February 3, 2020

During the 2 week period of January 19, 2020 – February 2, 2020, 265 respiratory samples were sent for testing in the Microbiology Laboratory for respiratory virus multiplex PCR or the ED for rapid influenza PCR at SickKids. Detection of influenza A (n=55) decreased while the detection of Influenza B (45) increased. The number of positive specimens for RSV (10) continued to decrease for the second straight 2-week period.

Influenza activity in Ontario for the week of January 19 – January 25, 2020 was lower than the previous week. Across the province influenza activity was reported as moderate for influenza A and low for influenza B. [https://www.publichealthontario.ca/en/ServicesAndTools/SurveillanceServices/Pages/Ontario-Respiratory-Virus-Bulletin.aspx](https://www.publichealthontario.ca/en/ServicesAndTools/SurveillanceServices/Pages/Ontario-Respiratory-Virus-Bulletin.aspx)

Nationally, the influenza activity remained similar to or slightly higher than previous weeks for the period of January 19 – January 25, 2020. Both influenza A and B continue to circulate with an increasing detection of influenza B. The dominant influenza A subtype has been A(H1N1), now representing 75% of all influenza A detected. [https://www.canada.ca/en/public-health/services/diseases/flu-influenza/influenza-surveillance.html](https://www.canada.ca/en/public-health/services/diseases/flu-influenza/influenza-surveillance.html)