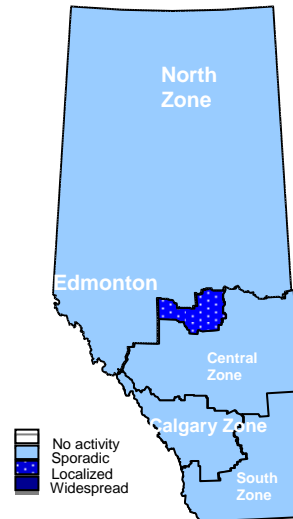


**Section 1: Summary**

For week 9 all Zones report some level of influenza activity.

<b>South</b>	▪ Sporadic activity.
<b>Calgary</b>	▪ Sporadic activity.
<b>Central</b>	▪ Sporadic activity.
<b>Edmonton</b>	▪ Localized activity.
<b>North</b>	▪ Sporadic activity.



**Section 2: Outbreaks**

There is one new influenza outbreak to report this week. There was one outbreak in week 8. There have been 80 influenza outbreaks this season.

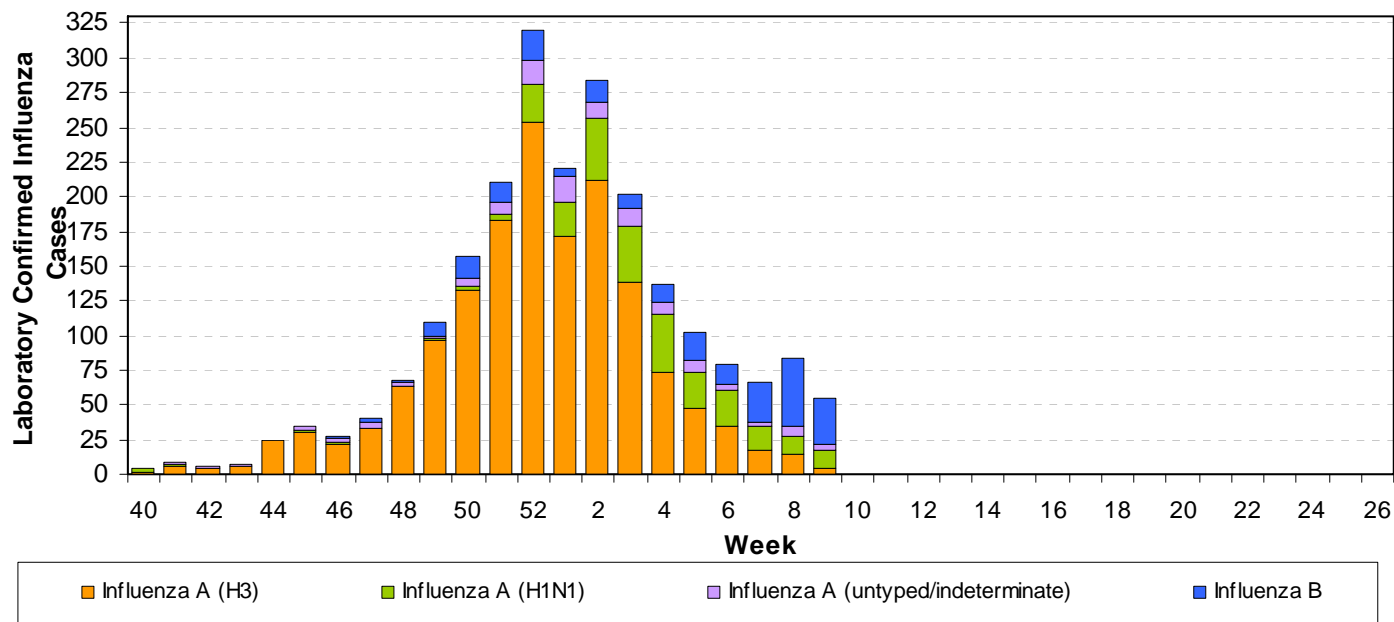
**Reported Outbreaks of Influenza, 2012/13**

Zone	Current Week	YTD
South	0	12
Calgary	0	18
Central	0	4
Capital	1	35
North	0	11
Alberta	1	80

**Section 3: Isolates**

In the 2012/13 influenza season, the Provincial Laboratory for Public Health (PLPH) reported 1988 Influenza A cases and 262 Influenza B cases to Alberta Health. There were 84 lab confirmed influenza cases reported to Alberta Health in week 8 and 55\* reported in week 9.

**Laboratory Confirmed Influenza Cases by Strain Type, 2012/13**

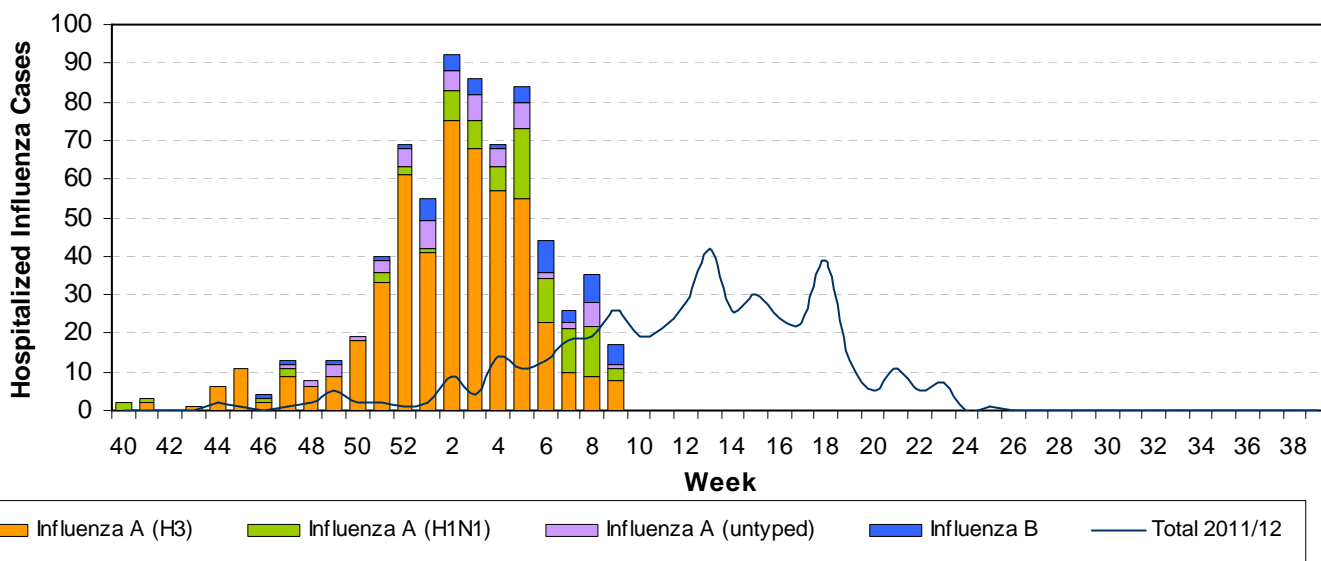


\*preliminary values

**Section 4: Hospitalizations**

There were 17\* new hospitalized cases of influenza reported in week 9, and 35 confirmed hospitalized cases in week 8. There have been 697 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 9

Sentinel physicians report cases of ILI seen in their practices. 42 cases of influenza like illness (ILI) were seen in week 9 and 20 cases were seen in week 8.

Zone	Sentinal Doctors (#)	Sentinal Recorders this Week (#)	Patients Seen (#)	ILI Cases (#)	Patients with ILI (%)
South	8	4	334	2	0.6%
Calgary	40	26	1766	21	1.2%
Central	17	15	626	3	0.5%
Edmonton	10	7	472	4	0.8%
North	5	3	235	12	5.1%
Alberta	80	55	3433	42	1.2%

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

### Section 7: Antiviral Resistance

- A probable case of oseltamivir-resistant influenza has been reported to Alberta Health. 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](http://www.phac-aspc.gc.ca/fluwatch/index-eng.php)

World Health Organization [www.who.int/topics/influenza/en/](http://www.who.int/topics/influenza/en/)

USA – CDC [www.cdc.gov/flu/weekly/](http://www.cdc.gov/flu/weekly/)