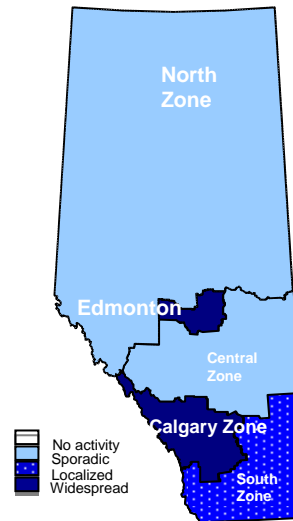


Section 1: Summary

Please note: due to the high number of influenza laboratory reports and hospitalized cases of influenza, the following numbers are preliminary and subject to change.

For week 52 all Zones report some level of influenza activity.

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



Section 2: Outbreaks

There are eight new outbreaks to report this week. Including the outbreaks reported in week 52 there have been 36 influenza outbreaks this season.

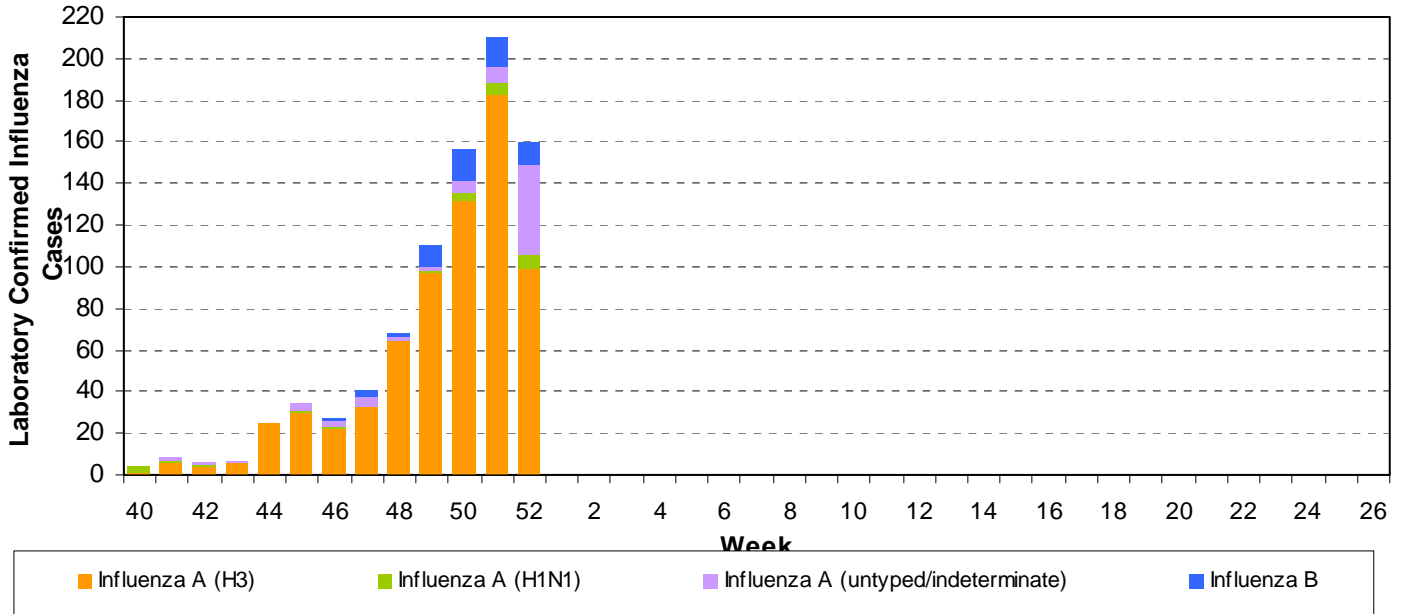
Reported Outbreaks of Influenza, 2012/13

Zone	Current Week	YTD
South	1	3
Calgary	2	7
Central	0	1
Edmonton	5	22
North	0	3
Alberta	8	36

Section 3: Isolates

In the 2012/13 influenza season, the Provincial Laboratory for Public Health (PLPH) has reported 801 Influenza A cases and 56 Influenza B cases to Alberta Health. In week 52 there were 159* lab confirmed influenza cases reported to Alberta Health.

Laboratory Confirmed Influenza Cases by Strain Type, 2012/13

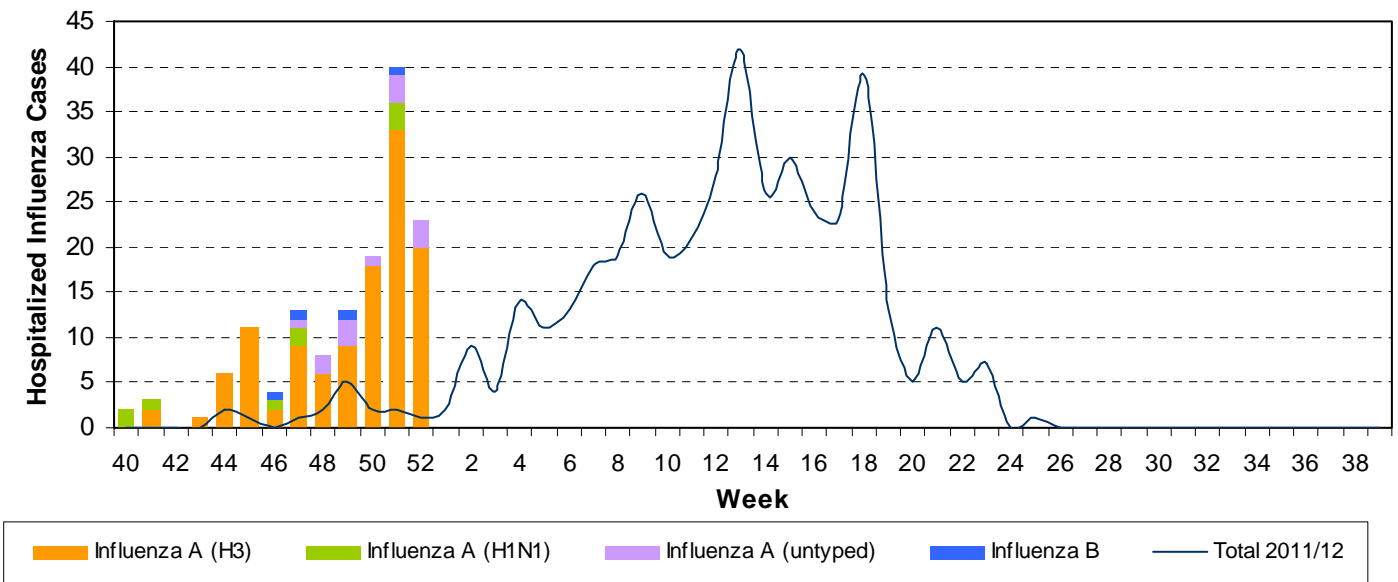


*preliminary numbers

Section 4: Hospitalizations

There are 23* new hospitalized cases of influenza reported in week 52. There are 143 hospitalized cases in total for this influenza season.

Hospitalized Influenza Cases by Influenza Strain Type, 2012/13



*preliminary numbers

Section 5: Influenza-Like Illness – TARRANT-Week 52

Sentinel physicians report cases of ILI seen in their practices. 23 cases of influenza like illness (ILI) were seen in week 52.

Zone	Sentinal Doctors (#)	Sentinal Recorders this week (#)	Patients Seen (#)	ILI Cases (#)	Patients with ILI (%)
South	8	2	70	0	0.0%
Calgary	32	16	498	22	4.4%
Central	16	3	139	0	0.0%
Edmonton	10	4	82	1	1.2%
North	7	1	14	0	0.0%
Alberta	73	26	803	23	2.9%

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/