1), interpretation of ASPREN's 2020 influenza data should take into account the following COVID-19 impacts:

- changes in the health seeking behaviour at ASPREN sentinel sites due to the availability of telehealth and respiratory clinics may result in less presentations to General Practice (GP); and
- changes to GPs swabbing at ASPREN sentinel sites, due to the availability of telehealth and respiratory clinics, may result in a lower number of swabs being undertaken by ASPREN reporters.

Activity

- This fortnight (16 to 29 November 2020), an average of 0.8 per 1,000 consultations due to ILI were reported by sentinel ASPREN GPs (excludes Victorian Sentinel Practice Influenza Network data). There were no influenza positive results among patients that were tested through sentinel ASPREN GPs this fortnight.
- From weeks 1 to 9, sentinel ASPREN GPs reported an average of 1.7 per 1,000 consultations per week due to ILI.
- From week 9, ILI consultations increased and peaked in week 12 (5.4 per 1,000) and week 25 (3.4 per 1,000). Since week 14 the ILI rate has been below the 5 year average (Figure 3).
- In the year to date, the proportion of ILI cases with confirmed influenza seen by sentinel GPs is low. Of the 826 ILI cases presenting to sentinel GPs who were tested for influenza, 21 (2.5%) were influenza positive.

Figure 3. Unweighted rate of ILI reported from sentinel GP surveillance systems, Australia, 01 January 2015 to 29 November 2020, by month and week**



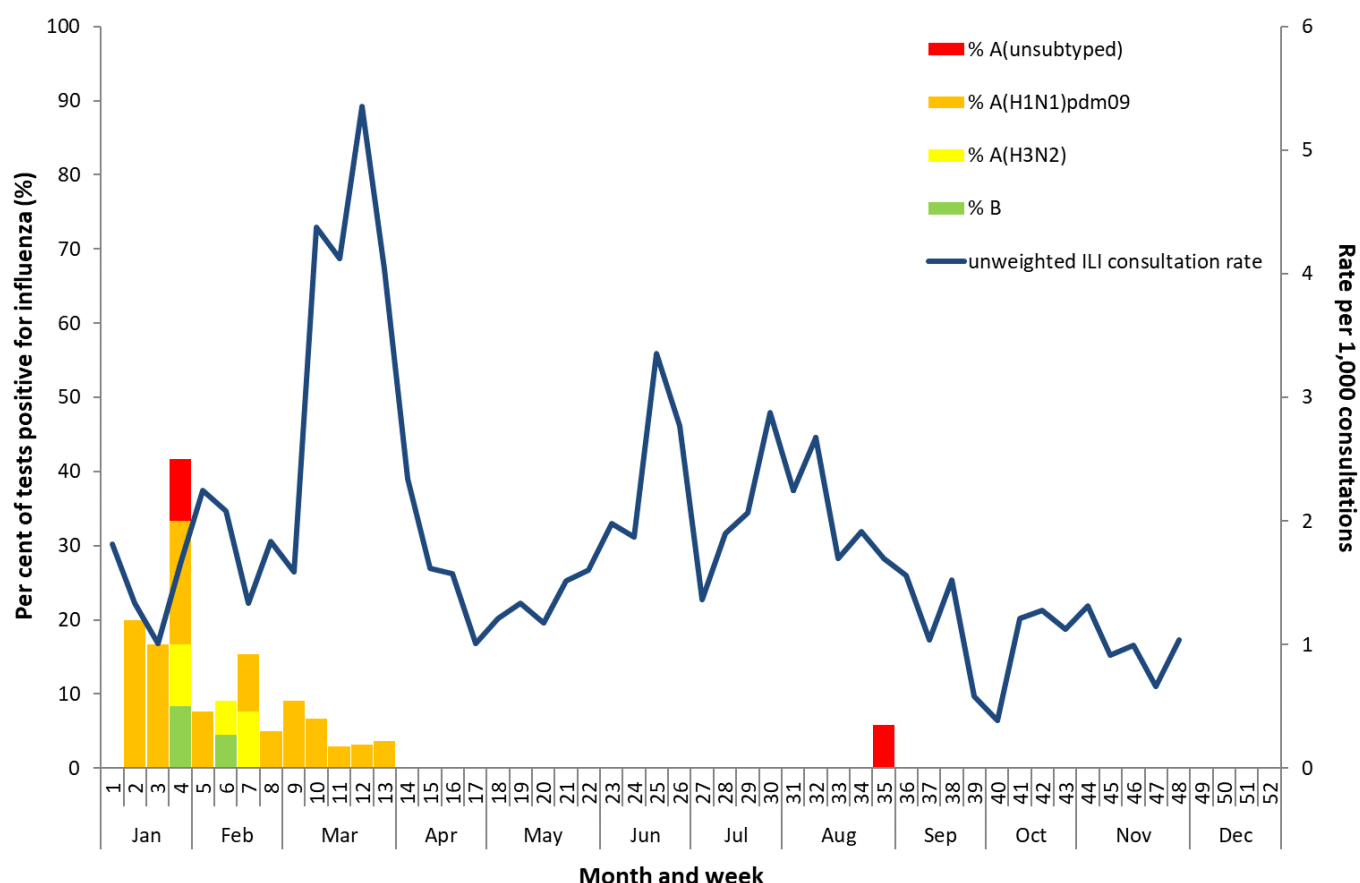
Source: ASPREN

* All data are preliminary and subject to change as updates are received. Excludes Victorian Sentinel Practice Influenza Network (VicSPIN) data from week 45.
 # Some patients reported with ILI in Victoria were sent to COVID-19 clinics for testing and did not have a swab collected for influenza testing at the time of consultation.

Virology

- Of the 21 influenza positive samples detected year to date, 19 were influenza A (14 influenza A(H1N1)pdm09, three influenza A(H3N2) and two influenza A(unsubtyped)) and two were influenza B (one influenza B/Victoria and one influenza B (unsubtyped)) (Figure 4). The last influenza positive ILI case detected through ASPREN GPs was in week 35.
- The most common respiratory virus reported so far this year of cases reported from sentinel ASPREN GPs was rhinovirus, accounting for 30.6% (253/826) of all tests.

Figure 4. Proportion of respiratory viral tests positive for influenza in ASPREN ILI patients and ASPREN ILI consultation rate, Australia, 01 January to 29 November 2020, by month and week*



Source: ASPREN

* All data are preliminary and subject to change as updates are received.

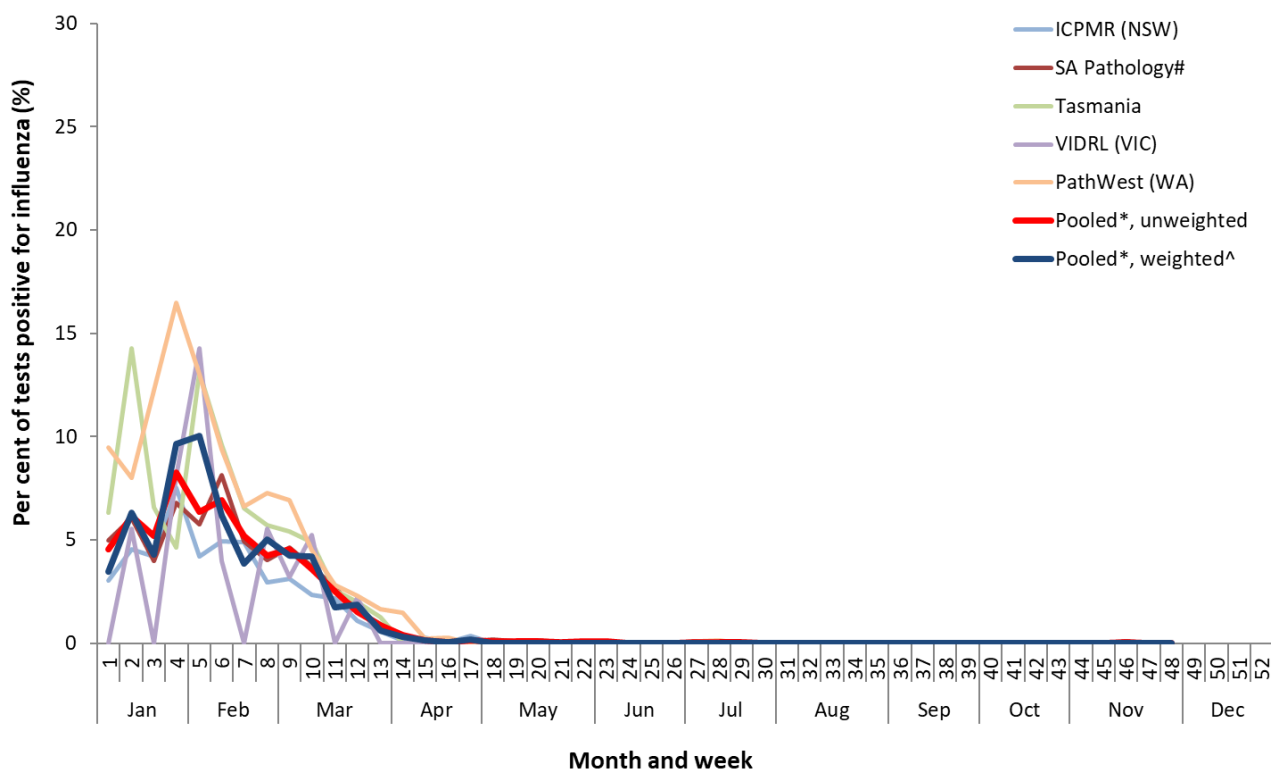
Sentinel Laboratories

Sentinel laboratory surveillance systems provide fortnightly reporting of influenza testing. This includes the number of tests undertaken, the number of positive results, and the detected viruses.

Activity

- Of the 475,119 samples tested across sentinel laboratories in the year to date, 1,996 (0.42%) were positive for influenza.
- Detections of influenza across sentinel laboratories increased from 4.5% in week 1 to 8.3% in week 4 (unweighted percentage of tests positive for influenza across all sentinel laboratories) and have steadily decreased to at or below 0.1% from week 15 (Figure 5). The last influenza positive specimen was detected in week 46.

Figure 5. Proportion of sentinel laboratory tests positive for influenza, 01 January to 29 November 2020, by contributing laboratory or jurisdiction and month and week[†]



Source: Sentinel laboratories

[†] All data are preliminary and subject to change as updates are received.

* Pooled percentage positive indicators should be interpreted with caution, noting that collectively pooled contributing laboratories are not representative of testing across Australia and individually contributing laboratories may not be representative of the jurisdiction in which they are located.

[^] Weighted according to jurisdictional population in which laboratories are located.

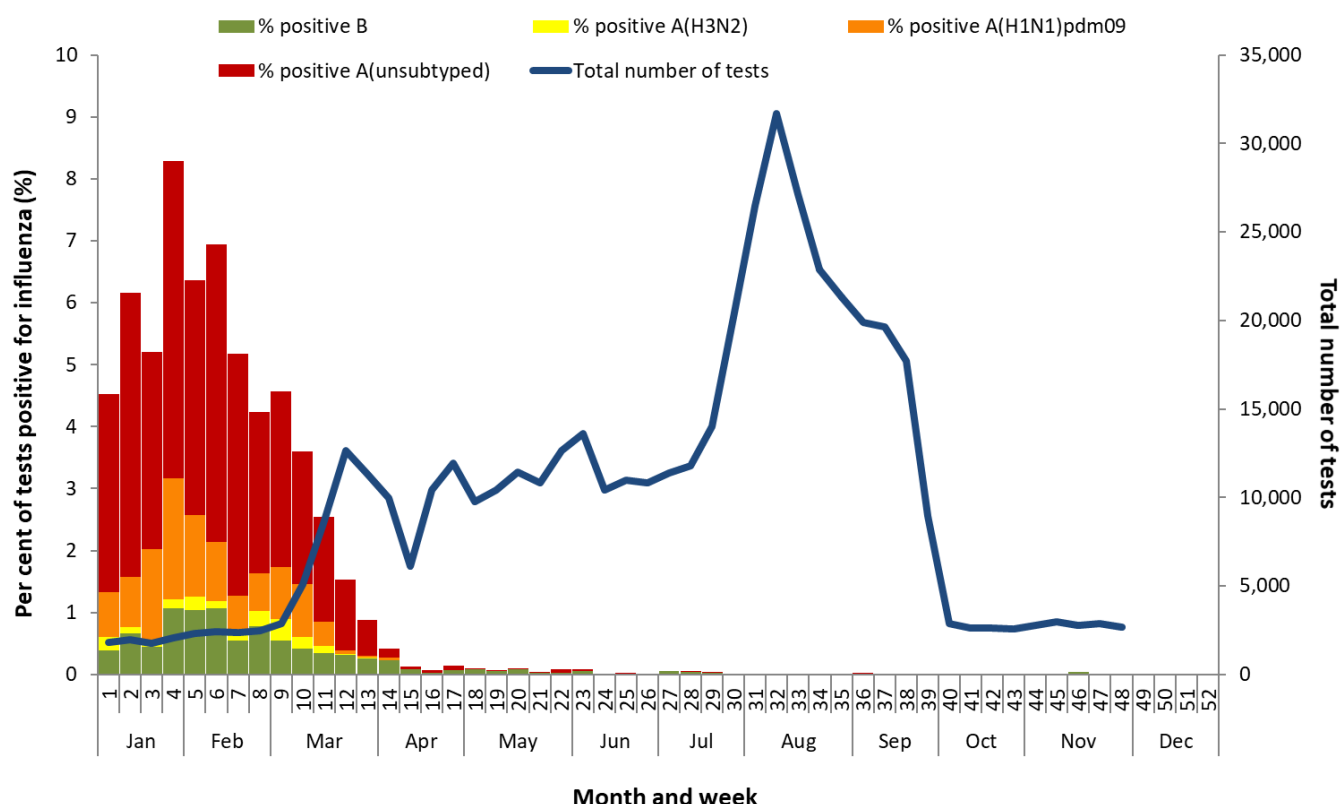
The percentage of tests positive for influenza in the interseasonal period should be interpreted with caution due to small numbers of tests being undertaken in this time, resulting in high variability in the indicators.

[#] South Australia data only includes specimens tested at SA Pathology. Data from the private laboratories for total number of specimens is not available.

Virology

- This fortnight (02 to 15 November 2020), there was one positive influenza sample detected in sentinel laboratories.
- In the year to date, 0.42% of samples detected in sentinel laboratories were positive for influenza. Of these 81.7% were influenza A (of which 78.3% were influenza A(unsubtyped), 18.0% were influenza A(H1N1)pdm09, 3.7% were influenza A(H3N2)), and 18.3% were influenza B (Figure 6).
- To-date, the most commonly detected respiratory viruses by laboratory site were:
 - Rhinovirus (for 90% of reporting period) by the Institute of Clinical Pathology and Medical Research in New South Wales (NSW);
 - Adenovirus (42%) and Rhinovirus (40%) in South Australia (SA);
 - Rhinovirus (96%) in Tasmania (TAS);
 - Picornavirus (92%) by Victorian Infectious Diseases Reference Laboratory (VIDRL); and
 - COVID-19 (23%) in Western Australia (WA).

Figure 6. Proportion of sentinel laboratory tests positive for influenza and total number of specimens tested, 01 January to 29 November 2020, by subtype and month and week*



Source: Sentinel laboratories

* Total number of tests include all specimens that were tested for influenza, including multiplex respiratory panels which include both influenza and SARS-CoV2. Testing methodologies in the response to COVID-19 vary across jurisdictions.

All data are preliminary and subject to change as updates are received.

The Influenza Complications Alert Network (FluCAN)

FluCAN conducts surveillance of severe influenza at sentinel hospitals across the country during the influenza season.

Activity

- This fortnight (16 to 29 November 2020), there were no confirmed influenza cases admitted to a participating FluCAN hospital. The last reported case admitted to a participating FluCAN hospital was in week 42.
- Since seasonal sentinel hospital surveillance began on 16 March 2020, the total number of people admitted to hospital with confirmed influenza (n=15) has been below historical trends (Figure 7).

Severity

- Of the 15 people with confirmed influenza admitted to sentinel hospitals since 16 March 2020, only one has been admitted to an intensive care unit (ICU).

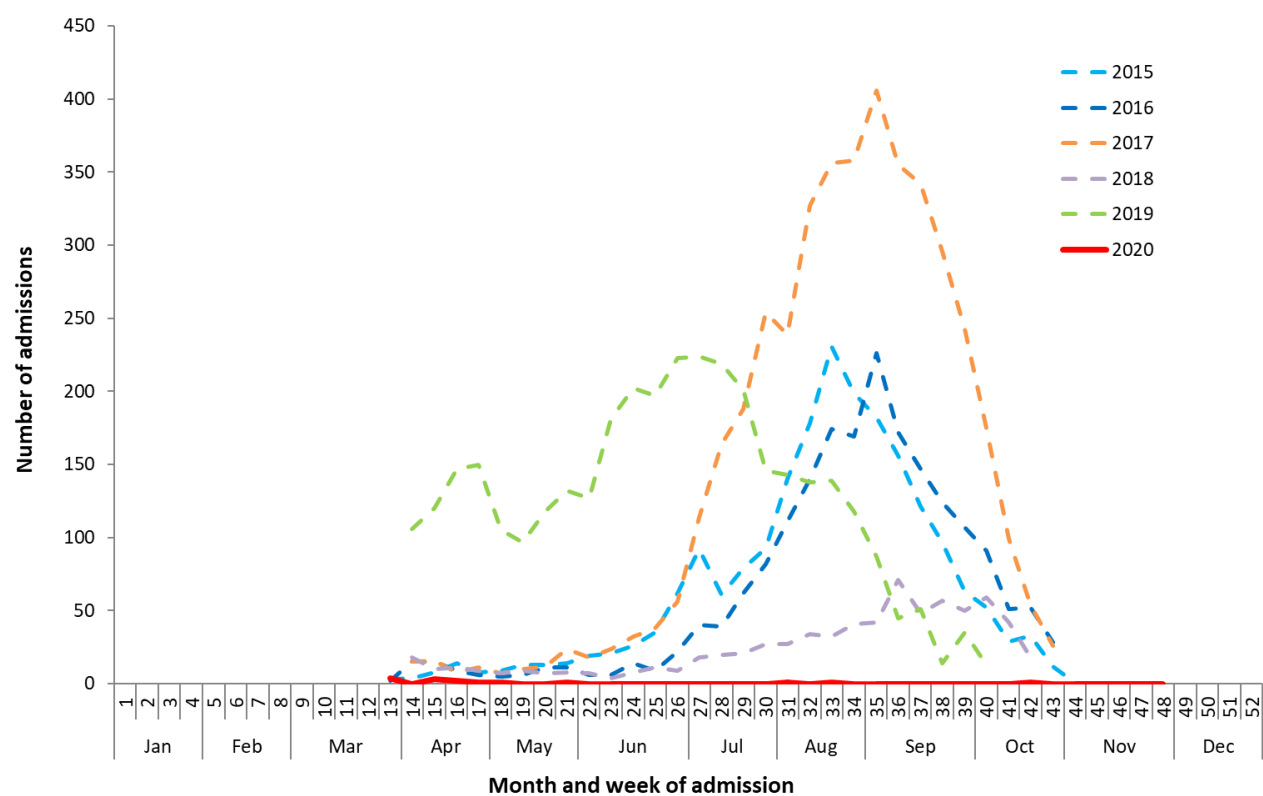
Virology

- Of the 15 confirmed influenza admissions to sentinel hospitals:
 - eleven were influenza A (four influenza A(H1N1)pdm09, six A(unsubtyped) and one A(H3N2)); and
 - four were influenza B (Figure 8).

At-risk Populations

- Of the 15 people admitted with confirmed influenza:
 - eight were children aged 15 years and younger, of which one was admitted to ICU;
 - four were aged between 16 and 64 years; and
 - three were aged 65 years and older.

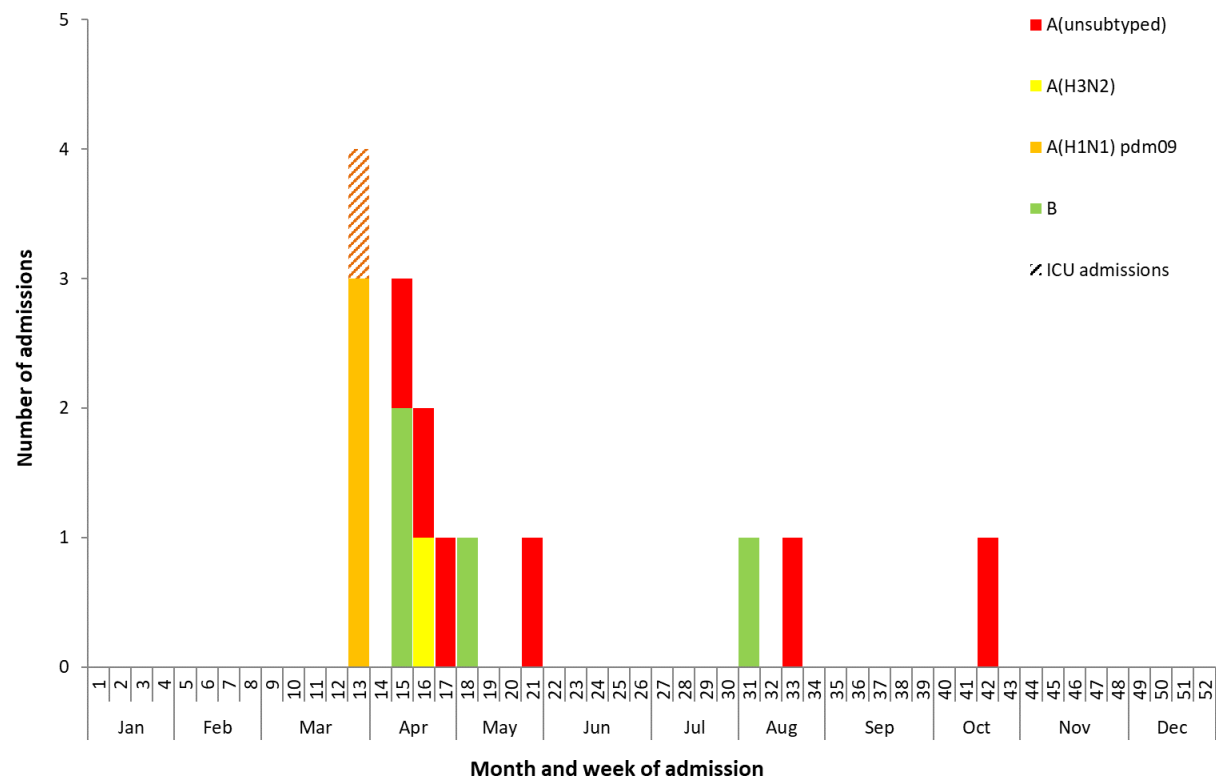
Figure 7. Number of influenza hospitalisations at sentinel hospitals, between March and November, 2015 to 2020 by month and week*



Source: FluCAN

* All data are preliminary and subject to change as updates are received.

Figure 8. Number of influenza hospitalisations at sentinel hospitals by subtype and ICU admission, 16 March to 29 November 2020, by month and week*



Source: FluCAN

* All data are preliminary and subject to change as updates are received.

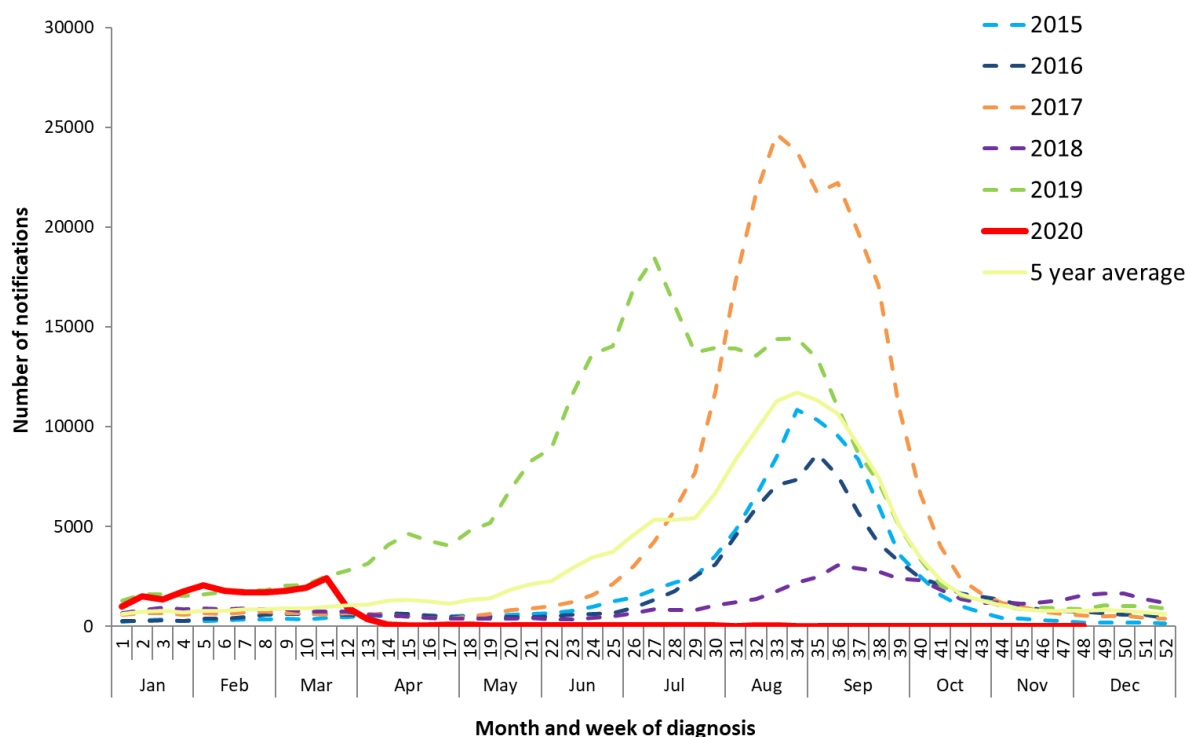
National Notifiable Diseases Surveillance System (NNDSS) Notifications

The NNDSS coordinates the national surveillance of more than 60 communicable diseases or disease groups. Notifications of laboratory-confirmed influenza are made to the States or Territory health authority and supplied daily to the Australian Government Department of Health via the NNDSS for collation, analysis and to assist in the coordination of public health responses.

Activity

- In the year to date, there have been 21,266 notifications of laboratory-confirmed influenza to the NNDSS.
- This fortnight (16 to 29 November 2020), there were 21 notifications.
- There was a steady increase in notifications from weeks 1 to 11 of 2020. From week 12, notifications have declined and remained low—well below the 5 year average (Figure 9).

Figure 9. Notifications of laboratory confirmed influenza, Australia, 01 January 2015 to 29 November 2020, by month and week of diagnosis*



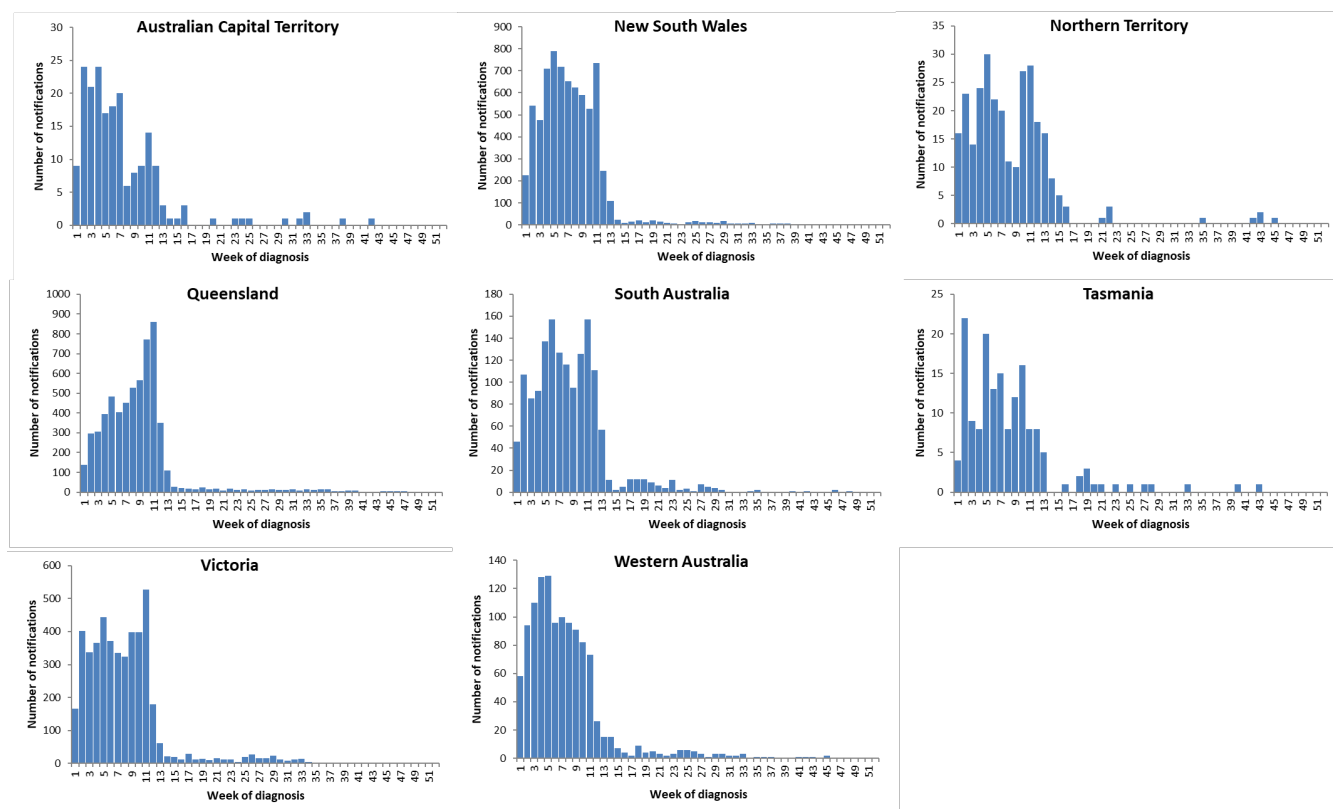
Source: NNDSS

*NNDSS notification data provided for the current and most recent weeks may be incomplete. All data are preliminary and subject to change as updates are received.

Geographical distribution of activity

- Notifications of influenza have declined across all jurisdictions and remain low compared to previous weeks (Figure 10).
- In the year to date, of the 21,266 notifications of influenza reported to the NNDSS, there have been:
 - 7,220 notifications in New South Wales (NSW);
 - 6,031 notifications in Queensland (QLD);
 - 4,648 notifications in Victoria (VIC);
 - 1,529 notifications in South Australia (SA);
 - 1,194 notifications in Western Australia (WA);
 - 284 notifications in the Northern Territory (NT);
 - 197 notifications in the Australian Capital Territory (ACT); and
 - 163 notifications in Tasmania (TAS).
- Year-to-date, the influenza notification rate was highest in Queensland (118 per 100,000 population) and the Northern Territory (115 per 100,000 population).

Figure 10. Notifications of laboratory confirmed influenza*, 01 January to 15 November 2020, by state or territory and week of diagnosis



Source: NNDSS

*NNDSS notification data provided for the current and most recent weeks may be incomplete. All data are preliminary and subject to change as updates are received.

For further information regarding influenza activity at the jurisdictional level, please refer to the following State and Territory health surveillance reports:

- ACT: [ACT Influenza Report](http://www.health.act.gov.au/about-our-health-system/population-health/winter-wellbeing-and-flu/flu-act) (www.health.act.gov.au/about-our-health-system/population-health/winter-wellbeing-and-flu/flu-act)
- NSW: [Influenza Surveillance Report](http://www.health.nsw.gov.au/Infectious/Influenza/Pages/reports.aspx) (<http://www.health.nsw.gov.au/Infectious/Influenza/Pages/reports.aspx>)
- QLD: [Statewide Weekly Influenza Surveillance Report](https://www.health.qld.gov.au/clinical-practice/guidelines-procedures/diseases-infection/surveillance/reports/flu) (<https://www.health.qld.gov.au/clinical-practice/guidelines-procedures/diseases-infection/surveillance/reports/flu>)
- SA: [Weekly Epidemiological Summary](http://www.sahealth.sa.gov.au/wps/wcm/connect/public+content/sa+health+internet/about+us/health+statistics/surveillance+of+notifiable+conditions) (Influenza section) (<http://www.sahealth.sa.gov.au/wps/wcm/connect/public+content/sa+health+internet/about+us/health+statistics/surveillance+of+notifiable+conditions>)
- TAS: [fluTAS Reports](http://www.dhhs.tas.gov.au/publichealth/communicable_diseases_prevention_unit) (http://www.dhhs.tas.gov.au/publichealth/communicable_diseases_prevention_unit)
- VIC: [Influenza Surveillance Reports](https://www2.health.vic.gov.au/public-health/infectious-diseases/infectious-diseases-surveillance/seasonal-influenza-reports) (<https://www2.health.vic.gov.au/public-health/infectious-diseases/infectious-diseases-surveillance/seasonal-influenza-reports>)
- WA: [Virus WATch](http://ww2.health.wa.gov.au/Articles/F_I/Infectious-disease-data/Virus-Watch) (http://ww2.health.wa.gov.au/Articles/F_I/Infectious-disease-data/Virus-Watch)

Severity

- So far in 2020, of the 21,266 notifications of laboratory confirmed influenza, 37 (0.17%) laboratory-confirmed influenza-associated deaths have been notified to the NNDSS.
- One additional death was notified this past fortnight. This case was recently classified as a influenza death associated death from January 2020.
- Of the 37 deaths, 95% (n=35) were associated with influenza A (twenty-seven influenza A(unsubtyped); seven influenza A(H1N1); one influenza A(H3N2)), with 5% (n=2) of deaths associated with influenza B.
- Of the notified deaths, one was in a child aged younger than 5 years, eight were aged between 20 and 64 years, and 28 were aged 65 years and older. The median age of notified deaths was 78 years.

Note that the number of influenza-associated deaths reported to the NNDSS does not represent the true mortality associated with this disease. The number of deaths is reliant on the follow up of cases to determine the outcome of their infection. The follow up of cases is not a requirement of notification, and are only inclusive of laboratory-confirmed cases of influenza. Due to retrospective revision, the variation across jurisdictions in methodology, representativeness and timeliness of death data, and reporting of an outcome of infection not being a requirement of notification, year on year comparisons of deaths in notified cases of influenza may not be reliable.

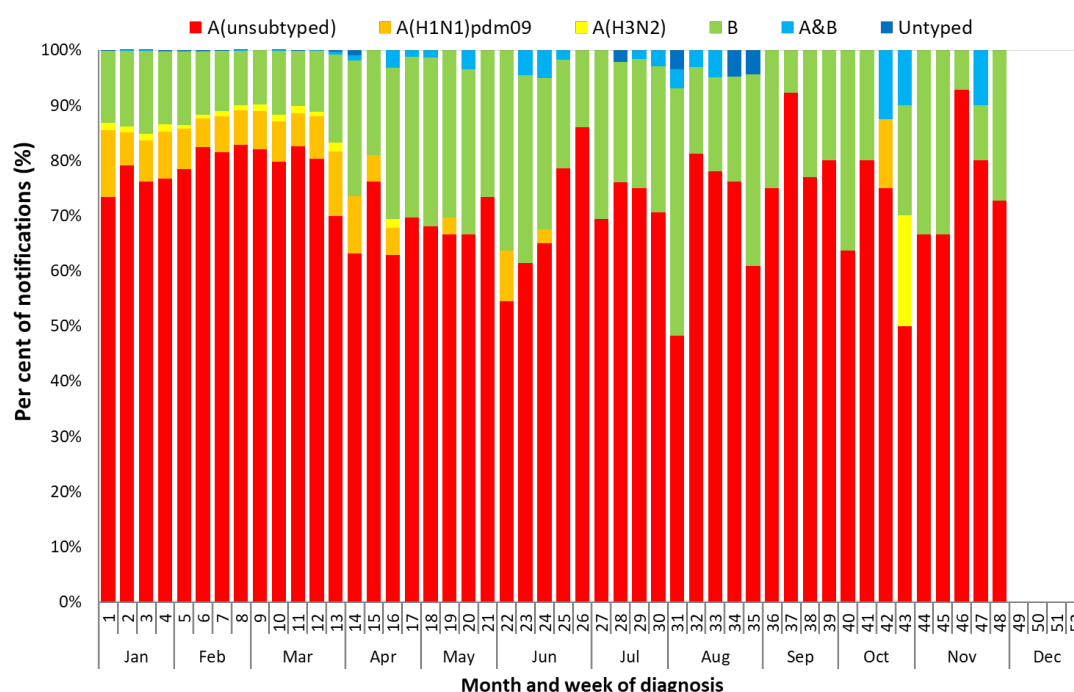
Virology

- This fortnight (16 to 29 November 2020), of the 21 notifications of laboratory-confirmed influenza reported to the NNDSS, 76.2% (n=16) were influenza A (of which 100% (n=16) were A(unsubtyped)), 19.0% (n=4) were influenza B. and 4.8% (n=1) was an A&B co-infection.
- In the year to date, 87.1% of notifications of laboratory-confirmed influenza to the NNDSS were influenza A (of which, 91.1% were influenza A(unsubtyped), 7.8% were influenza A(H1N1)pdm09 and 1.2% were influenza A(H3N2)), 12.6% were influenza B, and less than 1% were influenza A&B co-infections or untyped (Figure 11). This compares to 2019, where influenza A(H3N2) was predominantly circulating.
- In the year to date, the proportion of all notifications reported as influenza A has been fairly similar across jurisdictions (Figure 12), ranging from 86.5% in Tas to 90.1% in NT, with the exception of SA (79.3%).

At-risk Populations

- In the year to date, notification rates have been highest in children aged less than 10 years (115.6 notifications per 100,000), while rates in adults aged 65 years or older (73.8 notifications per 100,000) have been low (Figure 13) compared to 2019.
- In the year to date, influenza A accounted for the greatest number of notifications across all age groups.
- Where further subtyping information was available, in the year to date, notifications were highest in:
 - adults aged 80 years and over (7.9 per 100,000) and children aged less than five years (9.0 per 100,000) for influenza A(H1N1)pdm09;
 - adults aged 85 years and older (2.5 per 100,000) for influenza A(H3N2); and
 - children aged 5 to 9 years (19.3 per 100,000) for influenza B.

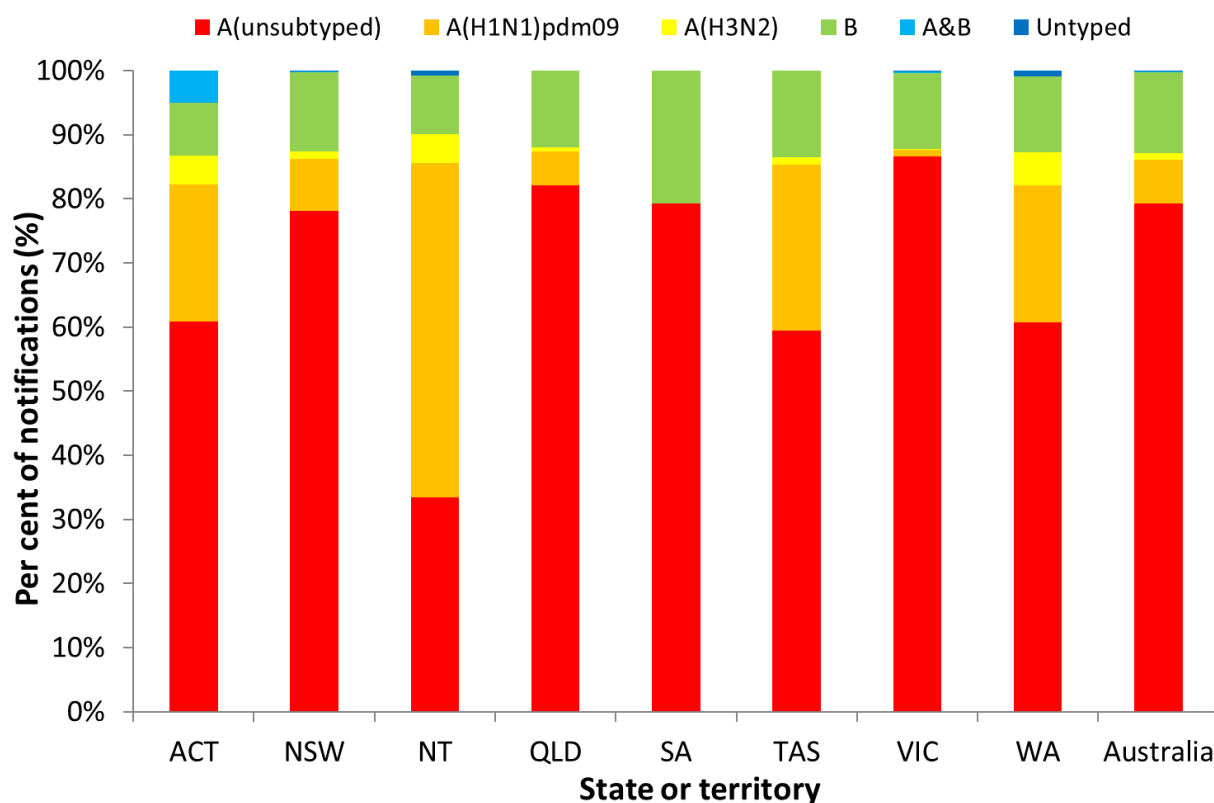
Figure 11. Per cent of laboratory confirmed influenza, Australia, 01 January to 29 November 2020 by subtype and week of diagnosis*



Source: NNDSS

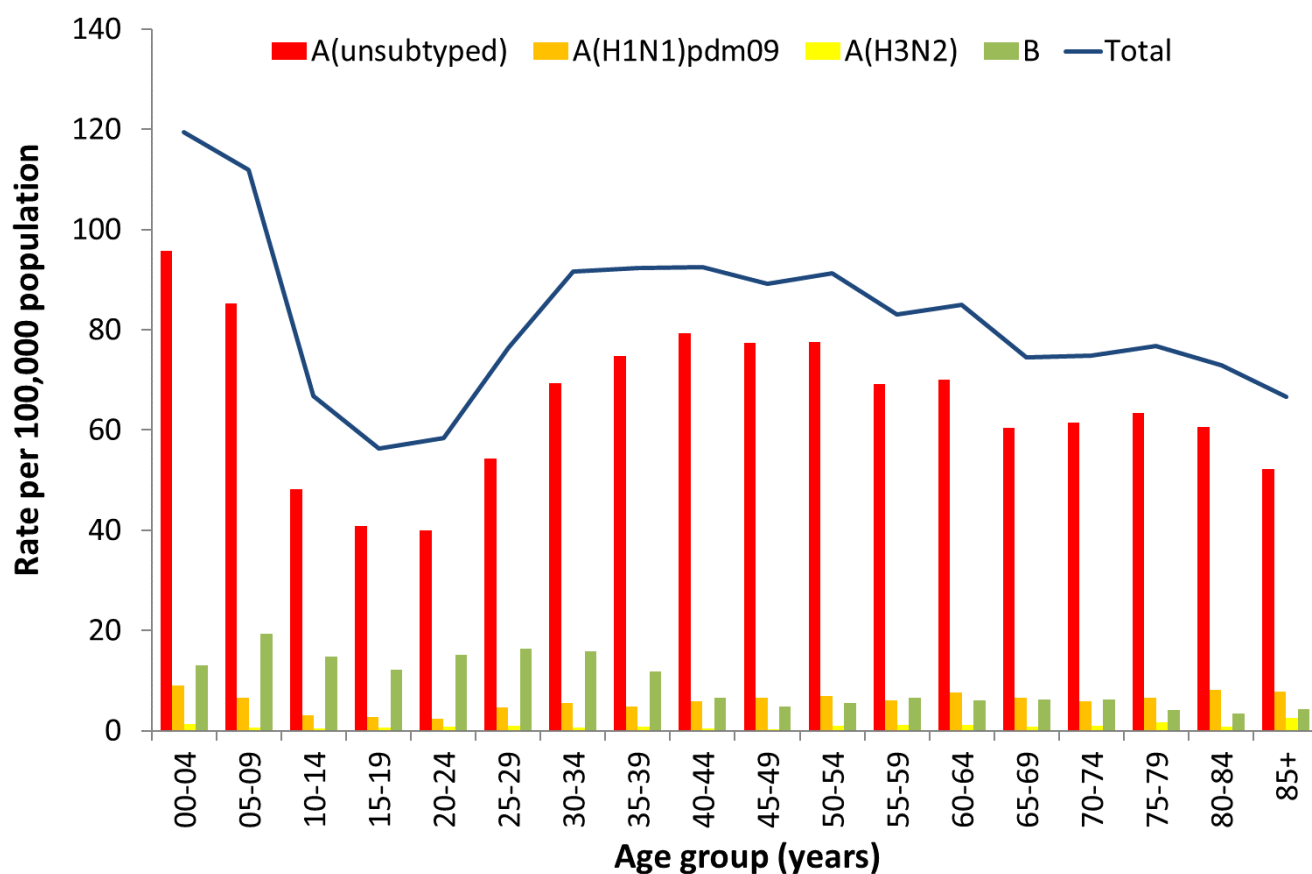
*NNDSS notification data provided for the current and most recent weeks may be incomplete. All data are preliminary and subject to change as updates are received.

Figure 12. Per cent of notifications of laboratory confirmed influenza, Australia, 01 January to 29 November 2020, by subtype and state or territory



Source: NNDSS

Figure 13. Rate of notifications of laboratory confirmed influenza, Australia, 01 January to 29 November 2020, by age group and subtype



Source: NNDSS

World Health Organization Collaborating Centre (WHOCC) for Reference and Research on Influenza

The WHOCC monitors the frequent changes in influenza viruses with the aim of reducing the impact of influenza through the use of vaccine containing currently circulating strains.

Australian Influenza Vaccines Composition 2020

In 2020 all seasonal influenza vaccinations registered for use in Australia are quadrivalent influenza vaccines (QIVs). The influenza virus strains included in the 2020 seasonal influenza vaccines in Australia are:

- A/Brisbane/02/2018 (H1N1)pdm09-like virus;
- A/South Australia/34/2019 (H3N2)-like virus;
- B/Washington/02/2019-like (B/Victoria lineage) virus; and
- B/Phuket/3073/2013-like (B/Yamagata lineage) virus.

The best way to determine how well the vaccine protects against circulating viruses during the season is by determining the vaccine effectiveness. These estimates provide an indication of how effective the vaccine was in providing protection against influenza infection. Vaccine effectiveness is usually estimated from observational studies and is calculated after the end of the influenza season, though interim analyses are sometimes available where there is sufficient data.

Virology

- From 01 January to 30 November 2020, the WHOCC characterised 306 influenza viruses (Table 1). Of these, 91.5% were influenza A (of which, 87.9% were A(H1N1)pdm09 and 12.1% A(H3N2)), 8.2% were influenza B/Victoria lineage, and 0.3% were influenza B/Yamagata lineage.

Vaccine match

- Of the 306 isolates characterised for similarity to their corresponding vaccine components by haemagglutination inhibition (HI) assay (Table 1):
 - 44% of influenza A(H1N1)pdm09 isolates were antigenically similar to the corresponding vaccine components and 56% were characterised as low reactors;
 - 65% of influenza A(H3N2) isolates were antigenically similar to the corresponding vaccine components and 35% were characterised as low reactors;
 - Of the 25 influenza B/Victoria isolates, all were antigenically similar to the corresponding vaccine component; and
 - The one influenza B/Yamagata isolate characterised year to date was antigenically similar to the corresponding vaccine component.

Table 1. Australian influenza viruses typed by HI from the WHOCC, 01 January to 30 November 2020*

Type/Subtype	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	TOTAL
A(H1N1) pdm09	33	28	43	19	12	10	76	25	246
A(H3N2)	4	4	7	5	4	0	8	2	34
B/Victoria lineage	1	2	0	9	0	2	7	4	25
B/Yamagata lineage	0	0	0	0	0	0	1	0	1
Total	38	34	50	33	16	12	92	31	306

SOURCE: WHOCC

* Viruses tested by the WHO CC are not necessarily a random sample of all those in the community. State indicates the residential location for the individual tested, not the submitting laboratory. There may be up to a month delay on reporting of samples.

Antiviral Resistance

- The WHOCC reported that from 01 January to 30 November 2020, two of the 323 influenza viruses tested for neuraminidase inhibitor resistance, demonstrated reduced inhibition to Oseltamivir.

Data considerations

This report presents an overview of influenza activity based on a number of complimentary systems. No one single system, including notification data, provides the full picture on influenza, because influenza is a common disease and its presenting symptoms are non-specific. The epidemiology of influenza is informed by a number of different systems based in the community, laboratories, primary care and hospitals, as well as notifiable diseases data, which includes officially reported deaths. The information in this report is reliant on the surveillance sources available to the Department of Health at the time of production.

Data in this summary is reported by International Organization for Standardization (ISO) 8601 weeks, with the week ending on Sunday. Throughout the summary, where the year to date is presented, this includes data from 1 January to 29 November 2020. NNDSS data is analysed and reported based on diagnosis date, which is the true onset date of a case if known, otherwise it is the earliest of the specimen date, the notification date or the notification received date. NNDSS data were extracted on 02 December 2020. Due to the dynamic nature of the NNDSS and other surveillance systems, data in this report are subject to retrospective revision and may vary from data reported in other national reports and reports by states and territories. Detailed notes on interpreting the data presented in this report are available at the Department of Health's [Australian Influenza Surveillance Report website](http://www.health.gov.au/flureport) (www.health.gov.au/flureport).

While every care has been taken in preparing this report, the Commonwealth does not accept liability for any injury or loss or damage arising from the use of, or reliance upon, the content of the report. Delays in the reporting of data may cause data to change retrospectively. For further details about information contained in this report please contact the [Influenza Surveillance Team](mailto:flu@health.gov.au) (flu@health.gov.au).