

Influenza Activity Report

Week 5: Jan 26, 2020 to Feb 1, 2020

Prepared by: Quality, Planning, Accountability, and Performance Team

Measure	Assessment Compared to Previous Week	Explanation
Overall Assessment	The influenza activity in Haldimand–Norfolk was localized. In Ontario, influenza activity for Week 5 was lower when compared to Week 4. (Influenza A: Moderate; Influenza B: Low).	Surrounding public health units that reported influenza activity: Brant County: <i>Sporadic</i> City of Hamilton: <i>Localized</i> Niagara Regional Area: <i>Localized</i> Southwestern Public Health: <i>Sporadic</i>

Measure	Number of specimens submitted	Number of specimens tested	Positive influenza A* (n, %)	Influenza A (H1N1)pdm09	Influenza A H3N2	Influenza B (n, %)
Laboratory confirmed influenza cases in Haldimand and Norfolk	19 (166)	14 (158)	2 (17), 14.3% (10.8%)	2 (14)	0 (2)	0 (0), 0.0% (0.0%)
Laboratory confirmed influenza cases in Ontario	1,431 (18,370)	1,250 (17,129)	167 (1,525), 13.4% (8.9%)	149 (1,248)	17 (263)	76 (417), 6.1% (2.4%)

*The sum of the Positive Influenza A subtype cases may not equal to this Total count as some of the positive Influenza A cases have not yet been subtyped.

Notes:

- Cumulative numbers are from September 1, 2018 to the current week and are displayed in brackets.
- Numbers may change week by week due to retrospective reporting methods. The difference between submissions and testing is due to lags in testing time. In addition, no. of specimens submitted is determined based on date specimens were received at lab for testing, while no. of specimens tested is determined based on date specimens were collected from the patient.
- Surveillance practices and laboratory testing methods have changed this season. This may result in lower case counts and these are not comparable to previous years.
- Definitions:** *Sporadic*—at least one laboratory–confirmed case of influenza with no ongoing laboratory–confirmed influenza outbreaks in an institution or public hospital; *Localized*—at least one ongoing laboratory–confirmed influenza outbreak in an institution or public hospital during the surveillance week even if the outbreak was declared over on the first day of the surveillance week.
- Data Source:** Data extracted based on “Reported Date” as indicated on the lab slip (the date the lab reported the result to public health). PHO Snapshot; Ontario Respiratory Pathogen Bulletin; Laboratory Respiratory Pathogen Surveillance Reports. **Date Extracted:** February 10, 2020 from <https://www.publichealthontario.ca/-/media/documents/surveillance-reports/respiratory/surveillance-report-respiratory-lab-wk05-2019-2020.pdf?la=en>