ELGIN ST. THOMAS
PUBLIC HEALTH

Hi Everyone,

Please find our **Final** Influenza Surveillance Report for this season below. It seems like overall activity is continuously decreasing in the weeks following the last report. Long-term Care Homes' respiratory outbreaks have almost subsided. In the report below we have also provided the summary and epicurves since the season started to capture the entire seasonal activity at a glance.

We will continue to provide the influenza vaccine at our weekly Thursday clinics between 1:30 - 4:00 p.m. For further details and stats please see below.

We will resume our reporting for 2011/2012 season in the fall of this year.

Cheers,

Noor Muhammad, MBBS, MCPS
Manager, Health Protection (Infectious Diseases)

Elgin St. Thomas Public Health
99 Edward Street, St. Thomas, ON N5P 1Y8
Phone: 519-631-9900 Toll Free: 1-800-922-0096 Fax: 519-633-0468 Voicemail: 519-631-3159
www.elginhealth.on.ca

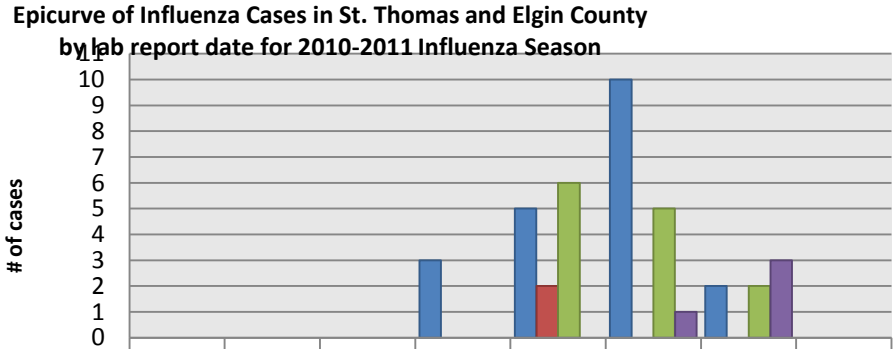
ELGIN ST. THOMAS
PUBLIC HEALTH

2010/2011 Influenza Surveillance Report
May 02, 2011

This will be the <u>final influenza surveillance report</u> provided for the 2010/2011 season.
We look forward to providing you with information about the 2011/2012 season beginning in the fall.

Influenza activity continues to decrease locally and nationally. From March 29th to May 1st, no cases of laboratory confirmed influenza have been reported to Elgin St. Thomas Public Health.

Since September 1, 2010, 39 cases of influenza were reported to Elgin St. Thomas Public Health. 35 of these cases were identified as influenza A, with the dominant H3 strain and four cases were confirmed as influenza B



	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Influenza A (H3)	0	0	0	3	5	10	2	0
Influenza A (H1N1)	0	0	0	0	2	0	0	0
Influenza A (non sub-typed)	0	0	0	0	6	5	2	0
Influenza B	0	0	0	0	0	1	3	0

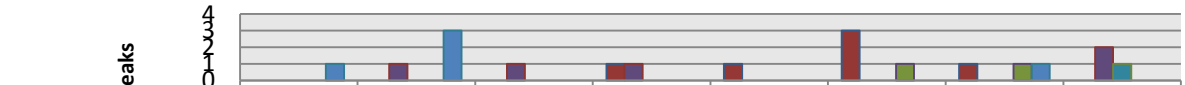
The weekly influenza summary report highlighting local activity will no longer be produced after April 30, 2011 if rates continue to be low. Influenza surveillance information will continue to be available as follows:

- Ontario Ministry of Health and Long-Term Care
  http://www.health.gov.on.ca/en/pro/programs/publichealth/flu/bulletins/2010/default.aspx
- Ontario Agency for Health Protection and Promotion OAHPP Weekly Laboratory Surveillance Update
  http://www.oahpp.ca/SRI%20Bulletin.php
- Public Health Agency of Canada Issues of FluWatch can be accessed at:
  www.phac-aspc.gc.ca/fluwatch/

Elgin St. Thomas Public Health
99 Edward Street, St. Thomas, ON N5P 1Y8
Phone: 519-631-9900 Toll Free: 1-800-922-0096 Fax: 519-633-0468 Voicemail: 519-631-3159
www.elginhealth.on.ca

No new institutional outbreaks of influenza or cases of influenza in residents of institutions were reported during this reporting period. In total there have been 18 respiratory outbreaks declared in institutional settings for the 2010-2011 influenza season. Five of the 18 were confirmed as influenza A outbreaks.

Epicurve of Institutional Respiratory Outbreaks Occuring in St. Thomas and Elgin County between September 2010 - April 2011



	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Influenza A (H3)	0	0	0	1	1	3	1	0
Entero/Rhinovirus	0	1	1	1	0	0	0	2
Parainfluenza	0	0	0	0	0	0	0	1
Coronavirus	0	0	0	0	0	1	1	0
Unidentified	1	3	0	0	0	0	1	0

Compared to last season, there has been a slight increase in reported respiratory outbreaks in institutions. Last season there were a total of 16 respiratory outbreaks, with none confirmed as influenza.

During the 2010-2011 influenza season, Elgin St. Thomas Public Health provided 11 community influenza vaccination clinics. A total of 4274 people were vaccinated at these clinics. An additional 445 people received their flu vaccine at the health unit. Long-term care homes and hospital staff influenza vaccination rates ranged from 31% to 75%.

Influenza vaccine will continue to be available through the health unit. The **World Health Organization Recommendation for the 2011-2012 Influenza Vaccine**:

- A/California/7/2009 (H1N1)-like virus;
- A/Perth/16/2009 (H3N2)-like virus;
- B/Brisbane/60/2008-like virus.

ELGIN ST. THOMAS
PUBLIC HEALTH

Measure	Compared to Previous Week	Explanation
Hospital emergency room visits (with Febrile Respiratory Illness).	Decreasing	There were 751visits to the ER for the week of April 17 to April 23. 116 (15.4%) had symptoms of FRI. For the week of April 24 to 30, there were a total of 833 visits. 108 (13%) had symptoms of FRI.
Absence reports from schools	Slightly increasing	The average student absenteeism for all causes ranged from 3.0% to 14.6% for the week of April 18 to 22 (the 22th was Good Friday).
Telehealth Respiratory Syndrome Calls	None Reported	For the current reporting week, Elgin St. Thomas was not included in any ILI clusters reported by Telehealth.
Lab-confirmed cases	Decreasing	There were no new laboratory confirmed cases of influenza.
Long-Term Care Home Outbreaks	Decreasing	There were no respiratory outbreaks declared for this reporting period.
Hospitalizations	Decreasing	There were no new hospitalizations due to influenza
Deaths	None Reported	There have been no reported deaths associated with influenza.
OVERALL	**Decreasing**	**KEY FINDINGS: Overall influenza activity in Elgin St. Thomas continues to decrease.**

Reports can be found at http://www.elginhealth.on.ca/

For more information please contact the Communicable Diseases team at Elgin St. Thomas Public Health.

Elgin St. Thomas Public Health
99 Edward Street, St. Thomas, ON N5P 1Y8
Phone: 519-631-9900 Toll Free: 1-800-922-0096 Fax: 519-633-0468 Voicemail: 519-631-3159
www.elginhealth.on.ca