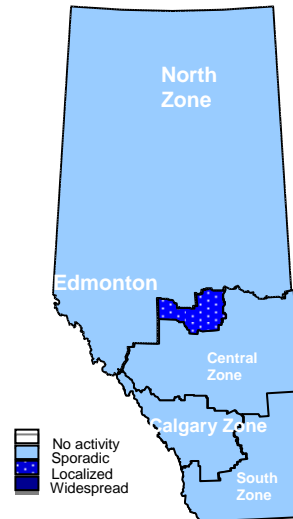


Section 1: Summary

For week 8 all Zones report some level of influenza activity.

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



Section 2: Outbreaks

There is one new influenza outbreak to report this week. There were a total of 0 outbreaks in week 8. There have been 79 influenza outbreaks this season.

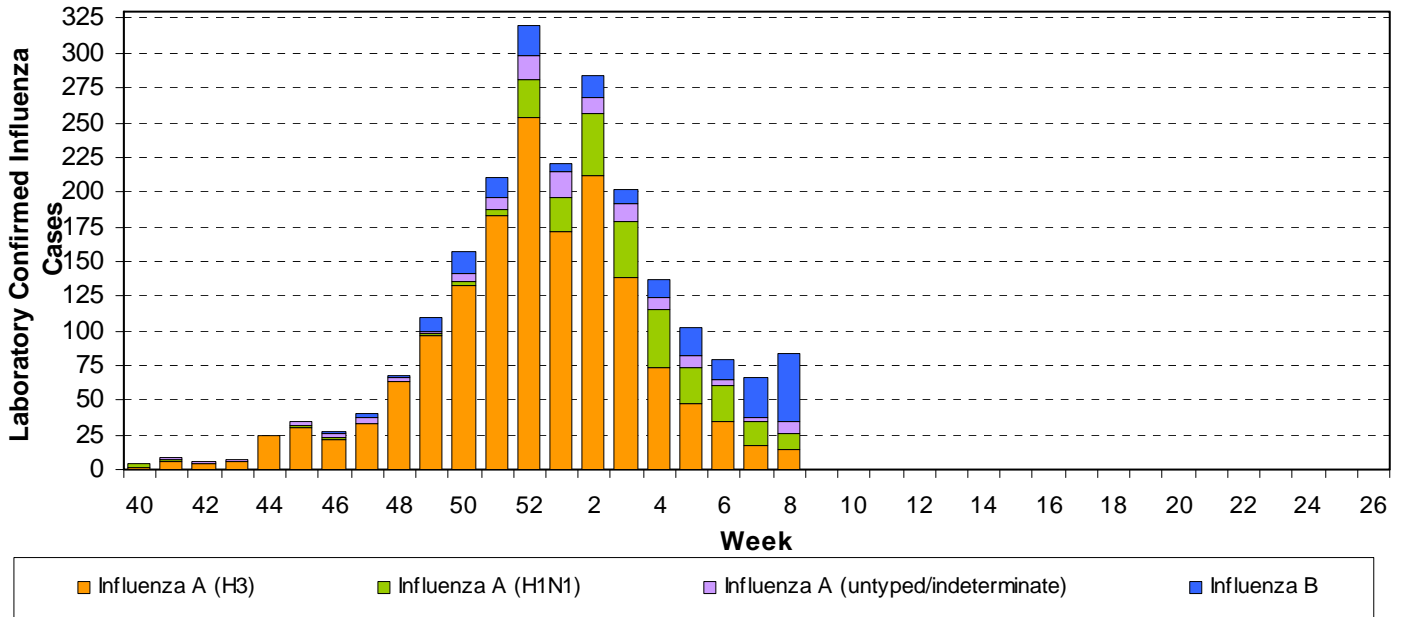
Reported Outbreaks of Influenza, 2012/13

Zone	Current Week	YTD
South	0	12
Calgary	0	18
Central	0	4
Capital	1	34
North	0	11
Alberta	1	79

Section 3: Isolates

In the 2012/13 influenza season, the Provincial Laboratory for Public Health (PLPH) has reported 1967 Influenza A cases and 228 Influenza B cases to Alberta Health. There were 67 lab confirmed influenza cases reported to Alberta Health in week 7 and 85* lab reported in week 8. Note that the number of Influenza B cases has increased between week 6 and week 8.

Laboratory Confirmed Influenza Cases by Strain Type, 2012/13

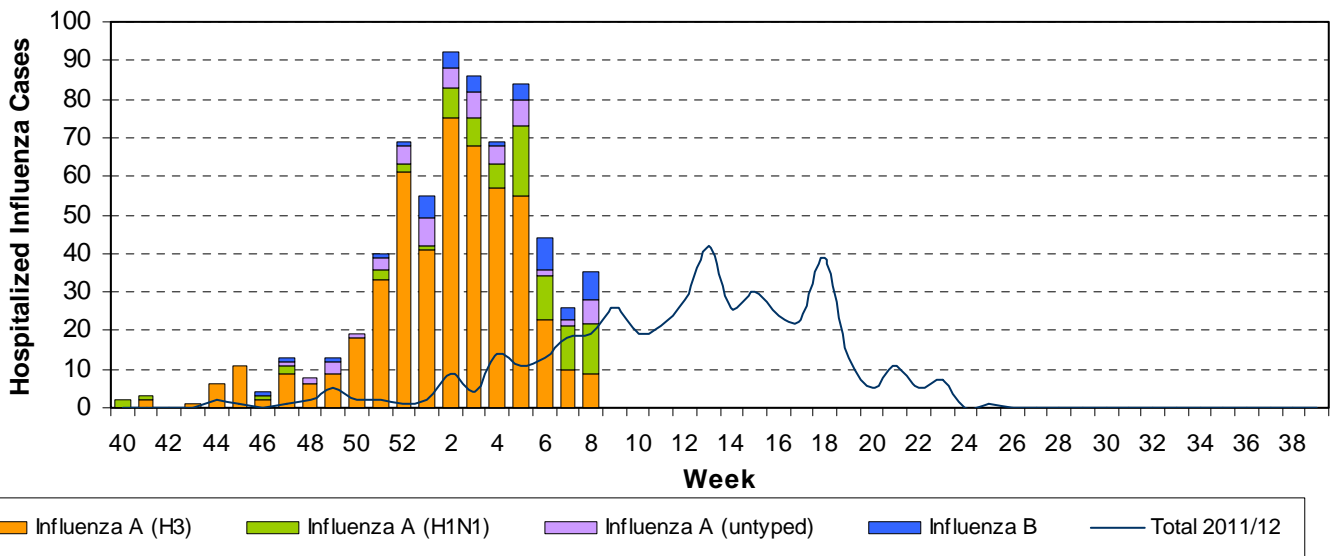


*preliminary values

Section 4: Hospitalizations

There were 35* new hospitalized cases of influenza reported in week 8, and 26 confirmed hospitalized cases in week 7. There have been 680 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 8

Sentinel physicians report cases of ILI seen in their practices. 20 cases of influenza like illness (ILI) were seen in week 8 and 18 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	273	7	2.6%
Calgary	36	22	1333	5	0.4%
Central	17	15	545	1	0.2%
Edmonton	10	6	427	0	0.0%
North	5	3	129	7	5.4%
Alberta	76	50	2707	20	0.7%

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/