

Section 1: Summary

For week 6 all Zones report some level of influenza activity.

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



Section 2: Outbreaks

There are no new influenza outbreaks to report this week. There were a total of 2 outbreaks in week 6. There have been 78 influenza outbreaks this season.

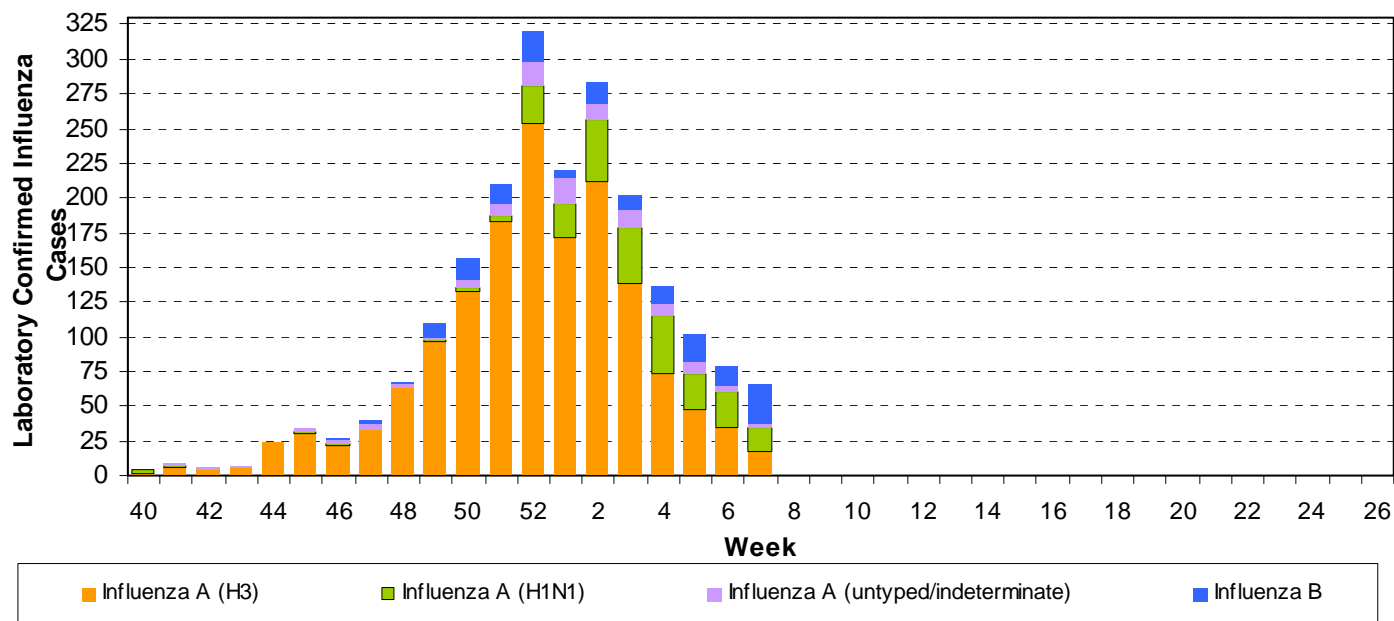
Reported Outbreaks of Influenza, 2012/13

Zone	Current Week	YTD
South	0	12
Calgary	0	18
Central	0	4
Capital	0	33
North	0	11
Alberta	0	78

Section 3: Isolates

In the 2012/13 influenza season, the Provincial Laboratory for Public Health (PLPH) has reported 1933 Influenza A cases and 178 Influenza B cases to Alberta Health. There were 79 lab confirmed influenza cases reported to Alberta Health in week 6 and 67* lab reported in week 7. Note that the number of Influenza B cases has increased from week 6 to week 7.

Laboratory Confirmed Influenza Cases by Strain Type, 2012/13

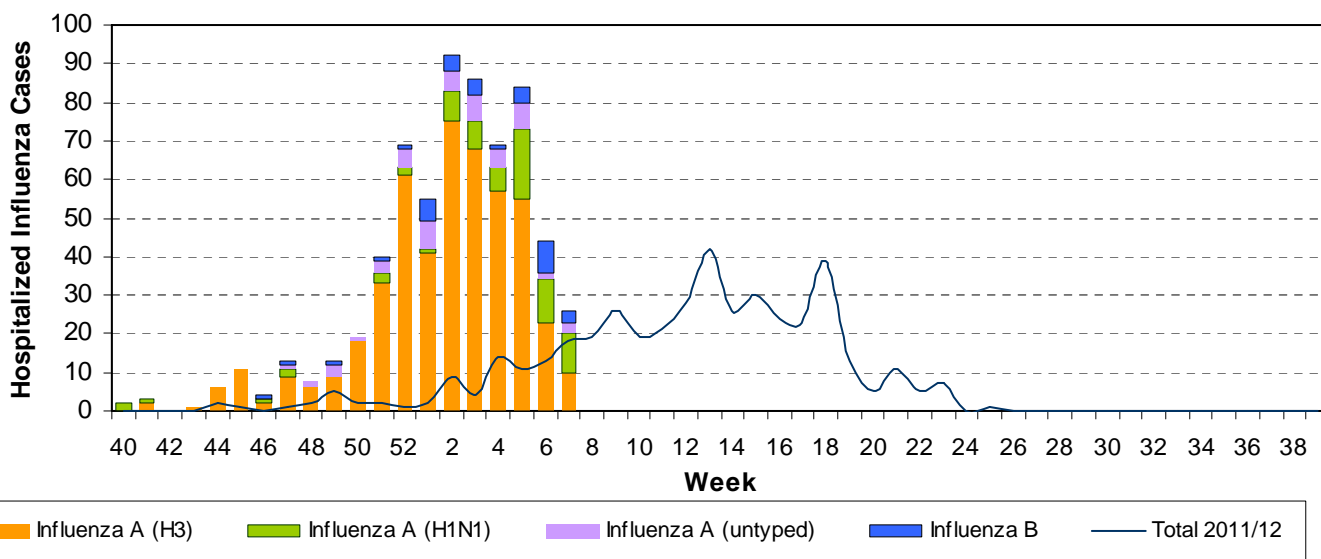


*preliminary values

Section 4: Hospitalizations

There were 26* new hospitalized cases of influenza reported in week 7, and 44 confirmed hospitalized cases in week 6. There have been 645 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 7

Sentinel physicians report cases of ILI seen in their practices. 38 cases of influenza like illness (ILI) were seen in week 6 and 16 cases of influenza like illness (ILI) were seen in week 7.

Zone	Sentinal Doctors (#)	Sentinal Recorders this Week (#)	Patients Seen (#)	ILI Cases (#)	Patients with ILI (%)
South	8	4	304	3	1.0%
Calgary	35	23	1695	12	0.7%
Central	17	14	542	0	0.0%
Edmonton	10	3	340	0	0.0%
North	5	1	73	1	1.4%
Alberta	75	45	2954	16	0.5%

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

Section 7: Antiviral Resistance

- There have been no influenza isolates identified that are resistant to amantadine, zanamivir or oseltamivir in the 2012/13 influenza season.
- In the 2011/12 season there were 10 isolates that were resistant to amantadine and 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/