

**Section 1: Summary**

For week 15 all Zones report some level of influenza activity.

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



**Section 2: Outbreaks**

There was one new influenza outbreak to report in week 15 (influenza B). There was one influenza B outbreak in week 14. There have been 89 influenza outbreaks this season.

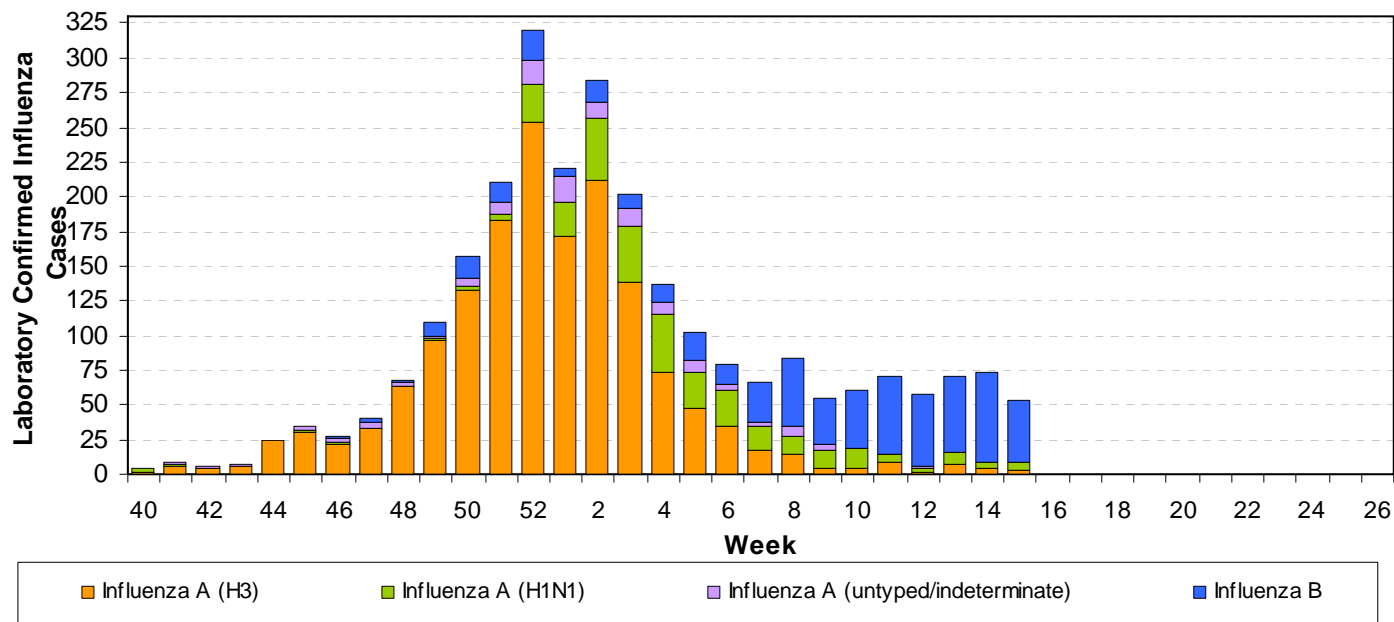
**Reported Outbreaks of Influenza, 2012/13**

Zone	Current Week	YTD
South	0	12
Calgary	0	20
Central	1	6
Capital	0	40
North	0	11
Alberta	1	89

### Section 3: Isolates

In the 2012/13 influenza season, the Provincial Laboratory for Public Health (PLPH) reported 2,061 Influenza A cases and 573 Influenza B cases to Alberta Health. There were 53\* lab confirmed influenza cases reported to Alberta Health in week 15 and 73 reported in week 14. While influenza A has been the dominant strain for the bulk of the season, the majority of influenza cases in recent weeks have been due to influenza B.

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

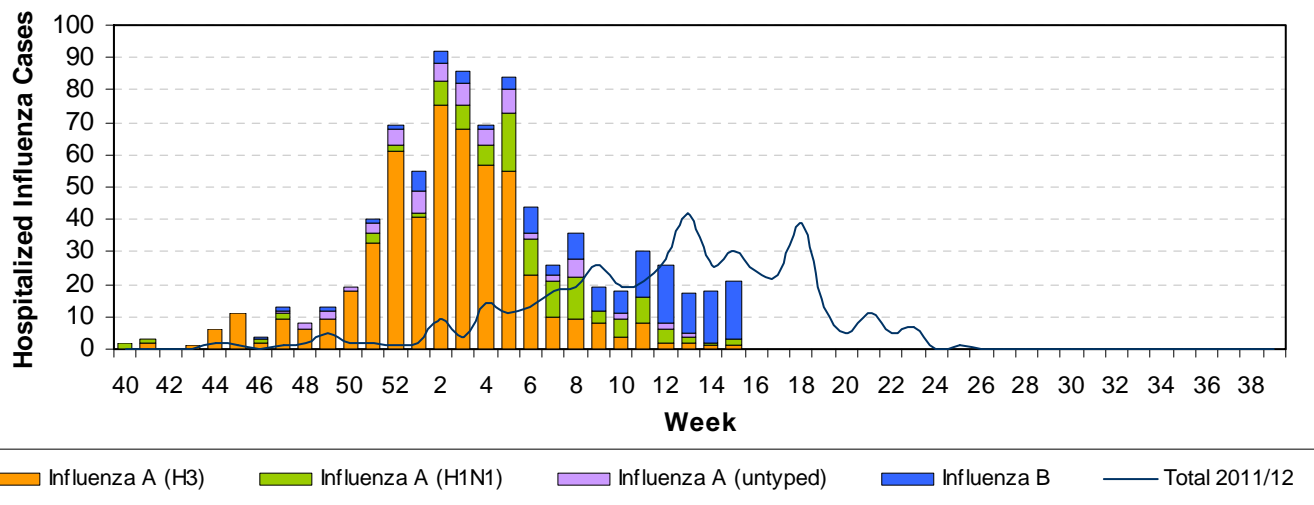


\*preliminary values

### Section 4: Hospitalizations

There were 21\* new hospitalized cases of influenza reported in week 15, and 18 confirmed hospitalized cases in week 14. There have been 830 hospitalized cases in total for this influenza season. While the majority of hospitalized cases have been due to influenza A, the majority of hospitalized cases in recent weeks have been due to influenza B.

**Hospitalized Influenza Cases by Influenza Strain Type, 2012/13**



\*preliminary values

### Section 5: Influenza-Like Illness – TARRANT-Week 15

Sentinel physicians report cases of ILI seen in their practices. 22\* cases of influenza like illness (ILI) were seen in week 15 and 19 cases were seen in week 14.

Zone	Sentinal Doctors (#)	Sentinal Recorders this Week (#)	Patients Seen (#)	ILI Cases (#)	Patients with ILI (%)
South	9	5	396	3	0.8%
Calgary	41	18	1262	10	0.8%
Central	15	13	700	0	0.0%
Edmonton	10	7	751	2	0.3%
North	6	2	162	7	4.3%
Alberta	81	45	3271	22	0.7%

\*preliminary values

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](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/)