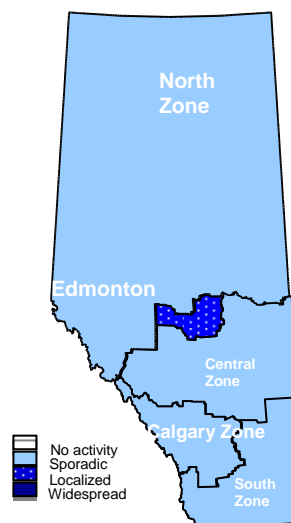


**Section 1: Summary**

For week 11 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 were two outbreaks in week 10. There have been 84 influenza outbreaks this season.

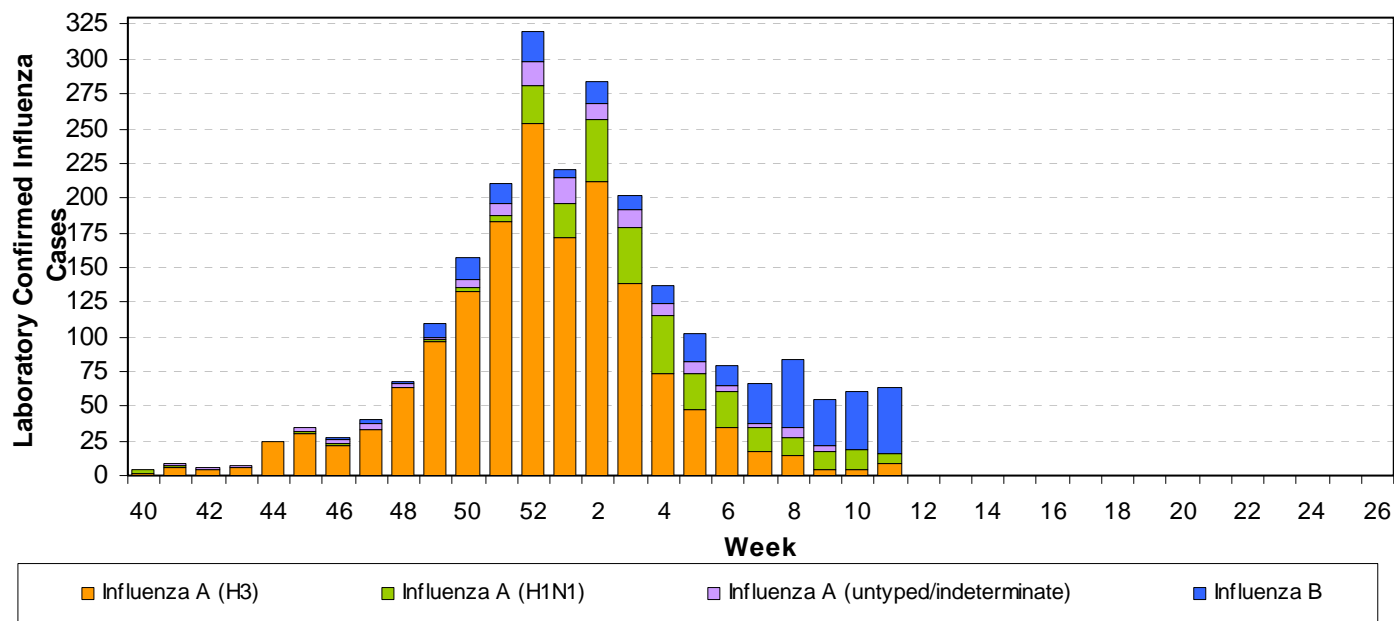
**Reported Outbreaks of Influenza, 2012/13**

Zone	Current Week	YTD
South	0	12
Calgary	0	18
Central	0	5
Capital	1	38
North	0	11
Alberta	1	84

**Section 3: Isolates**

In the 2012/13 influenza season, the Provincial Laboratory for Public Health (PLPH) reported 2023 Influenza A cases and 350 Influenza B cases to Alberta Health. There were 63\* lab confirmed influenza cases reported to Alberta Health in week 11 and 60 reported in week 10.

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

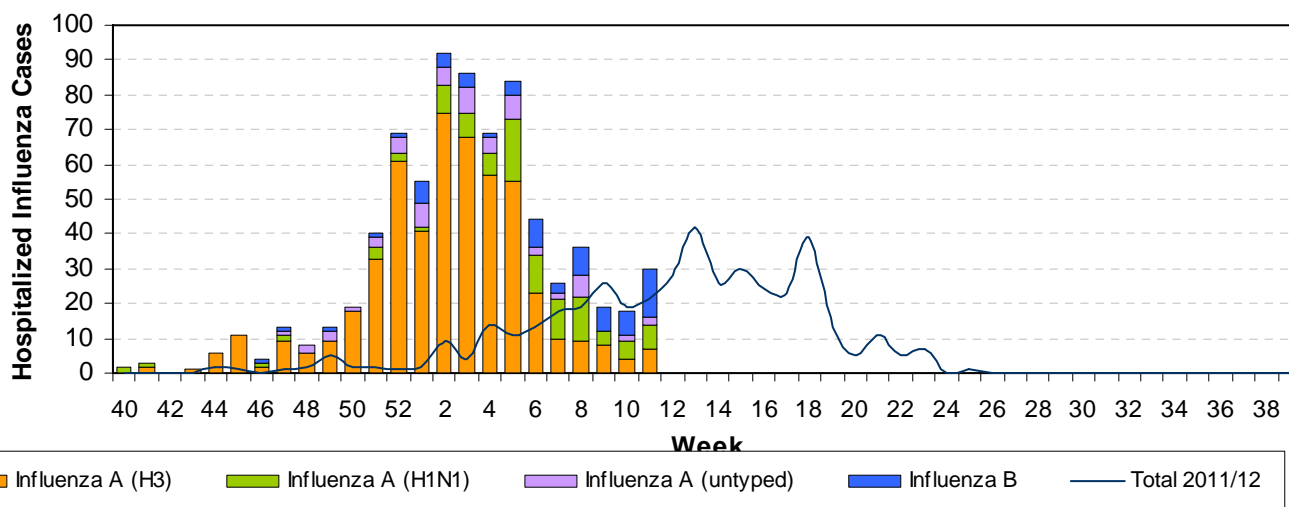


\*preliminary values

**Section 4: Hospitalizations**

There were 30\* new hospitalized cases of influenza reported in week 11, and 18 confirmed hospitalized cases in week 10. There have been 748 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 11

Sentinel physicians report cases of ILI seen in their practices. 22 cases of influenza like illness (ILI) were seen in week 11 and 39 cases were seen in week 10.

Zone	Sentinal Doctors (#)	Sentinal Recorders this Week (#)	Patients Seen (#)	ILI Cases (#)	Patients with ILI (%)
South	9	4	400	2	0.5%
Calgary	41	26	1444	8	0.6%
Central	18	15	489	2	0.4%
Edmonton	10	5	481	3	0.6%
North	6	3	233	7	3.0%
Alberta	84	53	3047	22	0.7%

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/)