

Section 1: Summary

For week 13 all Zones report some level of influenza activity.

South	▪ Sporadic activity.
Calgary	▪ Localized activity.
Central	▪ Sporadic activity.
Edmonton	▪ Sporadic activity.
North	▪ Sporadic activity.



Section 2: Outbreaks

There is one new influenza outbreak to report this week. There was one influenza B outbreak in week 12. There have been 87 influenza outbreaks this season.

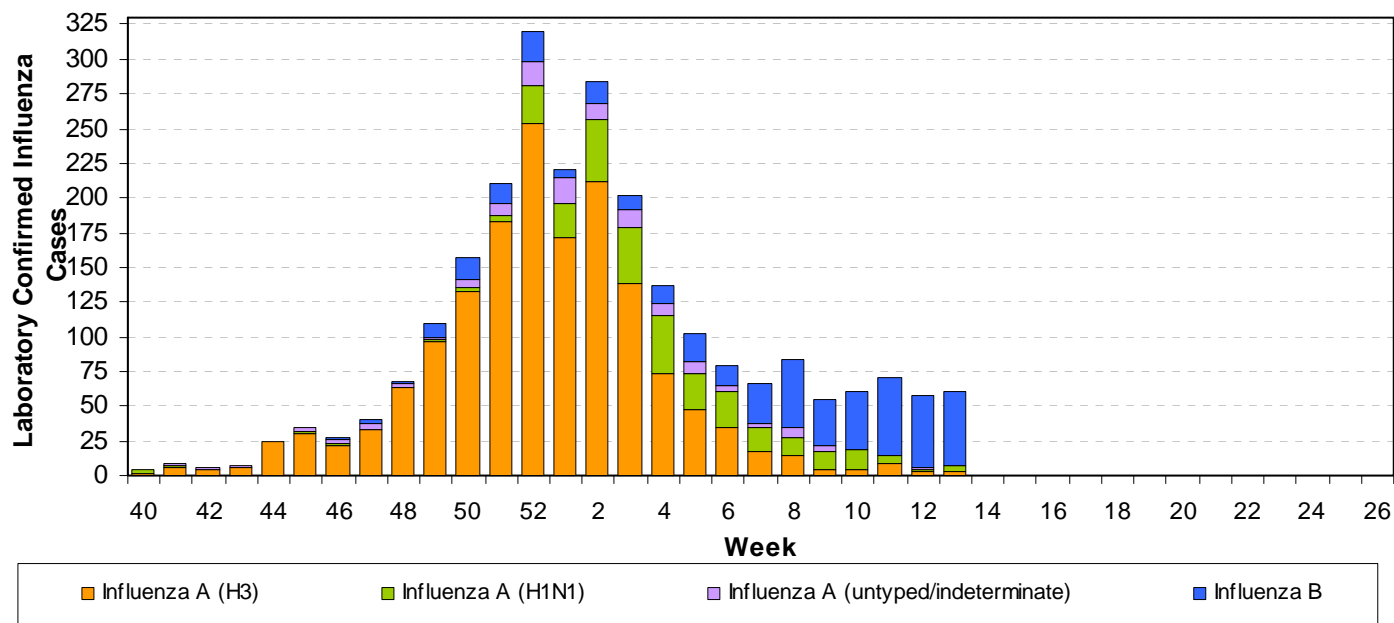
Reported Outbreaks of Influenza, 2012/13

Zone	Current Week	YTD
South	0	12
Calgary	1	19
Central	0	5
Capital	0	40
North	0	11
Alberta	1	87

Section 3: Isolates

In the 2012/13 influenza season, the Provincial Laboratory for Public Health (PLPH) reported 2,499 Influenza A cases and 410 Influenza B cases to Alberta Health. There were 61* lab confirmed influenza cases reported to Alberta Health in week 13 and 58 reported in week 12. While influenza A has been the dominant strain for the bulk of the season, the majority of influenza cases in recent weeks has been due to influenza B.

Laboratory Confirmed Influenza Cases by Strain Type, 2012/13

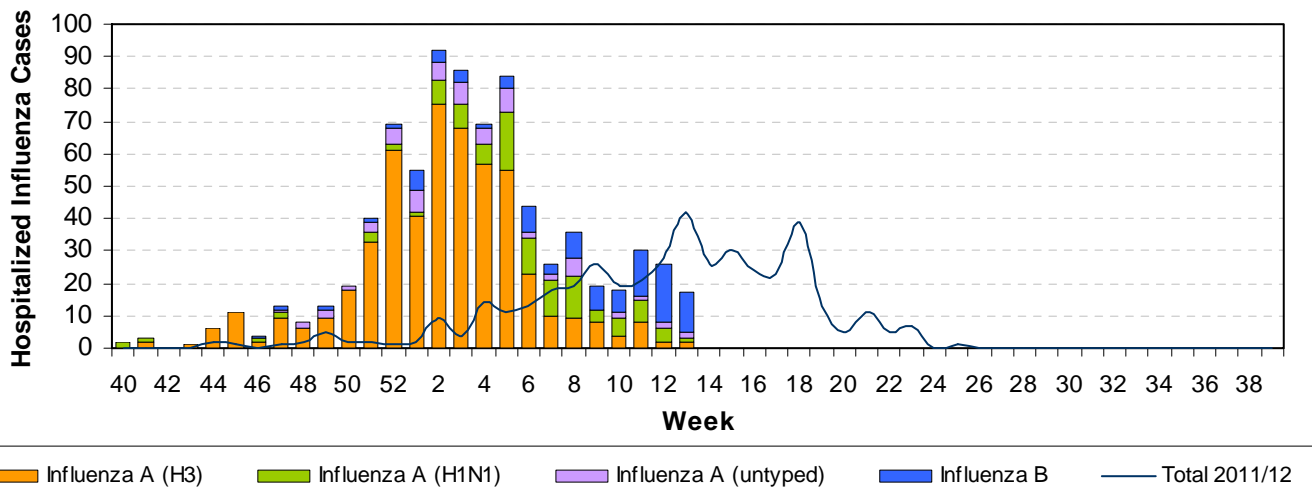


*preliminary values

Section 4: Hospitalizations

There were 17* new hospitalized cases of influenza reported in week 13, and 26 confirmed hospitalized cases in week 12. There have been 791 hospitalized cases in total for this influenza season.

Hospitalized Influenza Cases by Influenza Strain Type, 2012/13



*preliminary values

Section 5: Influenza-Like Illness – TARRANT-Week 12

Sentinel physicians report cases of ILI seen in their practices. 19 cases of influenza like illness (ILI) were seen in week 13 and 21 cases were seen in week 11.

Zone	Sentinal Doctors (#)	Sentinal Recorders this Week (#)	Patients Seen (#)	ILI Cases (#)	Patients with ILI (%)
South	9	5	330	3	0.9%
Calgary	41	19	1,266	13	1.0%
Central	18	16	674	1	0.1%
Edmonton	10	6	605	2	0.3%
North	6	0	0	0	0.0%
Alberta	84	46	2,875	19	0.7%

For more information, please go to the website: <http://www.tarrantviralwatch.ca/>

Section 7: Antiviral Resistance

- A probable case of oseltamivir-resistant influenza was reported to Alberta Health in week 9. The sample, isolated in Calgary, has been sent to the National Microbiology Laboratory for confirmatory testing. This is the first resistant isolate found in the 2012/13 influenza season.
- In the 2011/12 season there were 10 isolates found to be resistant to amantadine. No isolates were resistant to zanamivir or oseltamivir.

Section 6: Canadian and International Influenza Activity

The following links provide access to other websites related to influenza and ILI.

Canada – FluWATCH www.phac-aspc.gc.ca/fluwatch/index-eng.php

World Health Organization www.who.int/topics/influenza/en/

USA – CDC www.cdc.gov/flu/weekly/