



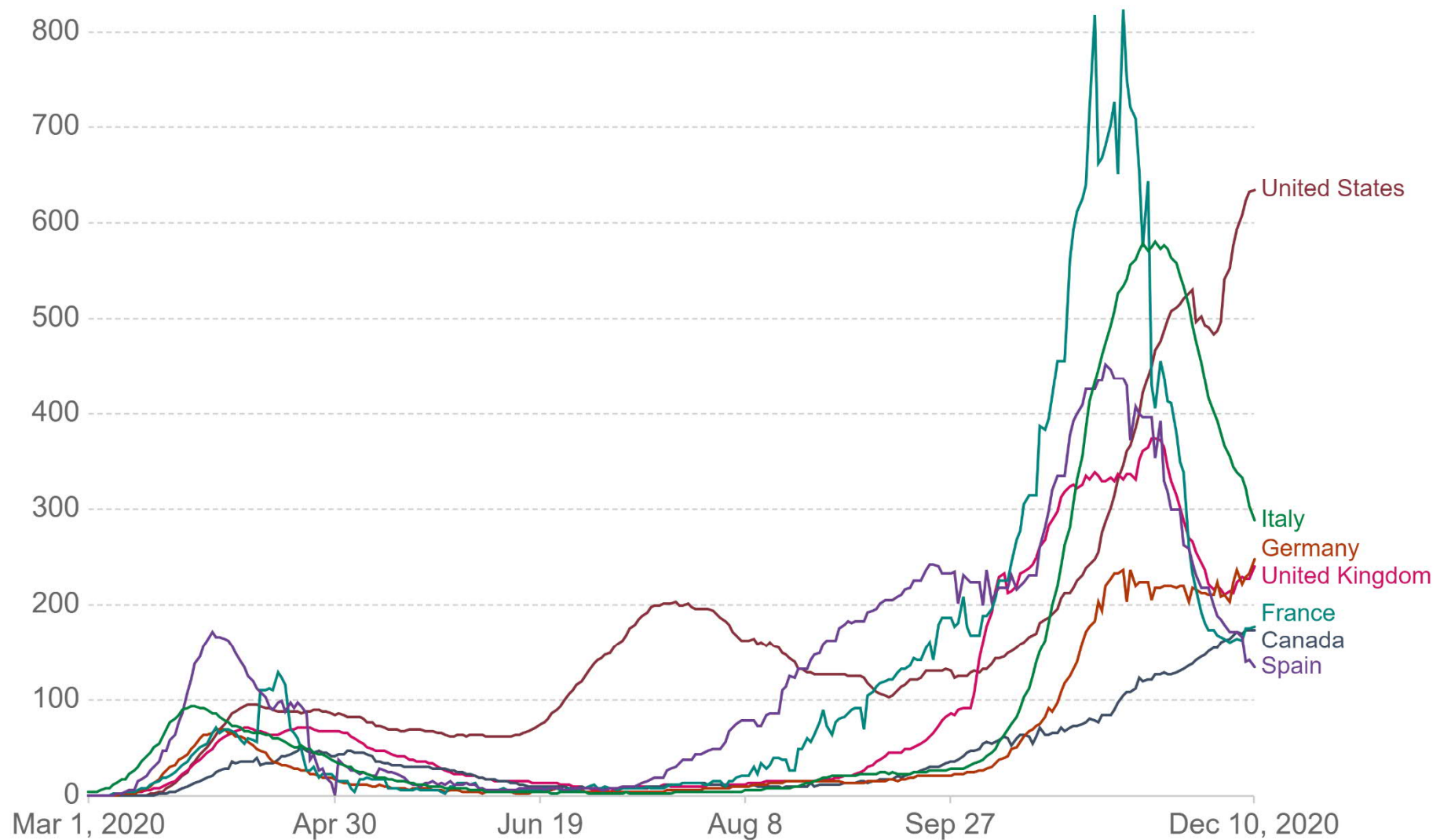
COVID-19 *LIVE UPDATE*

December 11, 2020

FOR UP-TO-DATE
CASE NUMBERS
VISIT
wechu.org

Daily new confirmed COVID-19 cases per million people

Shown is the rolling 7-day average. The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.



Source: Johns Hopkins University CSSE COVID-19 Data – Last updated 11 December, 06:06 (London time)

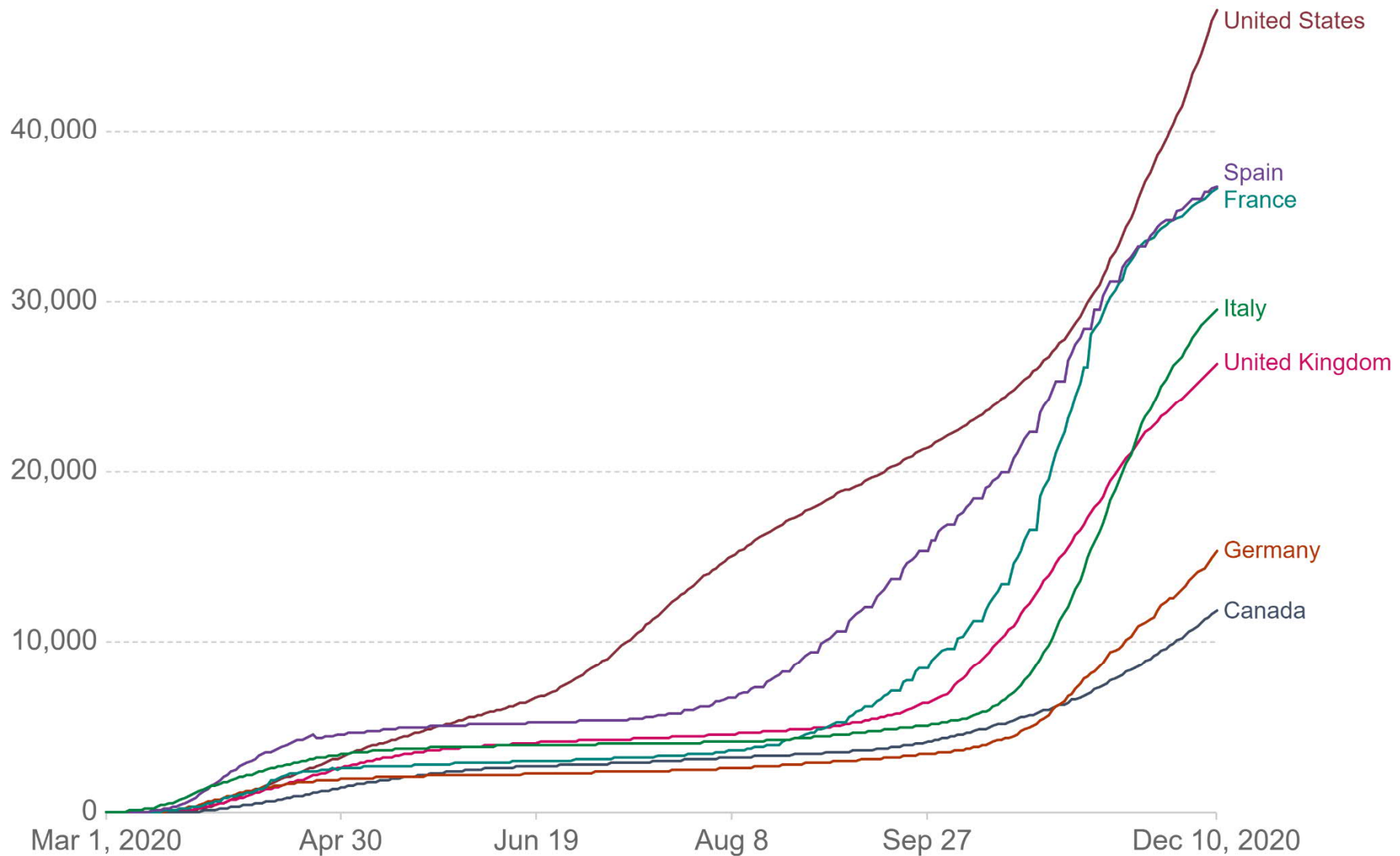
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Cumulative confirmed COVID-19 cases per million people



The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.



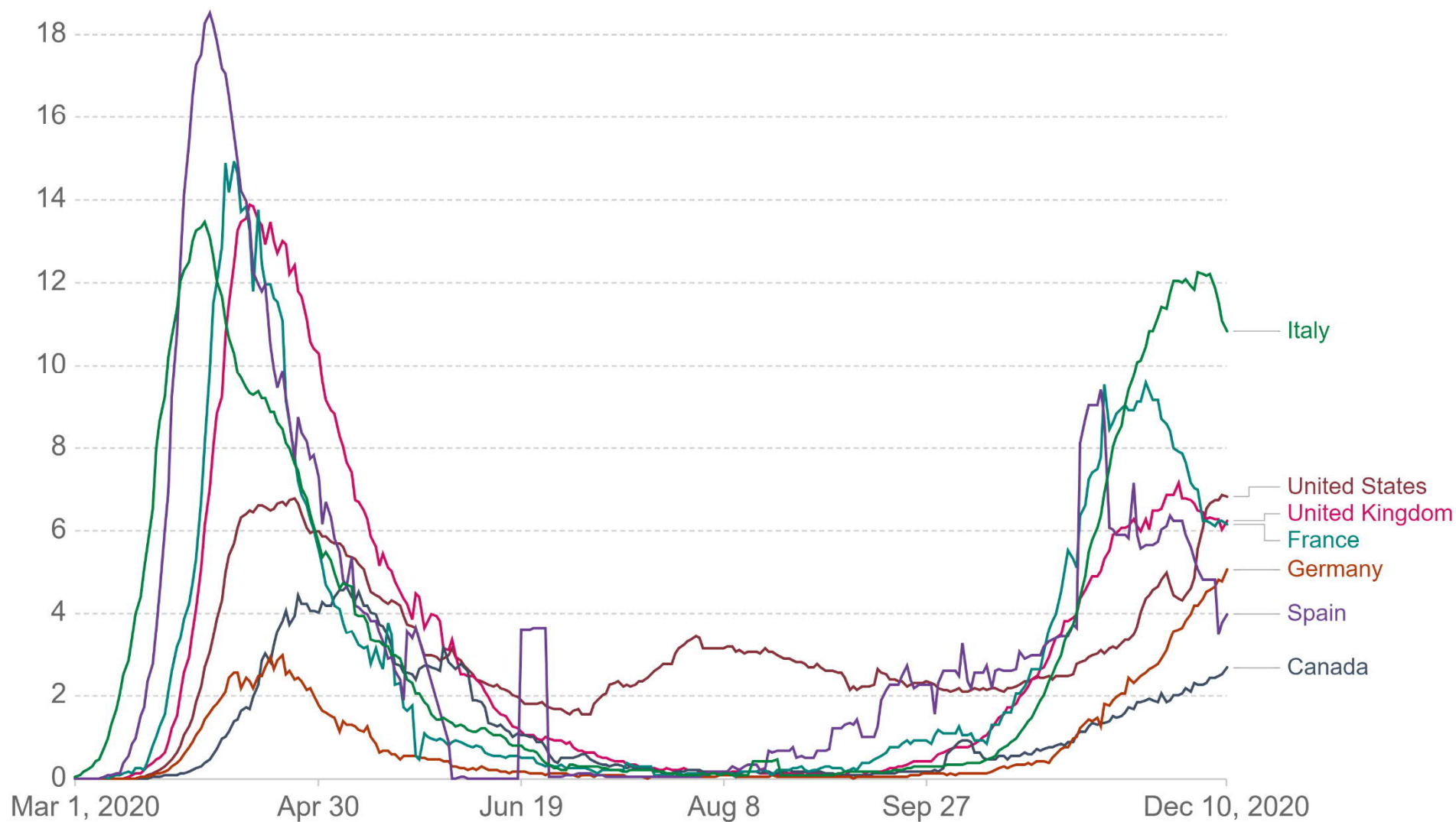
Source: Johns Hopkins University CSSE COVID-19 Data – Last updated 11 December, 06:06 (London time)

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Daily new confirmed COVID-19 deaths per million people

Shown is the rolling 7-day average. Limited testing and challenges in the attribution of the cause of death means that the number of confirmed deaths may not be an accurate count of the true number of deaths from COVID-19.



Source: Johns Hopkins University CSSE COVID-19 Data – Last updated 11 December, 06:06 (London time)

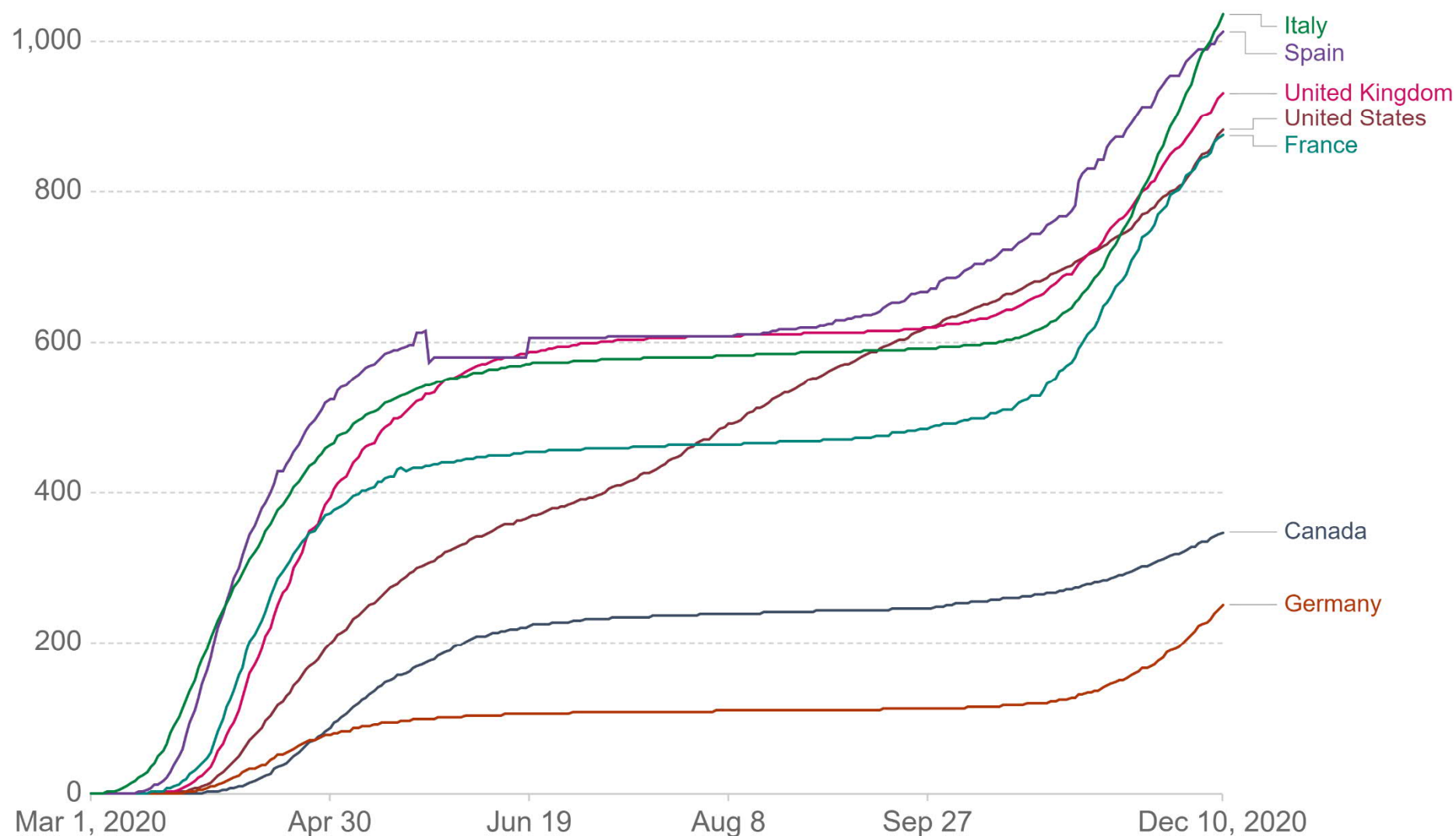
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Cumulative confirmed COVID-19 deaths per million people

Our World
in Data

Limited testing and challenges in the attribution of the cause of death means that the number of confirmed deaths may not be an accurate count of the true number of deaths from COVID-19.

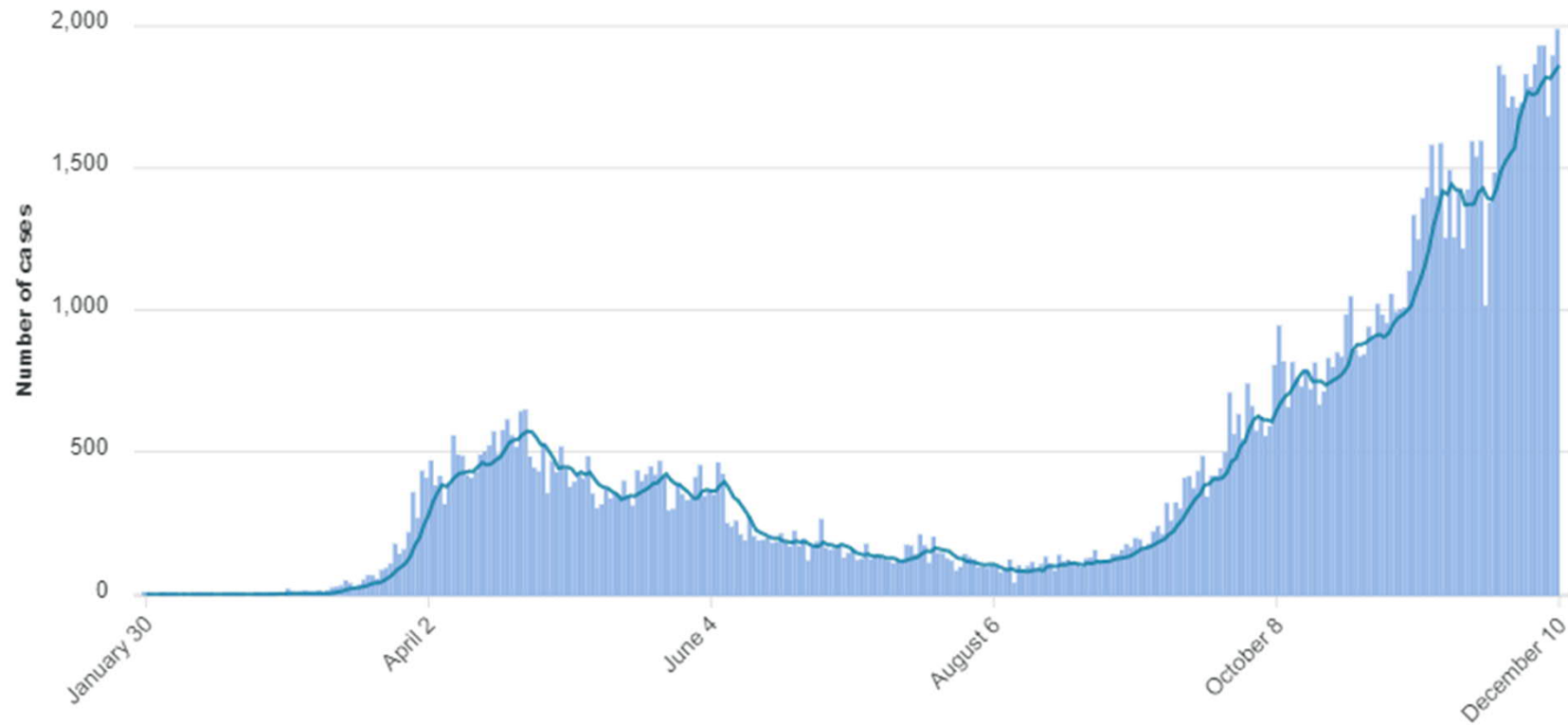


Source: Johns Hopkins University CSSE COVID-19 Data – Last updated 11 December, 06:06 (London time)

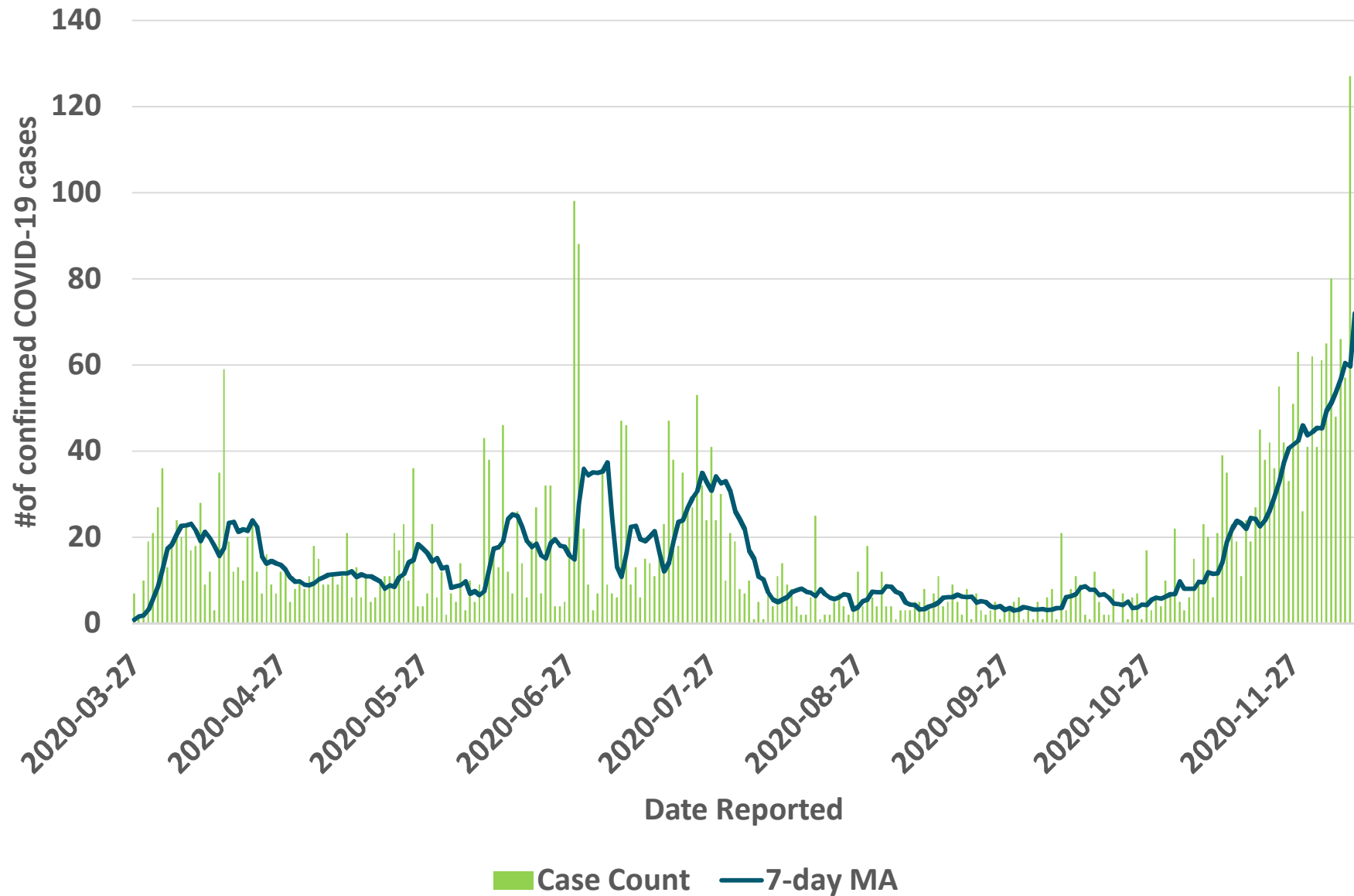
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Number of newly reported cases each day Ontario

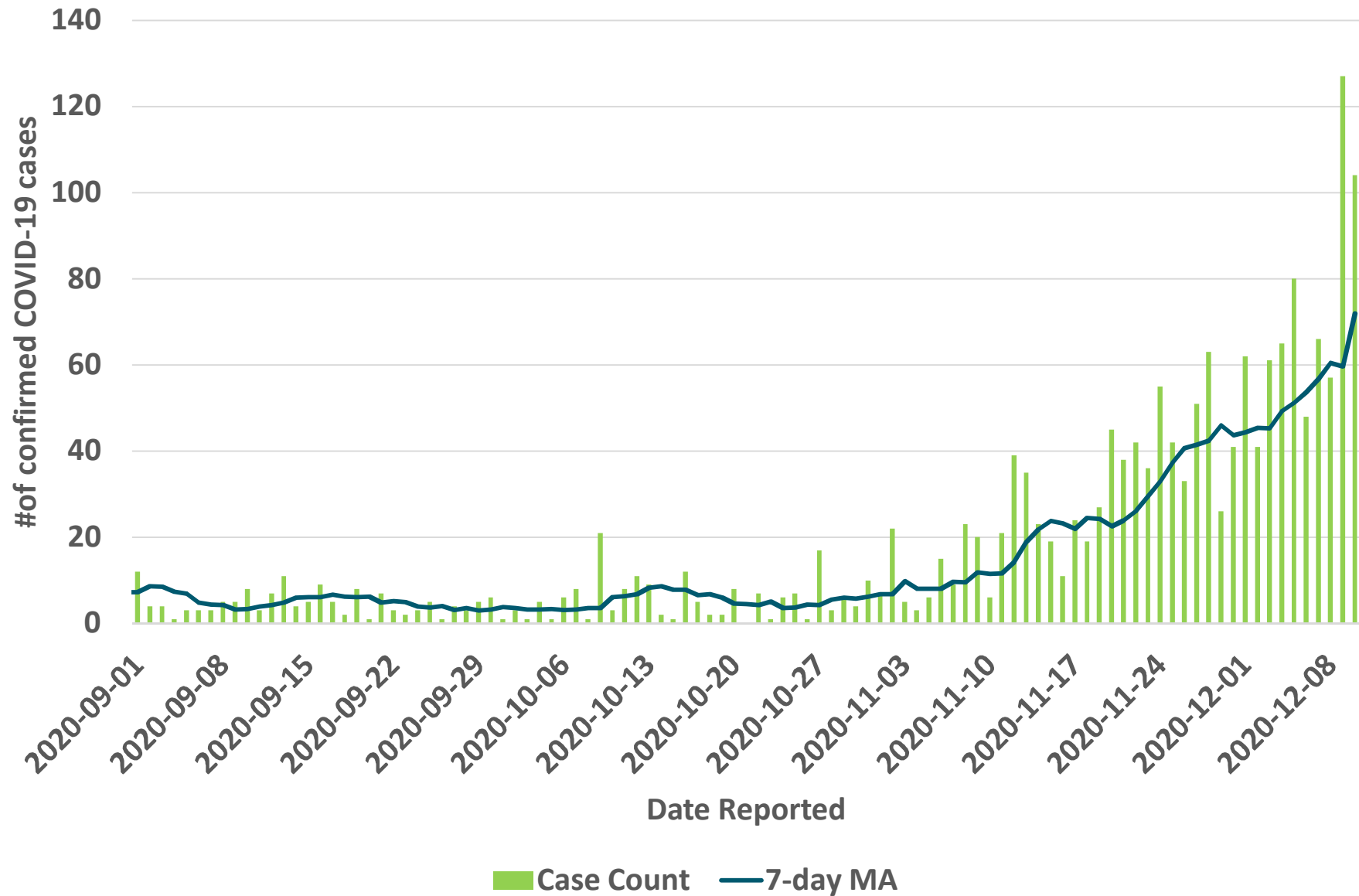


Epidemic Curve by Reported Date



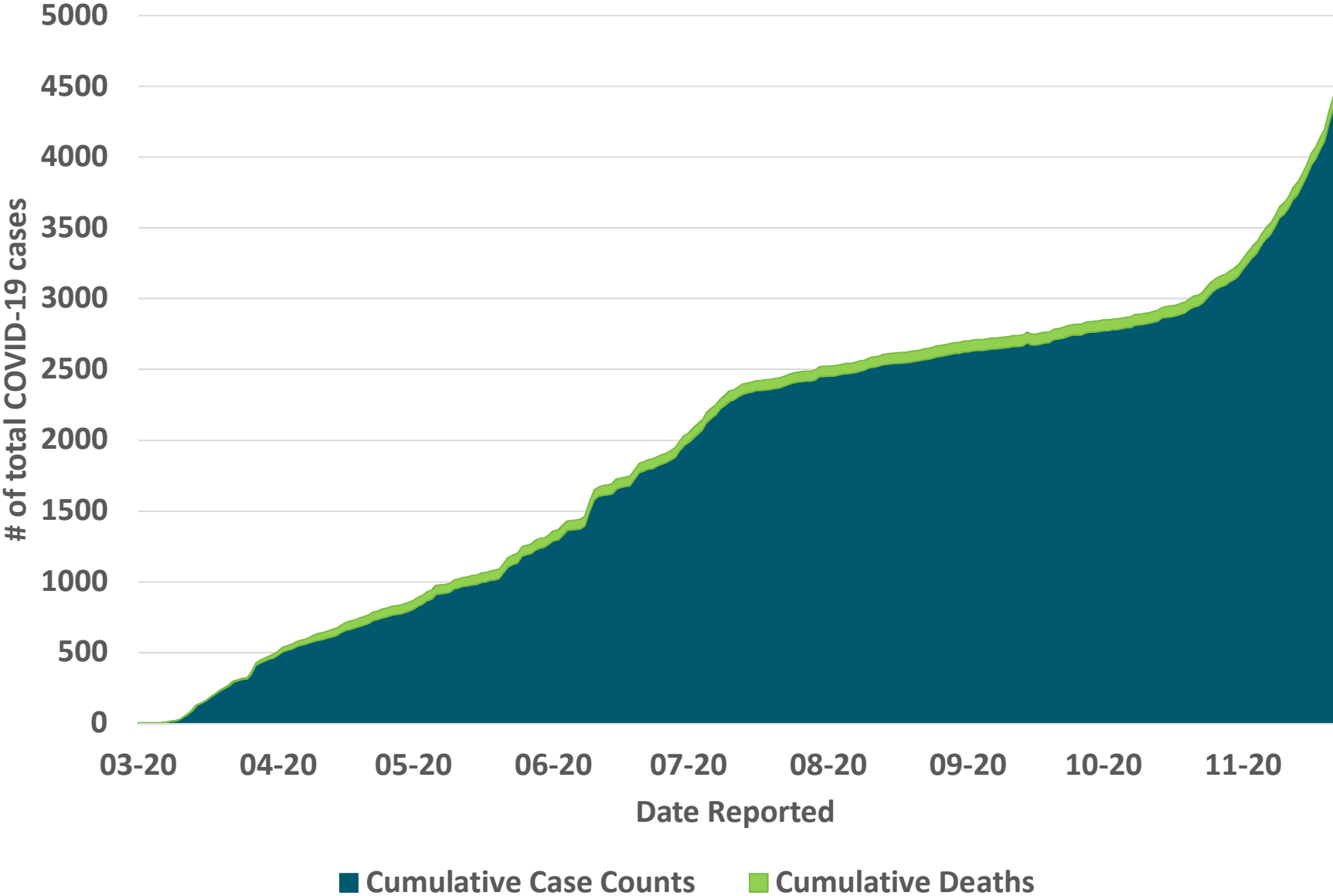
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Epidemic Curve by Reported Date (Sep-Present)

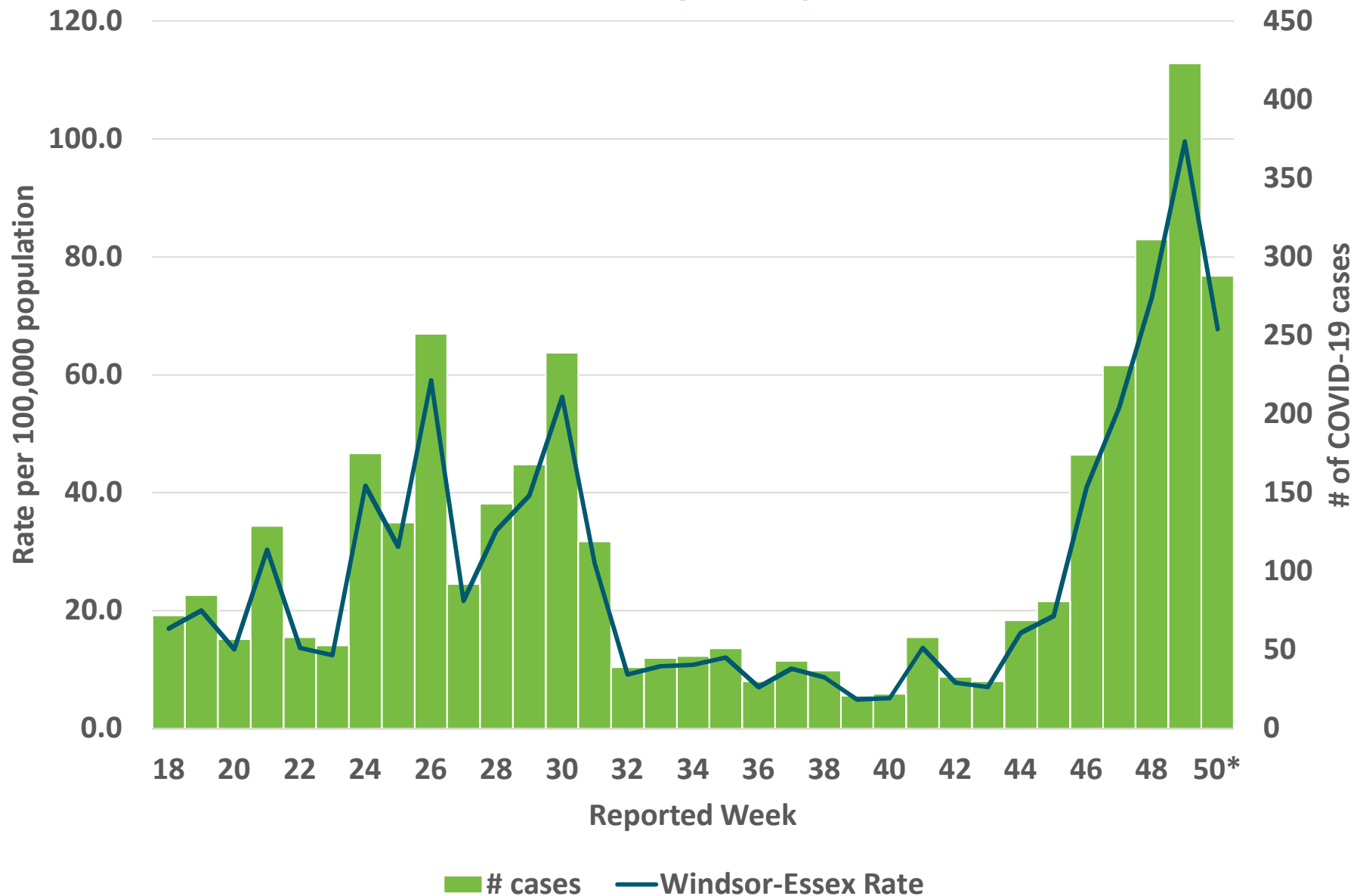


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Cumulative Cases and Deaths of COVID-19 in WEC

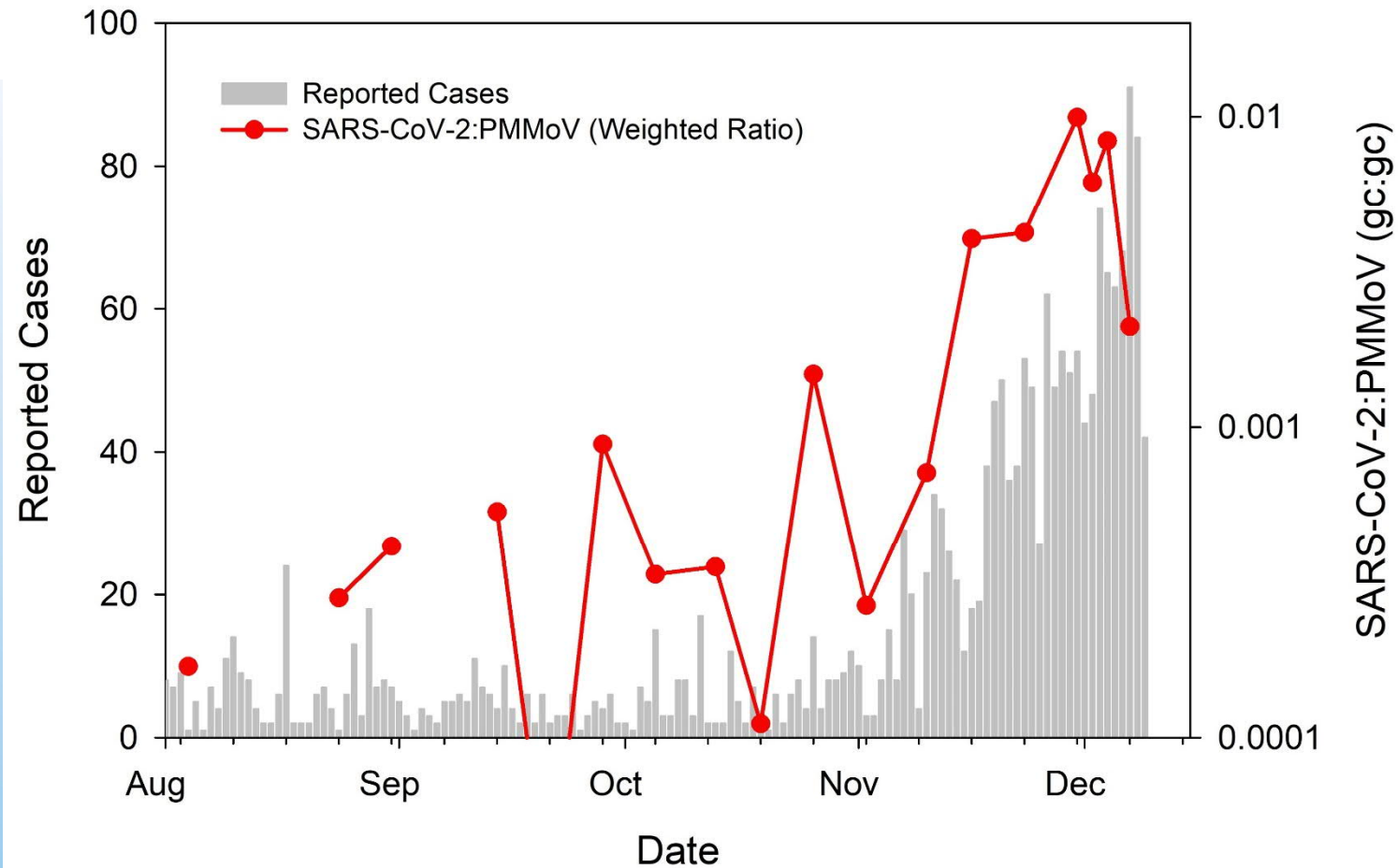


Windsor-Essex Rate by Reported Week



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Windsor-Essex County Wastewater Surveillance



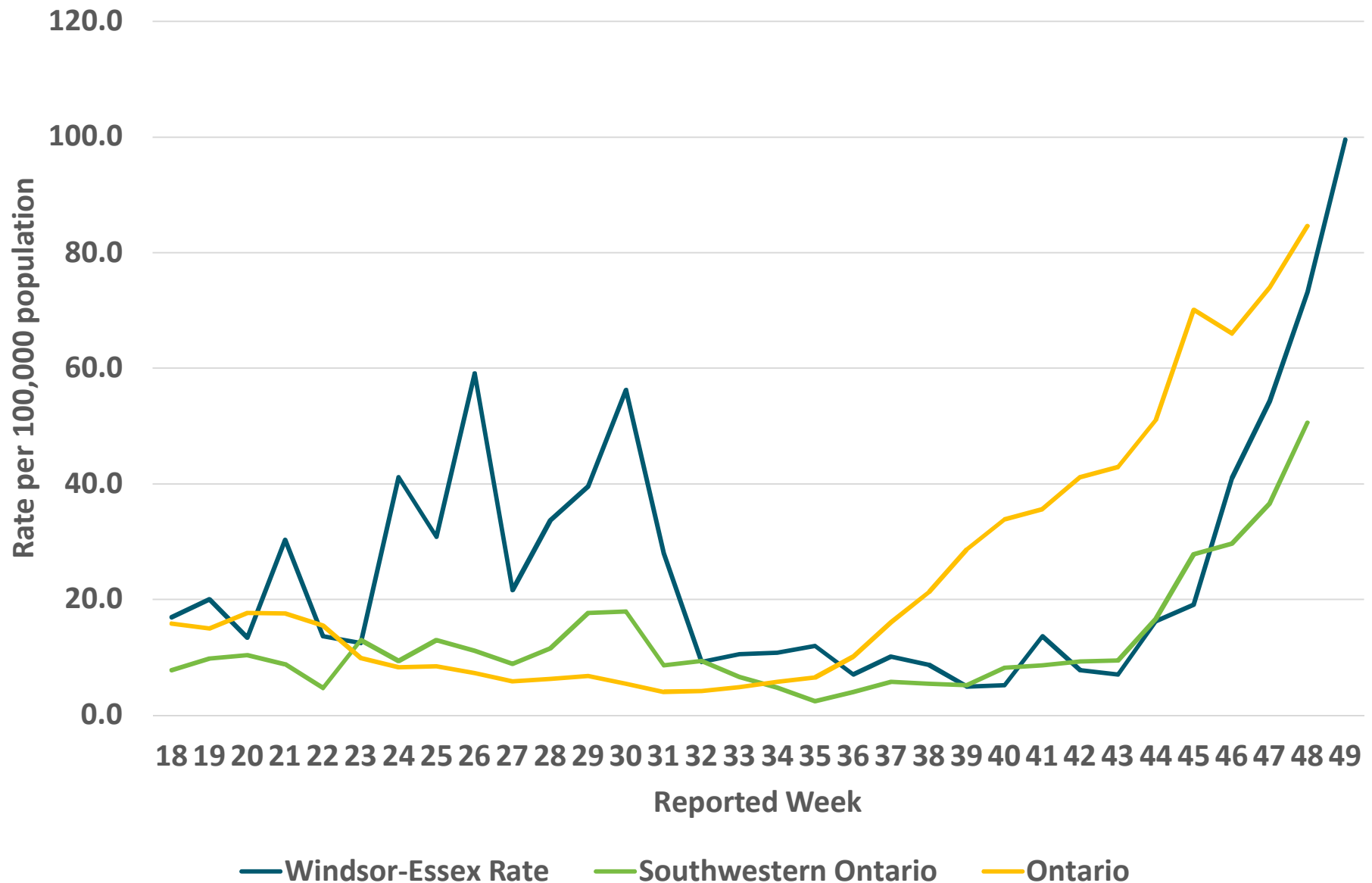
GLIER
GREAT LAKES INSTITUTE FOR
ENVIRONMENTAL RESEARCH
at the University of Windsor



University
of Windsor

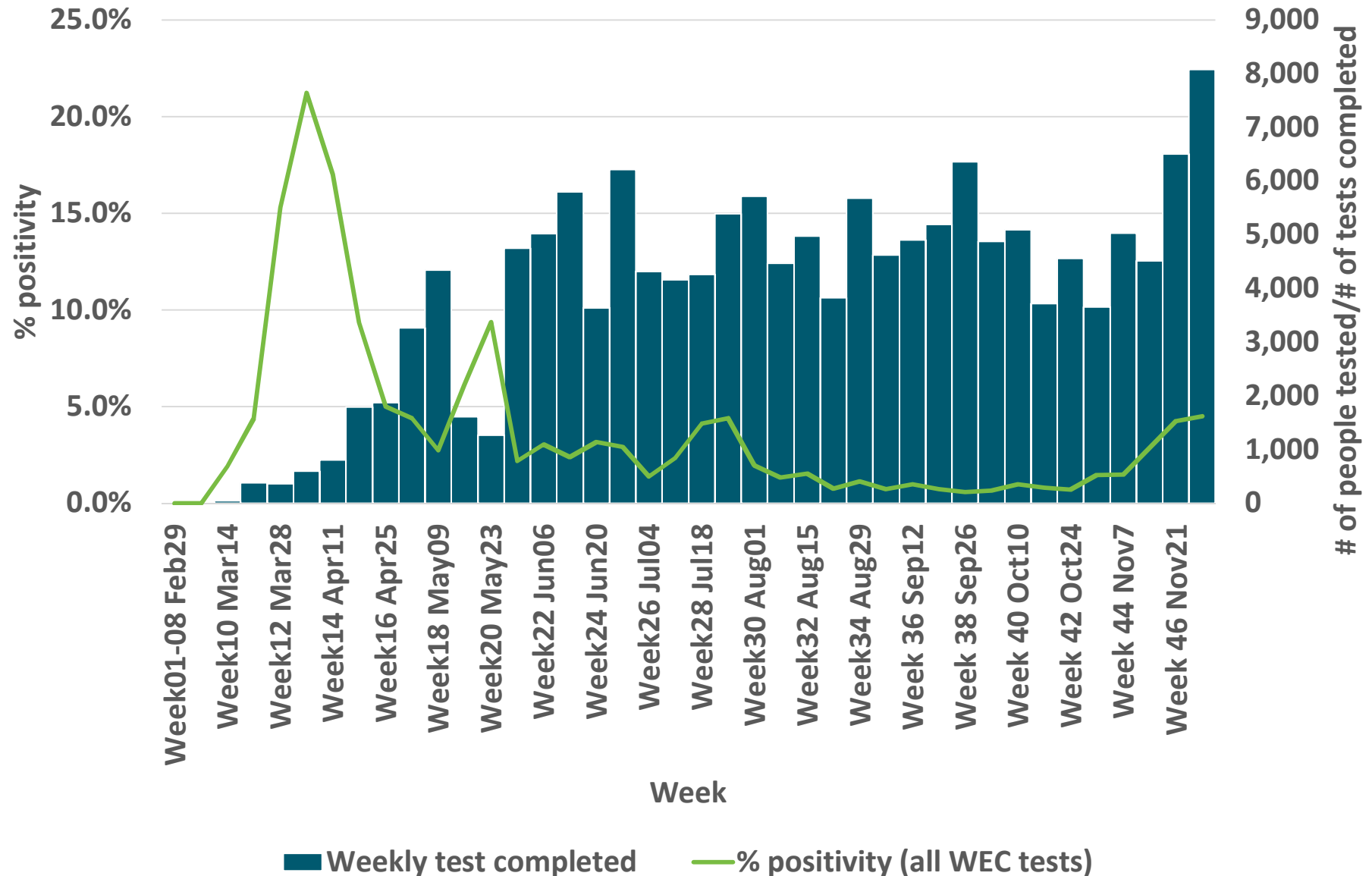
uwindsor.ca/GLIER

Weekly COVID-19 Rate

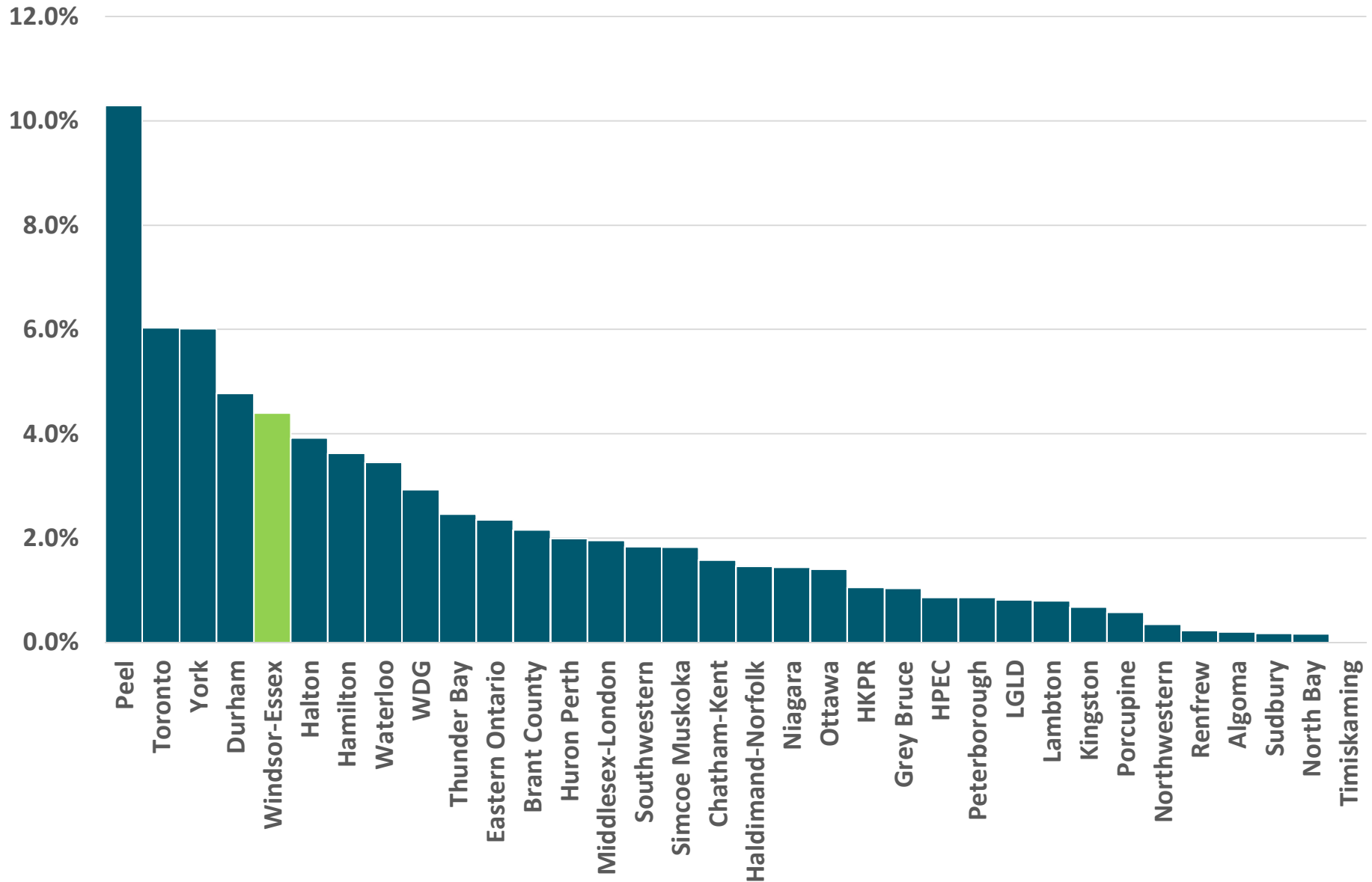


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Percent Positivity by Week by All Tests



Percent Positivity (7-day rolling average)



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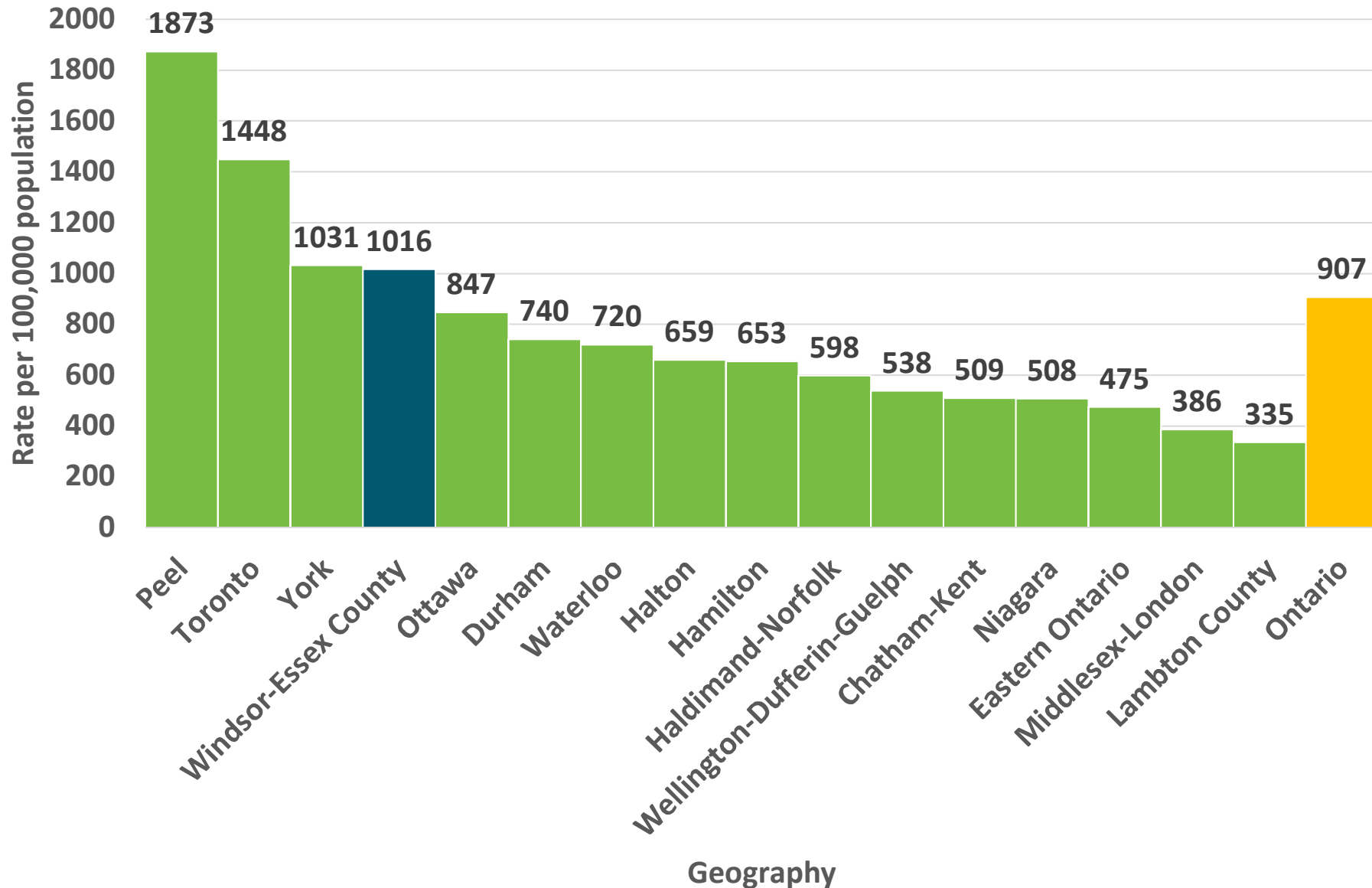
Percentage of Tests Results Available Within 1 and 2 Days: 7-Day Average



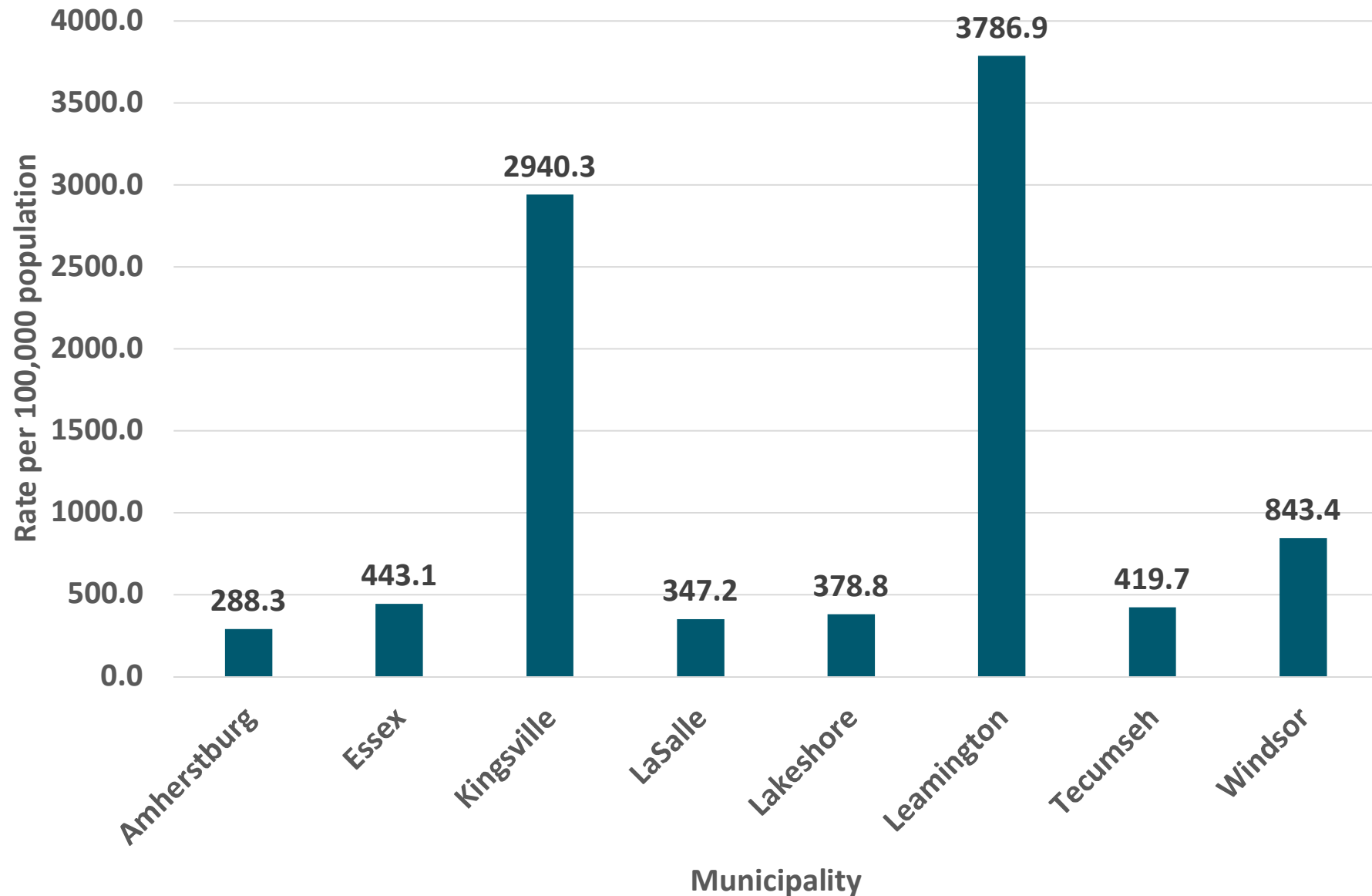
Percentage of Tests Results Available Within 1 and 2 Days: 7-Day Average



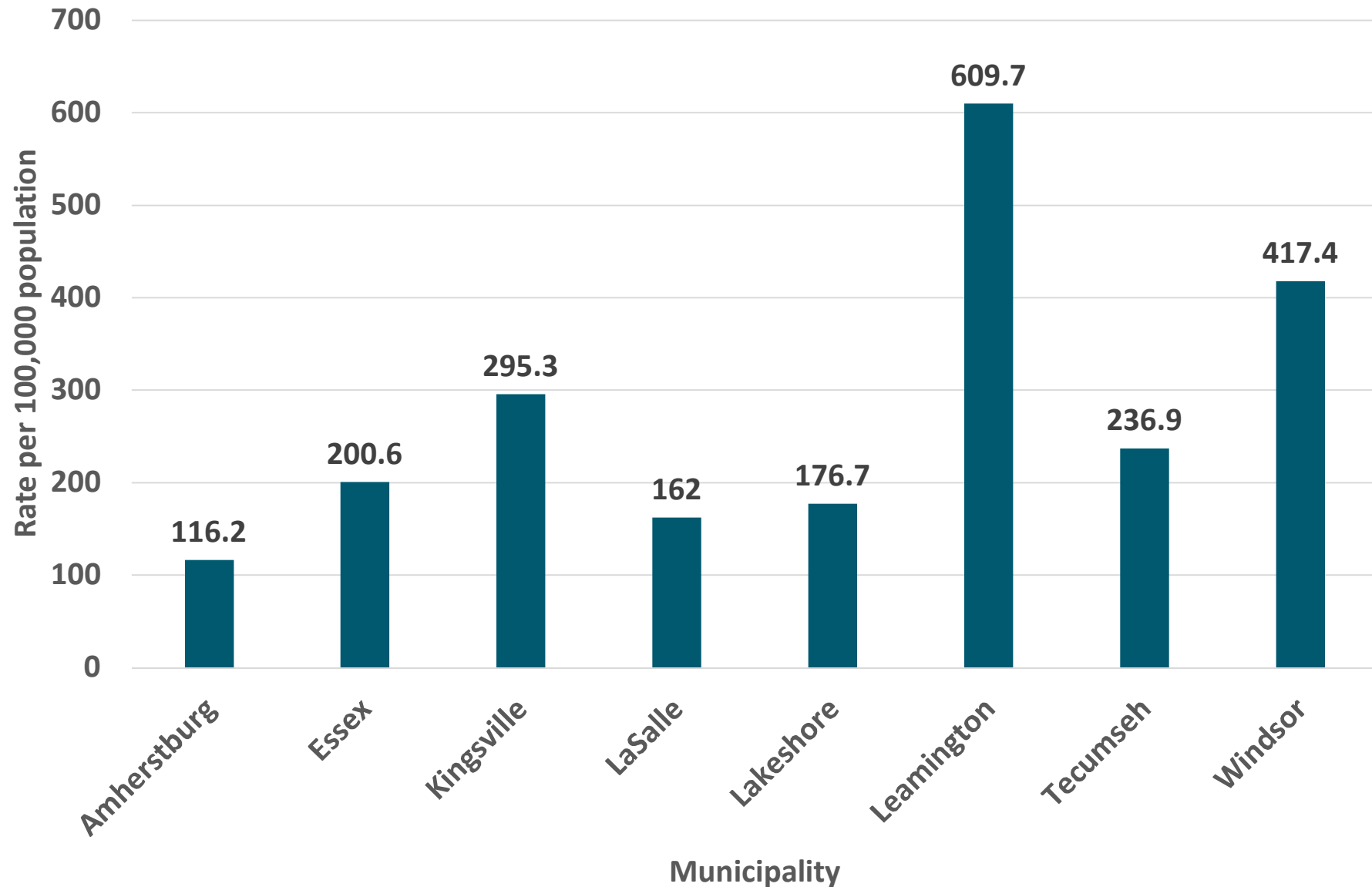
Regional & Provincial Rates



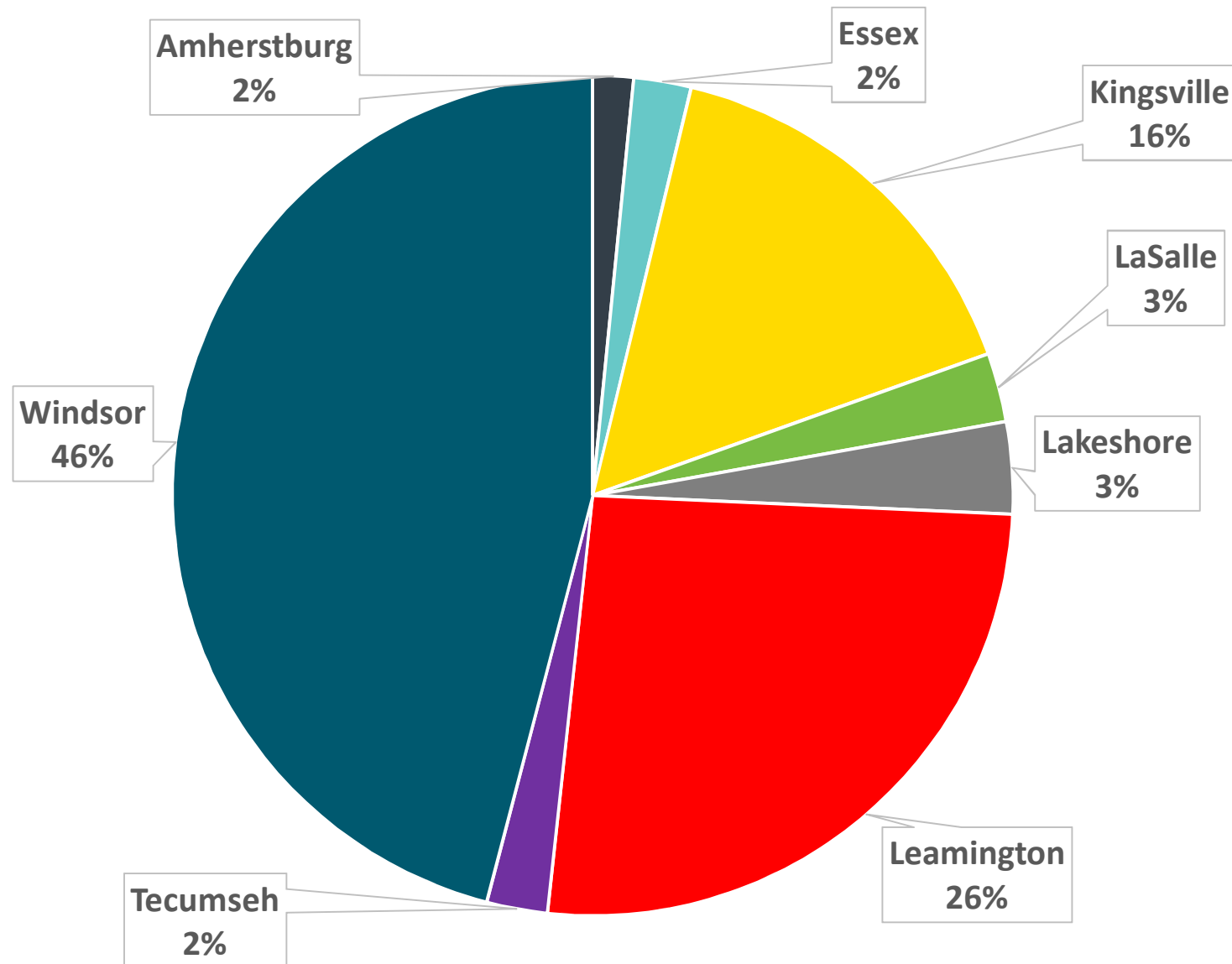
Rate per 100,000 by Municipality (Cumulative)



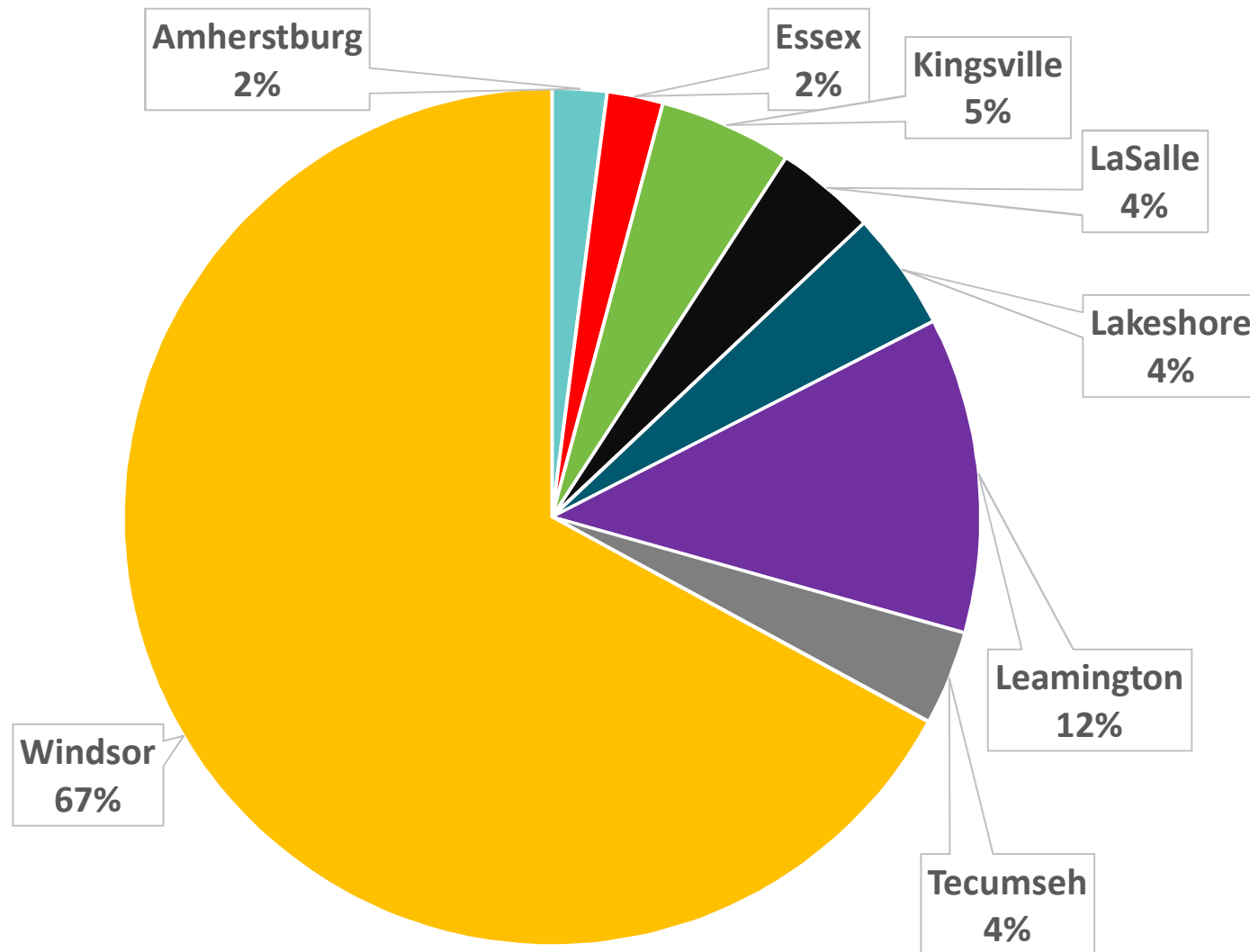
Rate per 100,000 by Municipality (Nov 1 to Present)



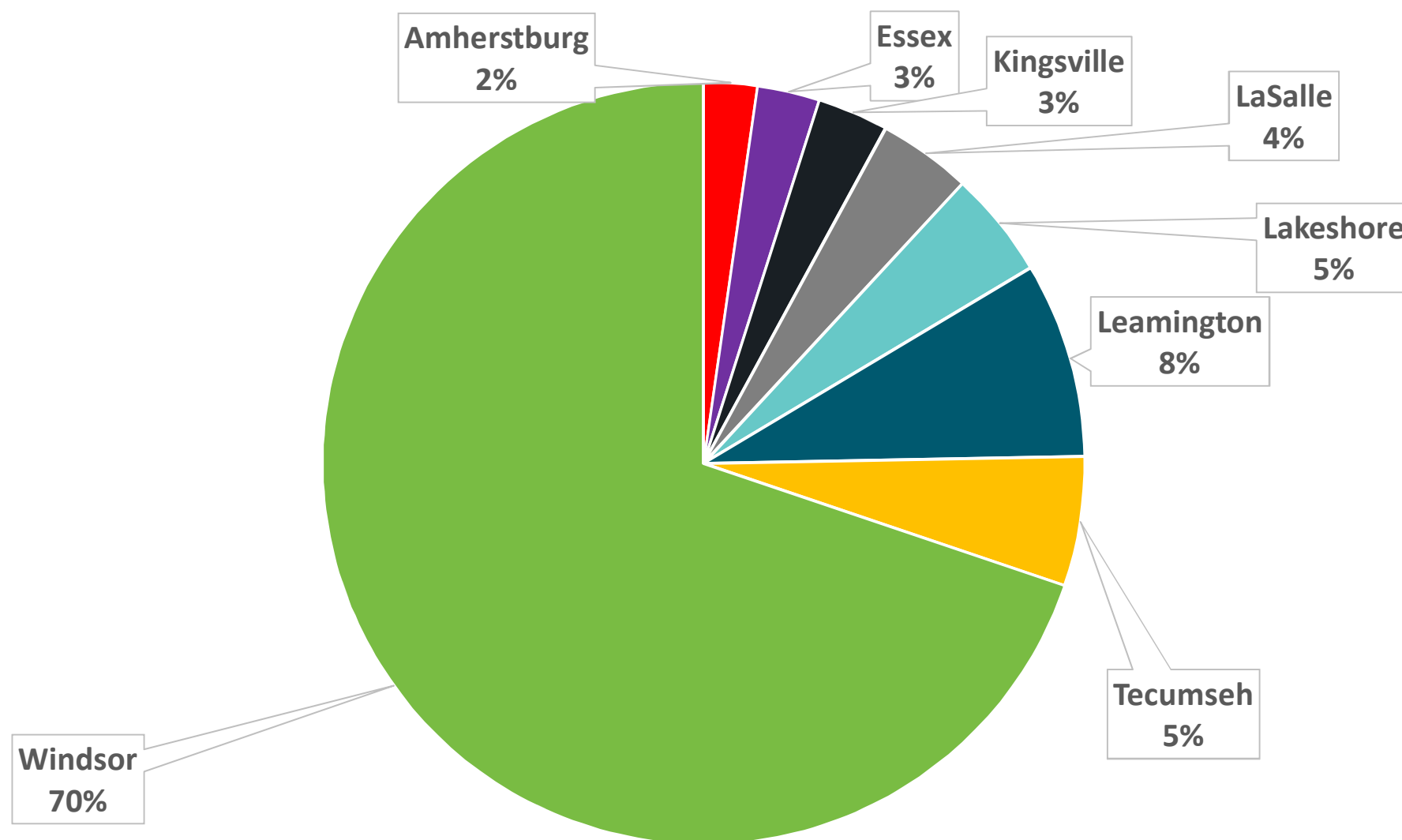
Distribution of COVID-19 Cases by Municipality



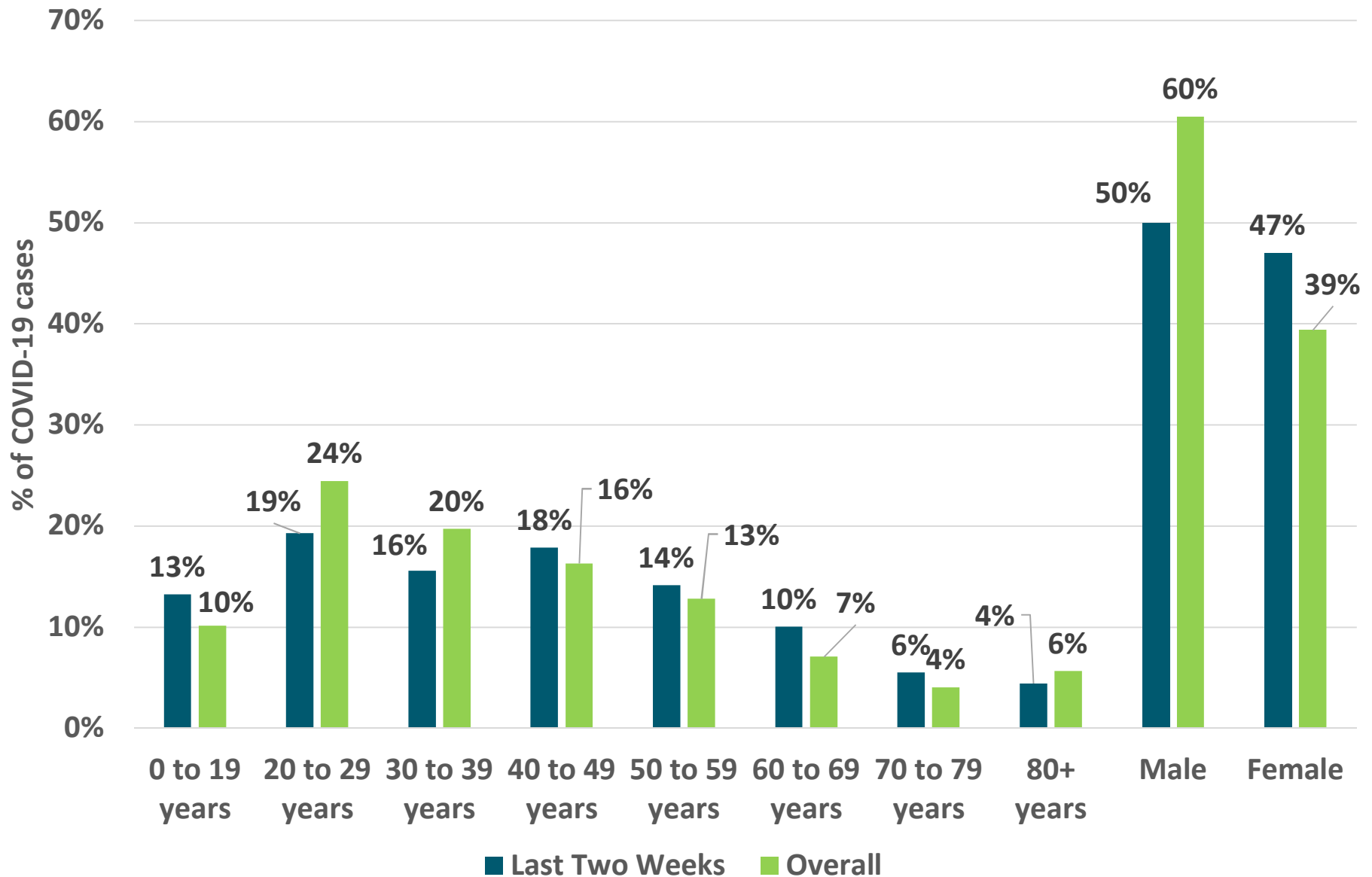
Distribution of COVID-19 Cases by Municipality in last 30 days (November 12 to December 9)



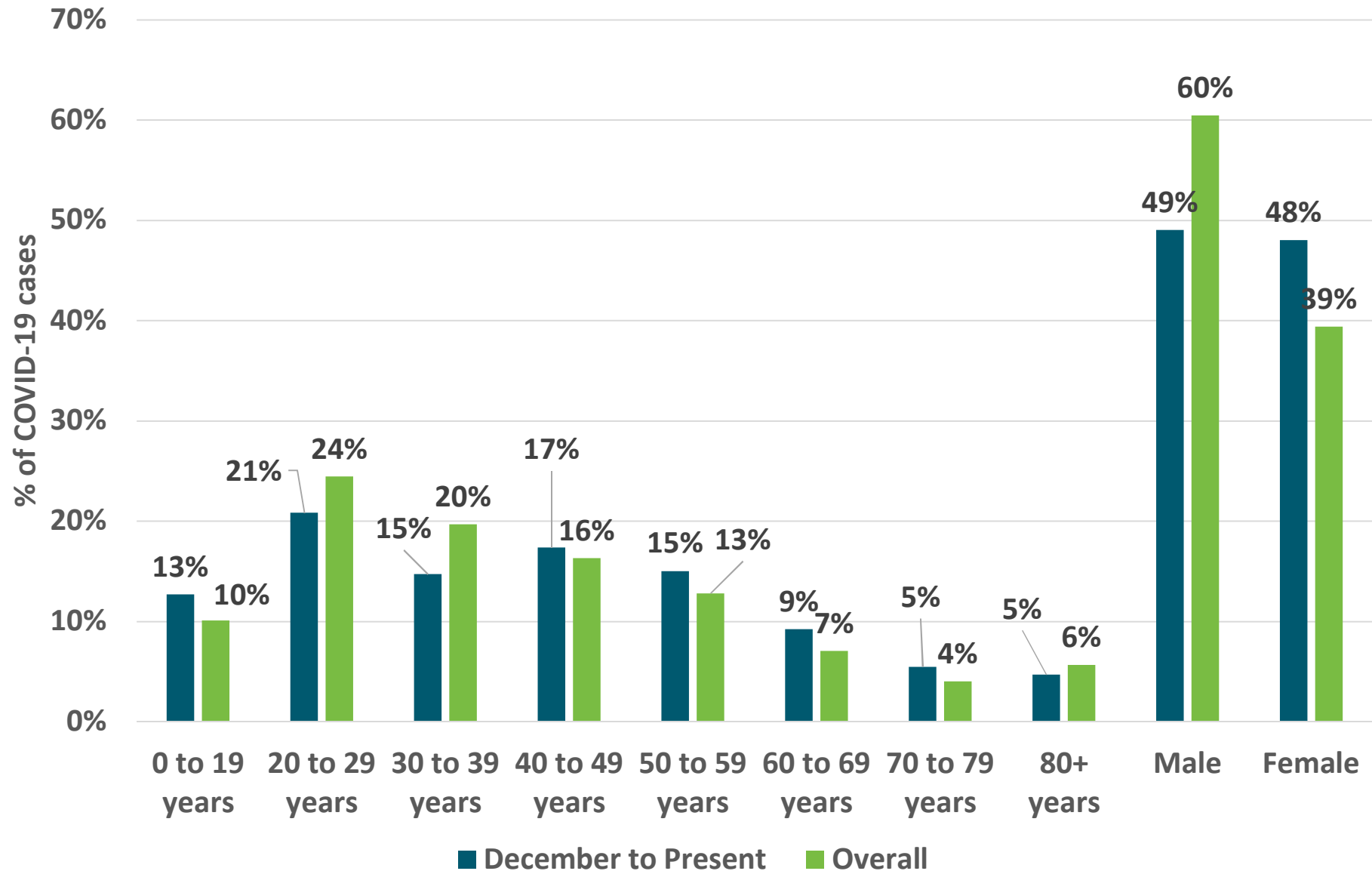
Distribution of COVID-19 Cases by Municipality in last 7 days (December 3 to December 9)



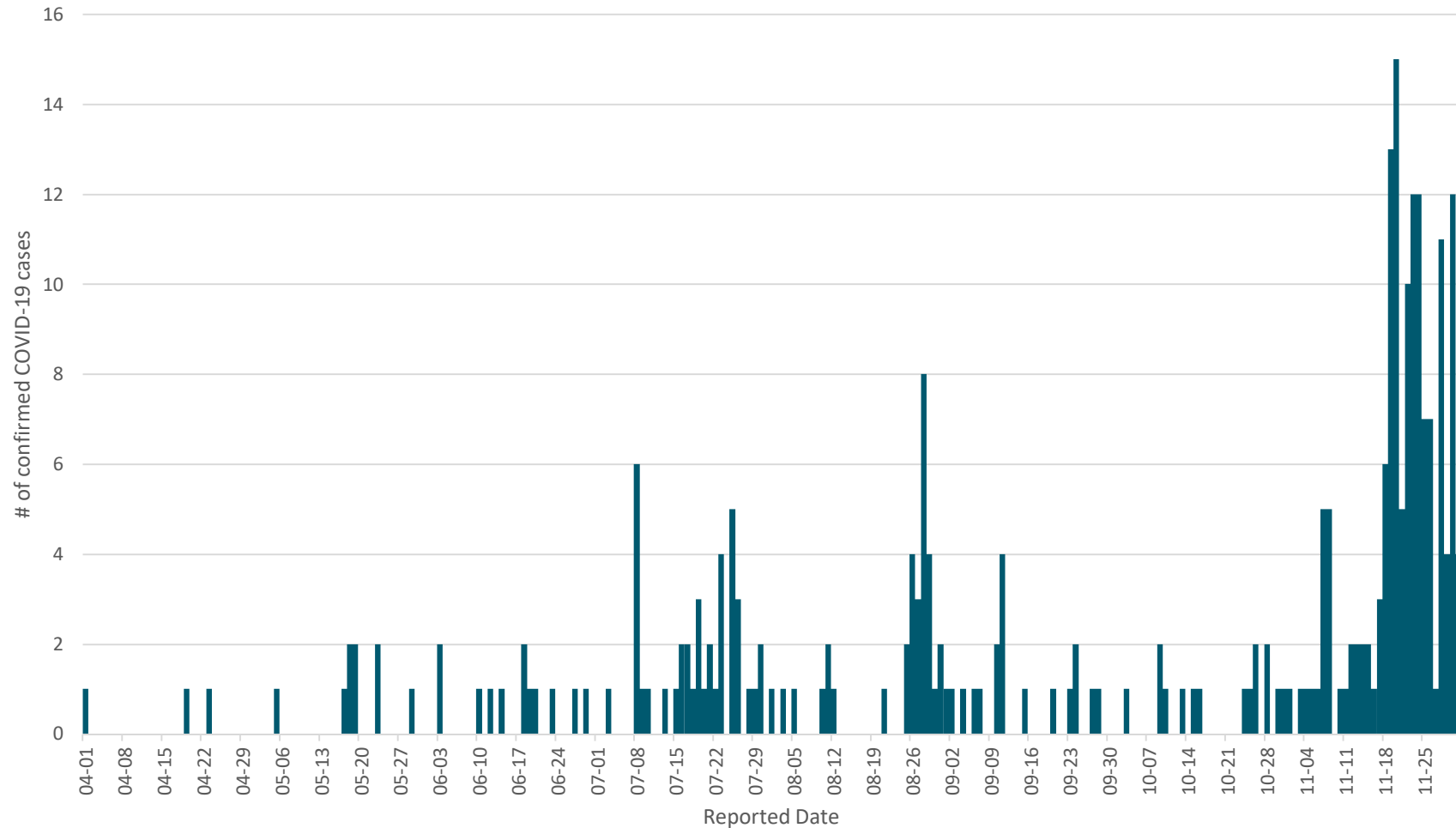
Age & Sex Distribution



Age & Sex Distribution (December to Present)

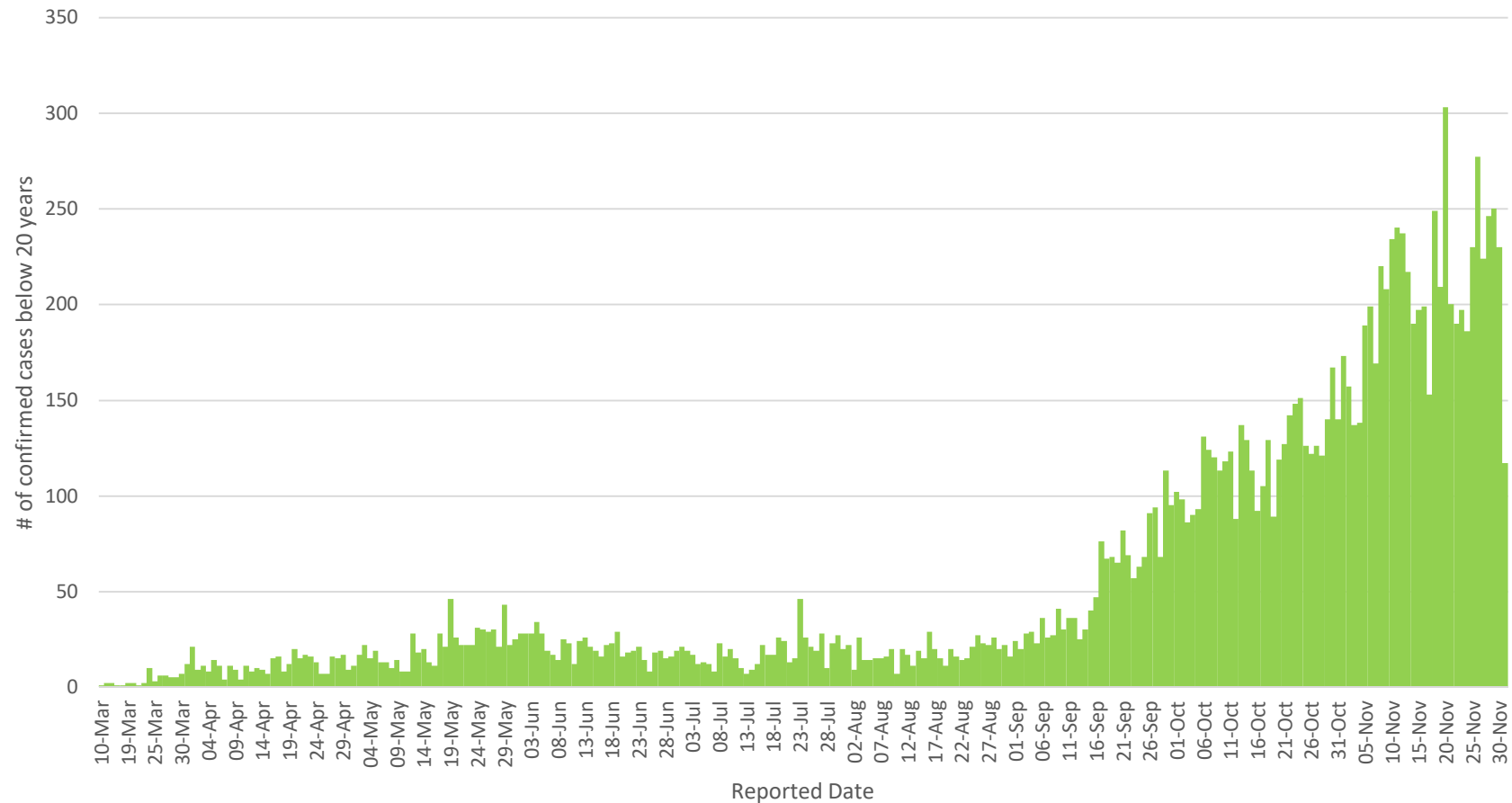


Epi Curve of School aged children (4 to 18) in Windsor and Essex (March to December 2)

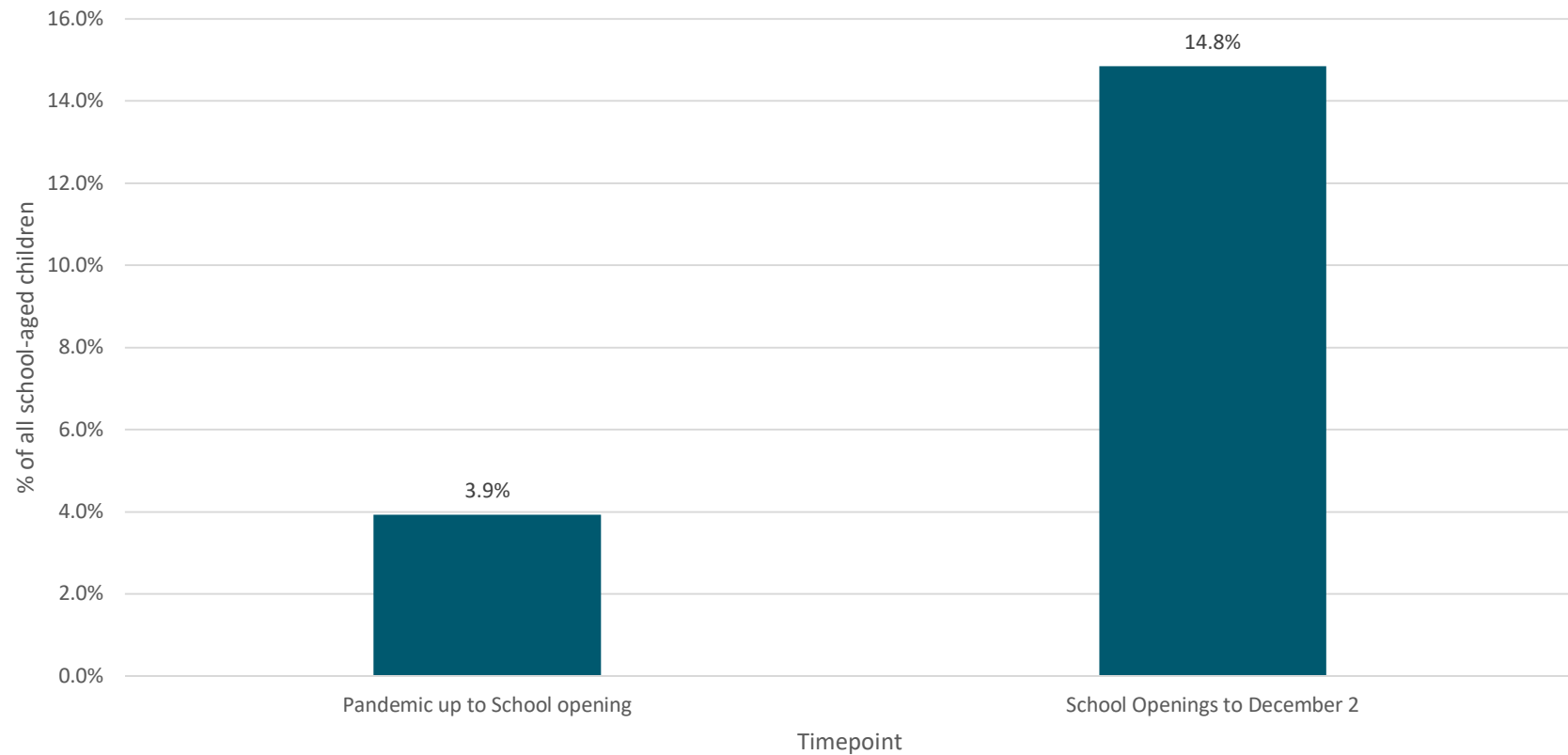


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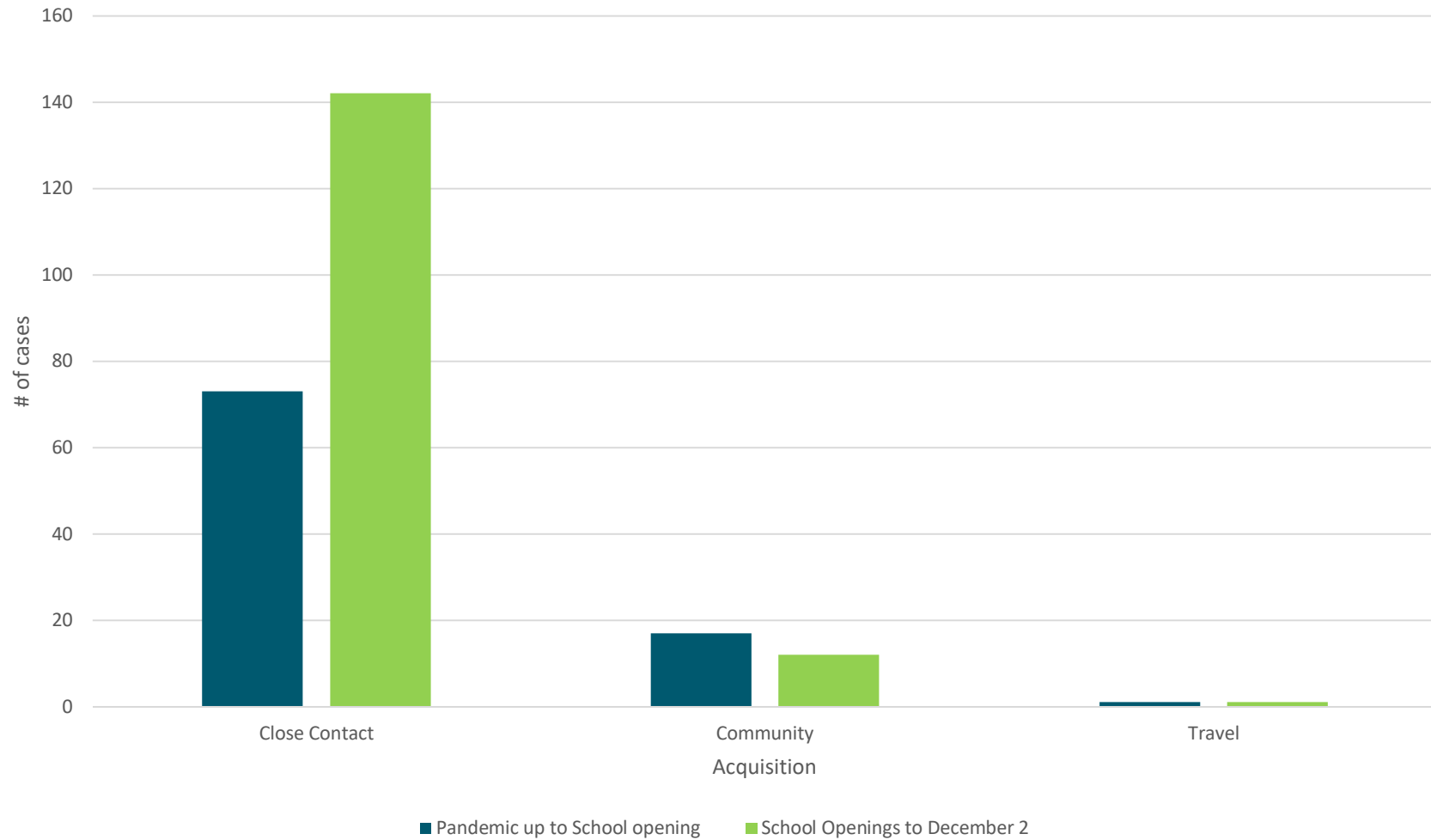
Epi curve of cases below 20 years of age in Ontario (March to December 1, 2020)



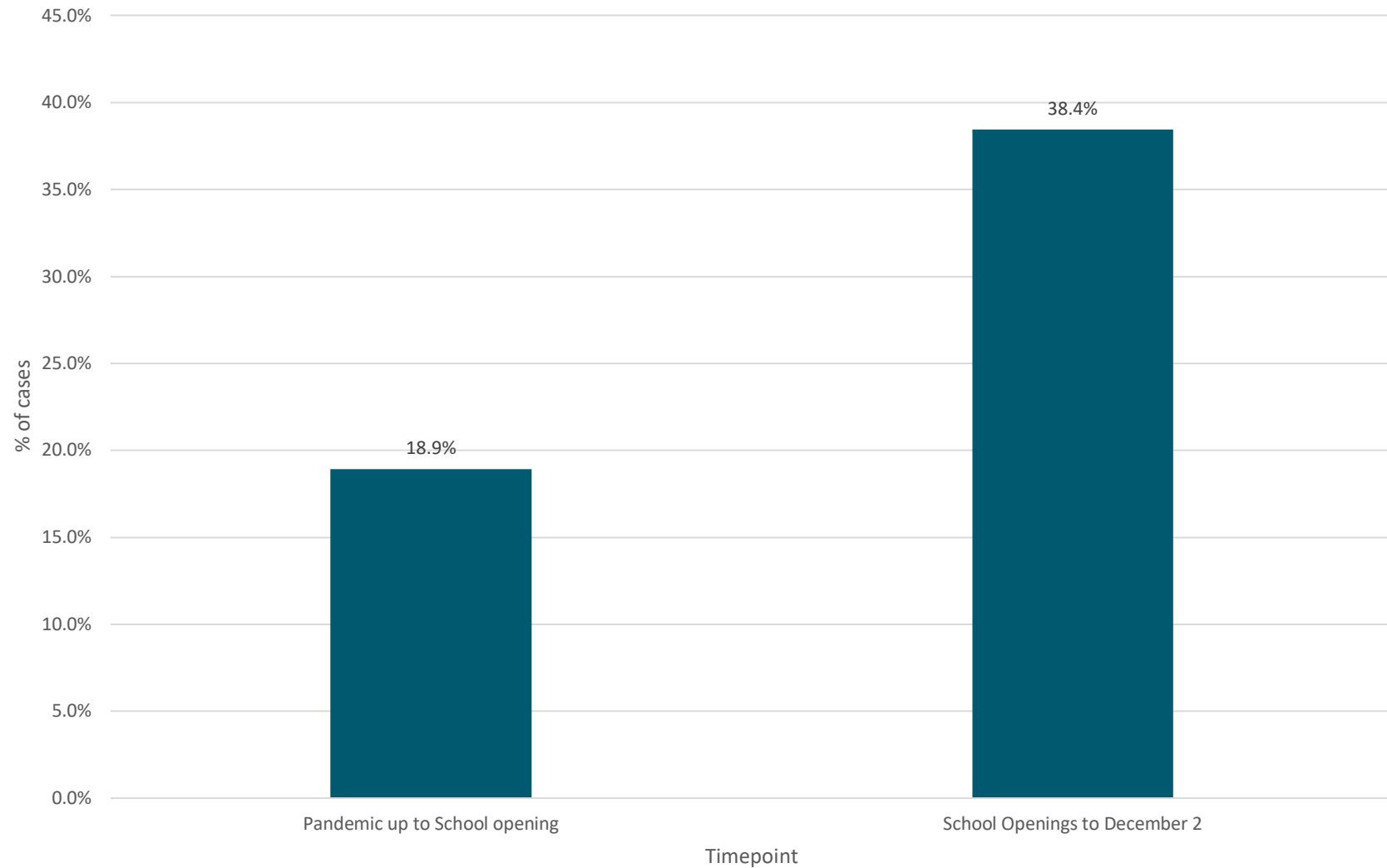
Percentage of school-aged COVID-19 cases prior to re-opening versus after reopening (WEC)



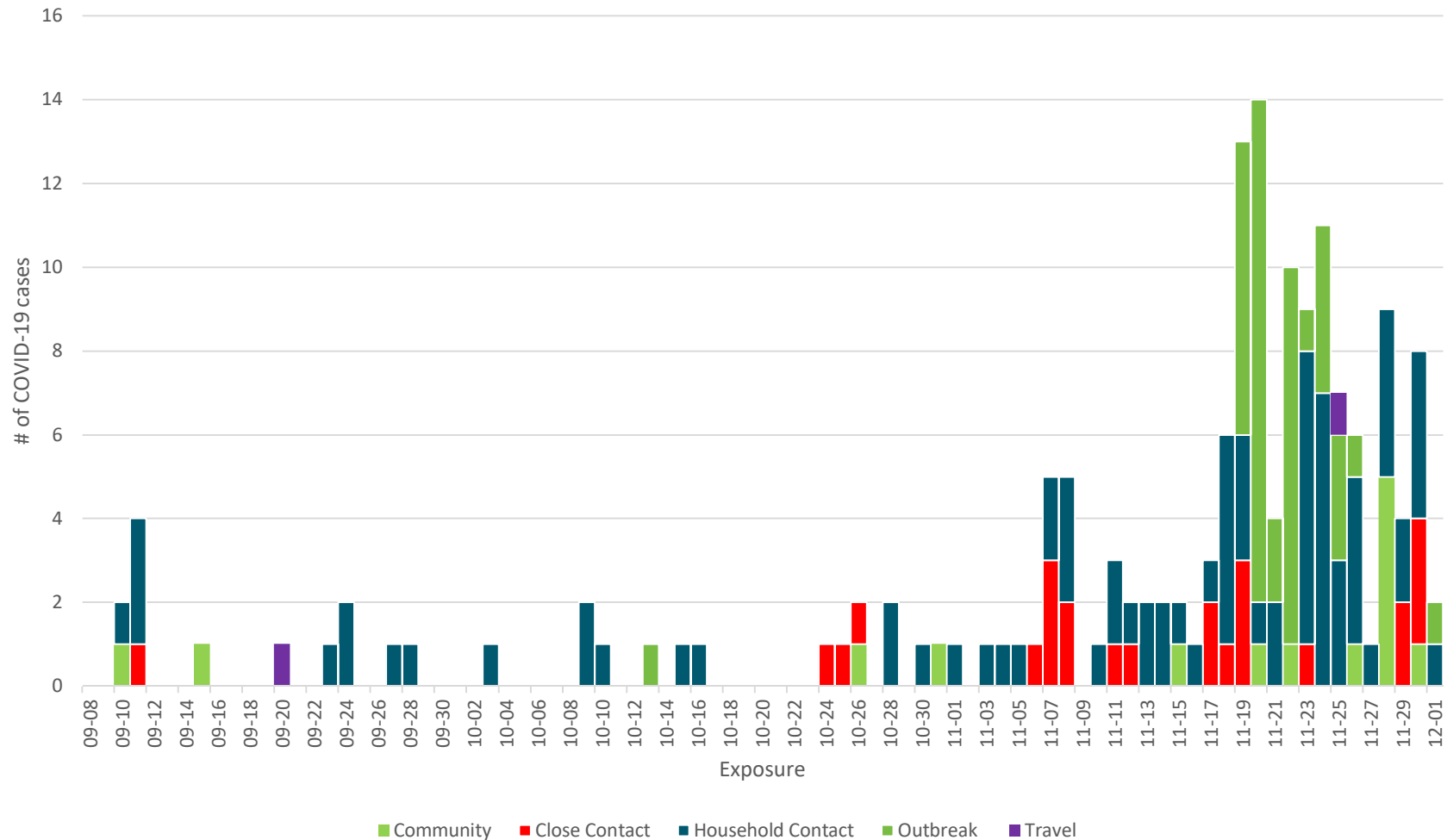
Acquisition source among school-aged children



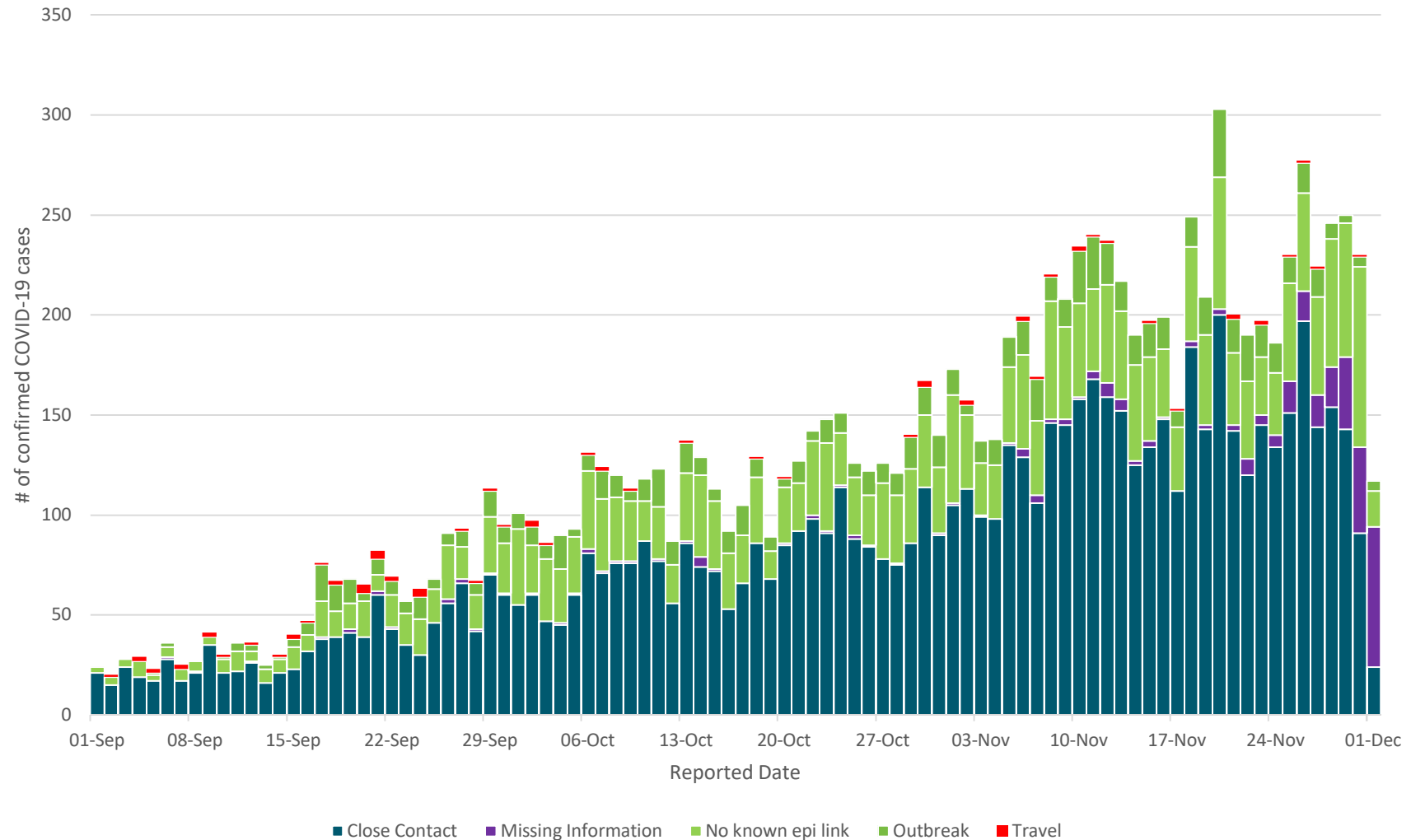
%age of JK and Gr 3 prior to schools re-opening and after in WEC



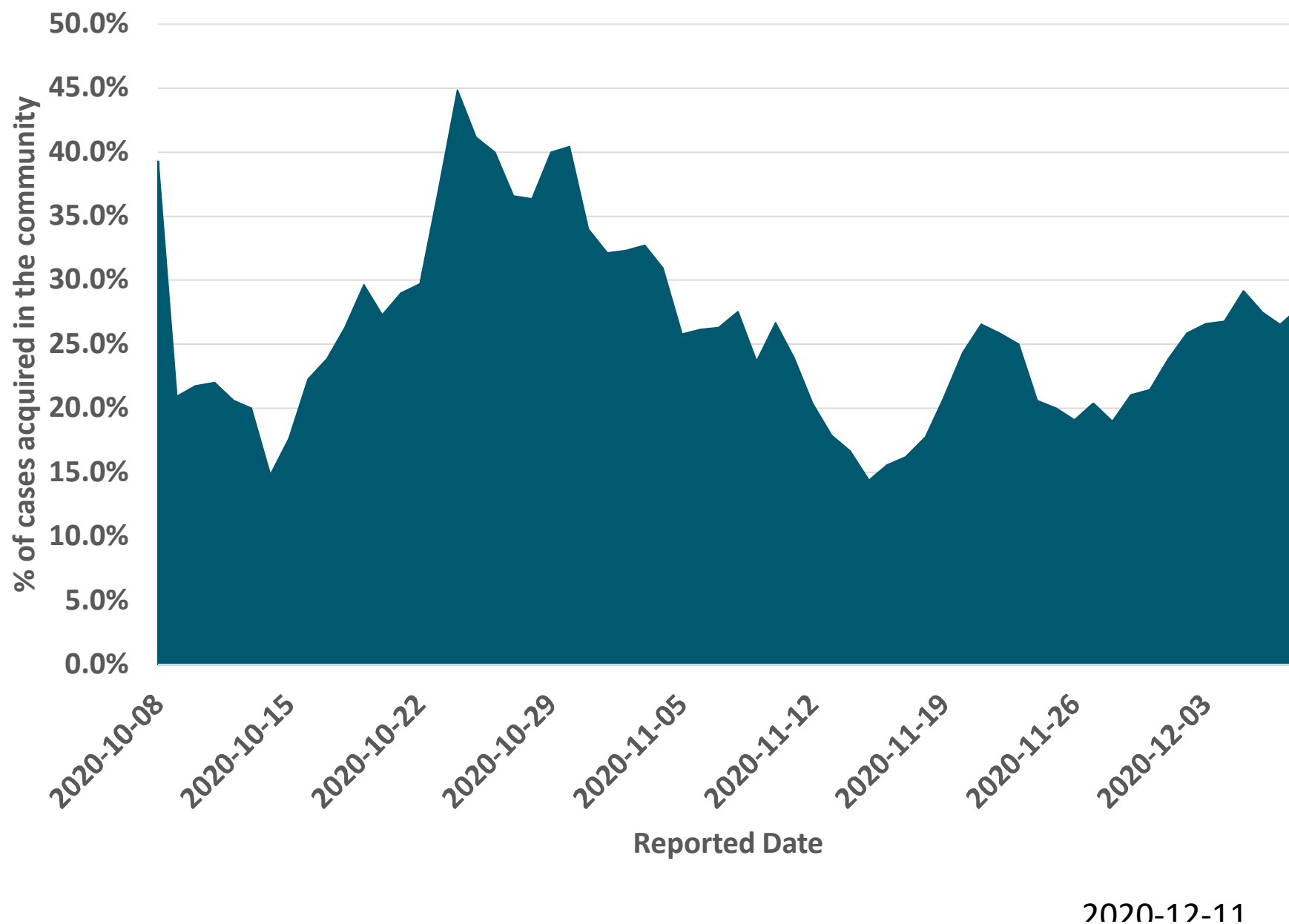
Epi Curve of acquisition exposure type in school aged children (Sept 8 – Dec 2) WEC



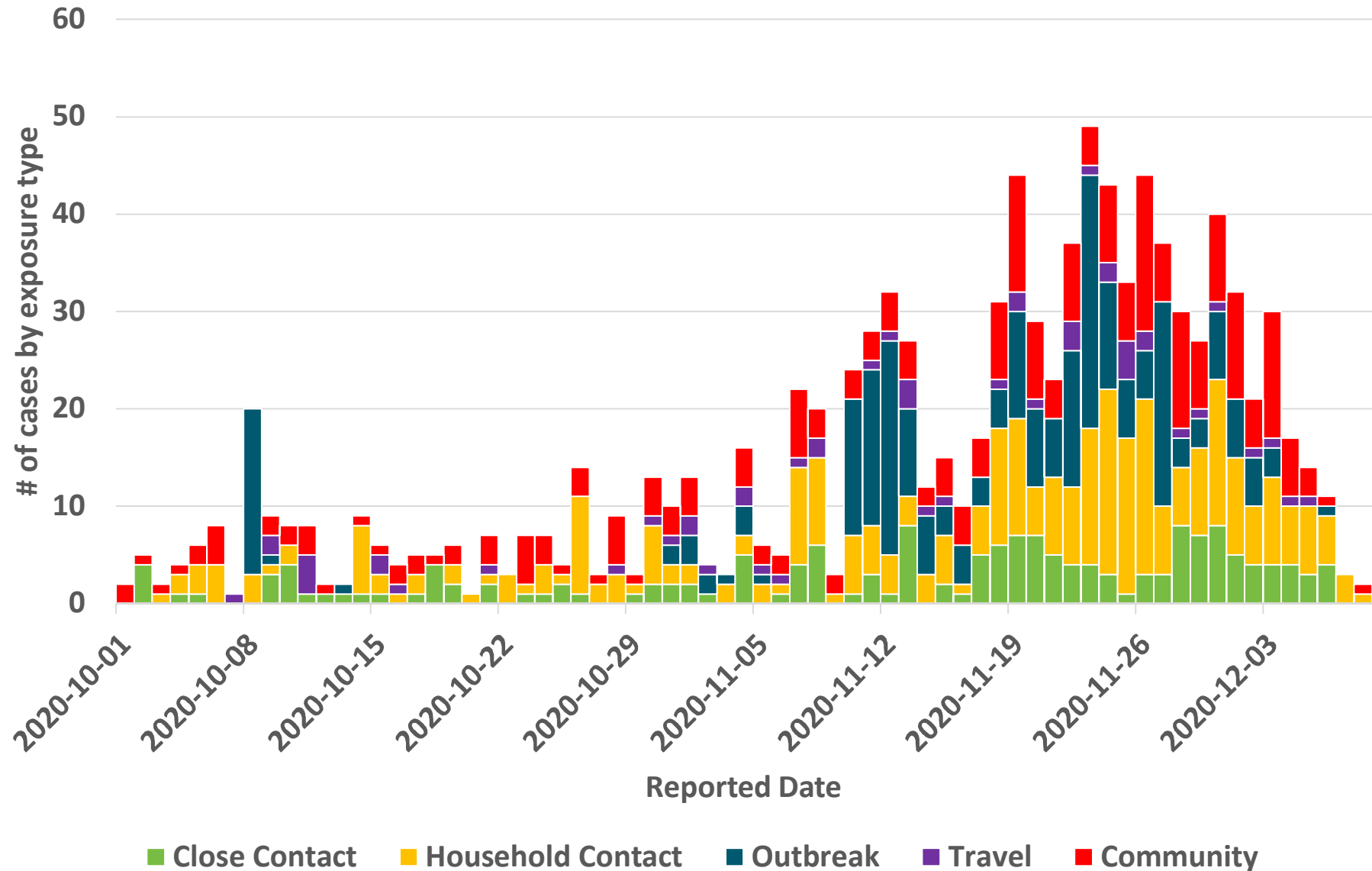
Epi curve of exposure type in school aged children post re-opening in Ontario (Sep8-Dec2)



Non Epi-Linked Cases (Community Transmission) 7-Day Avg

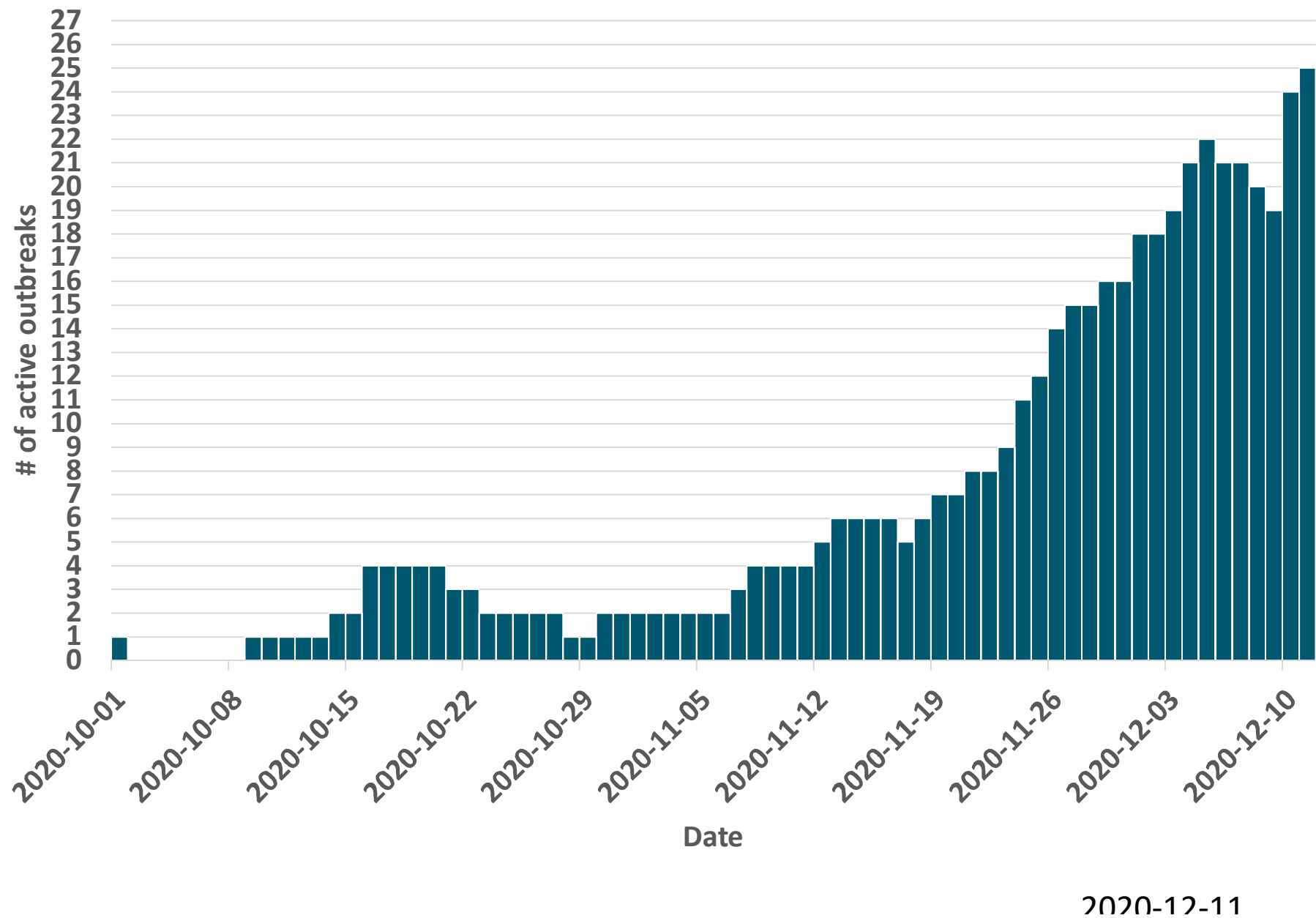


Exposure History by Reported Date (Oct to Present)

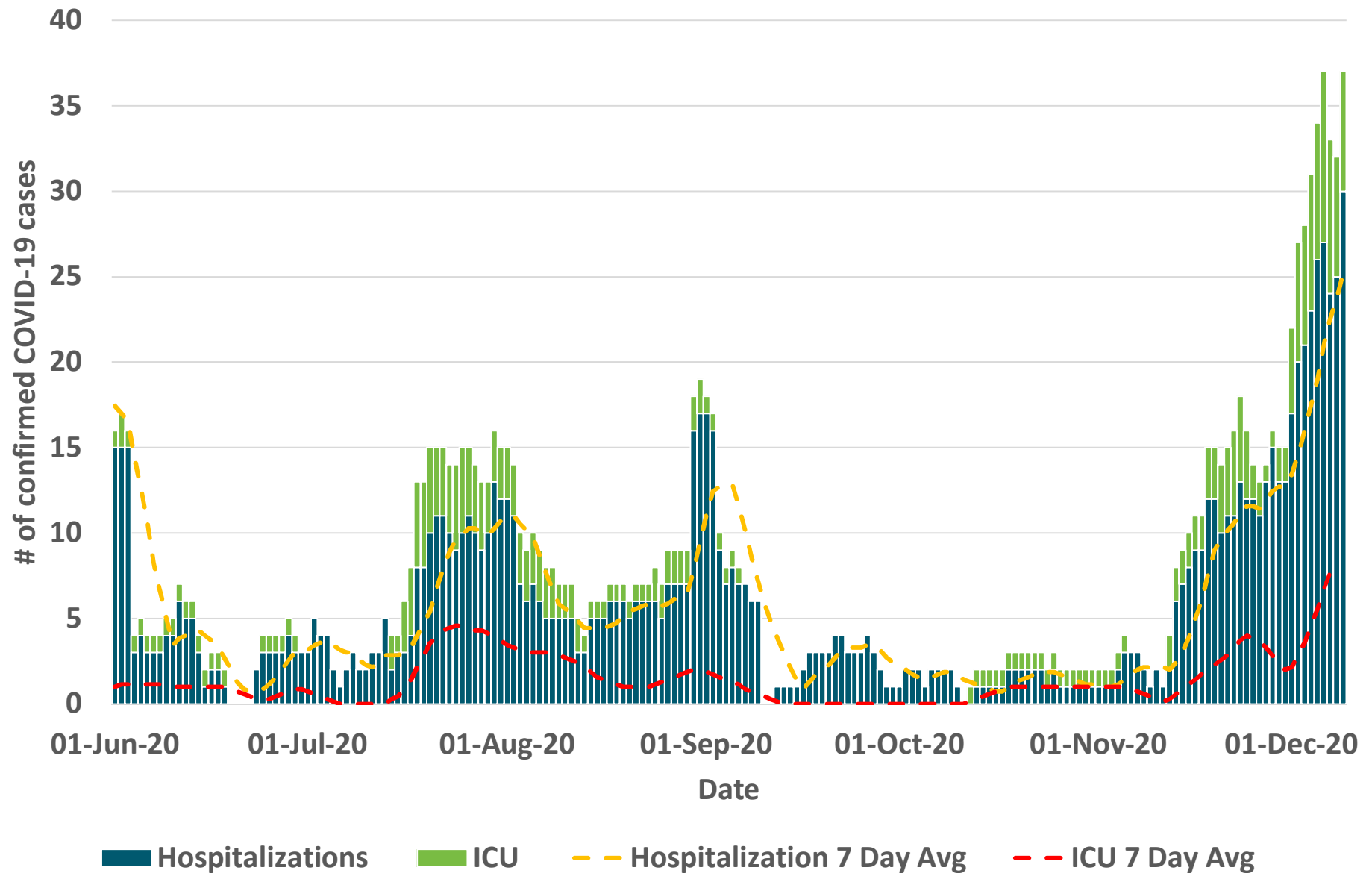


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Active Outbreaks

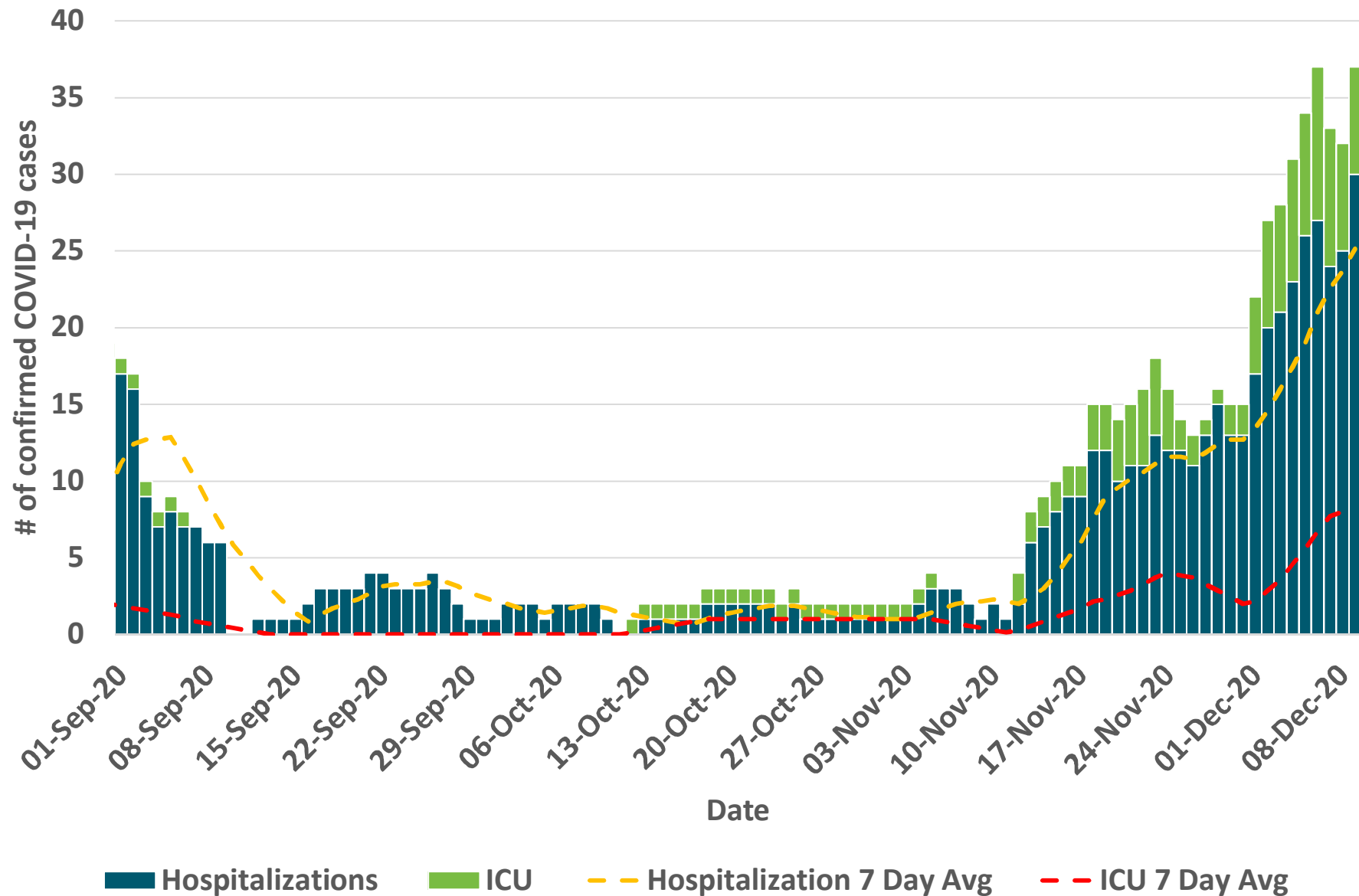


Hospitalizations & ICU for COVID-19



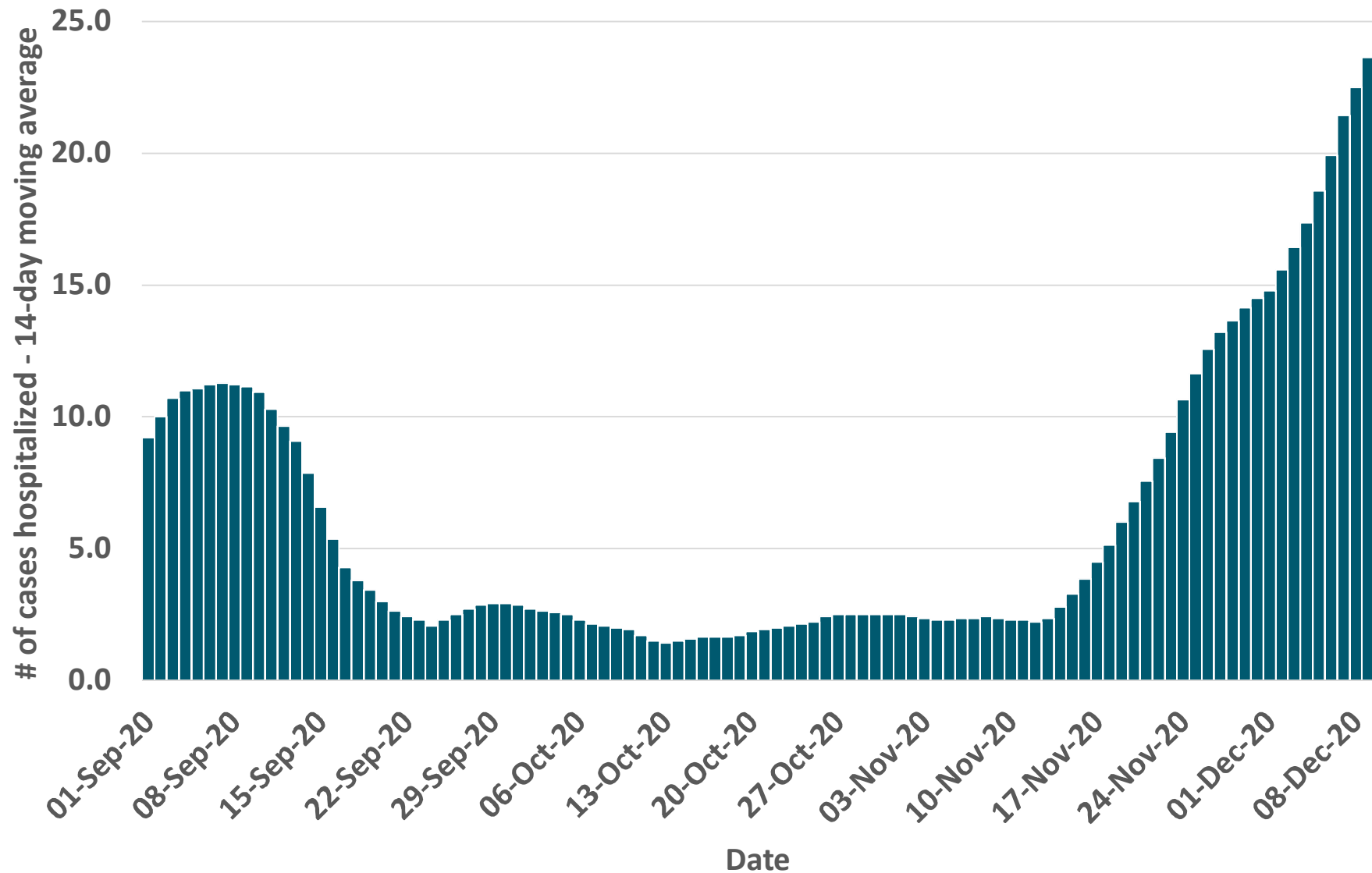
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Hospitalizations & ICU for COVID-19 (Sep-Dec)



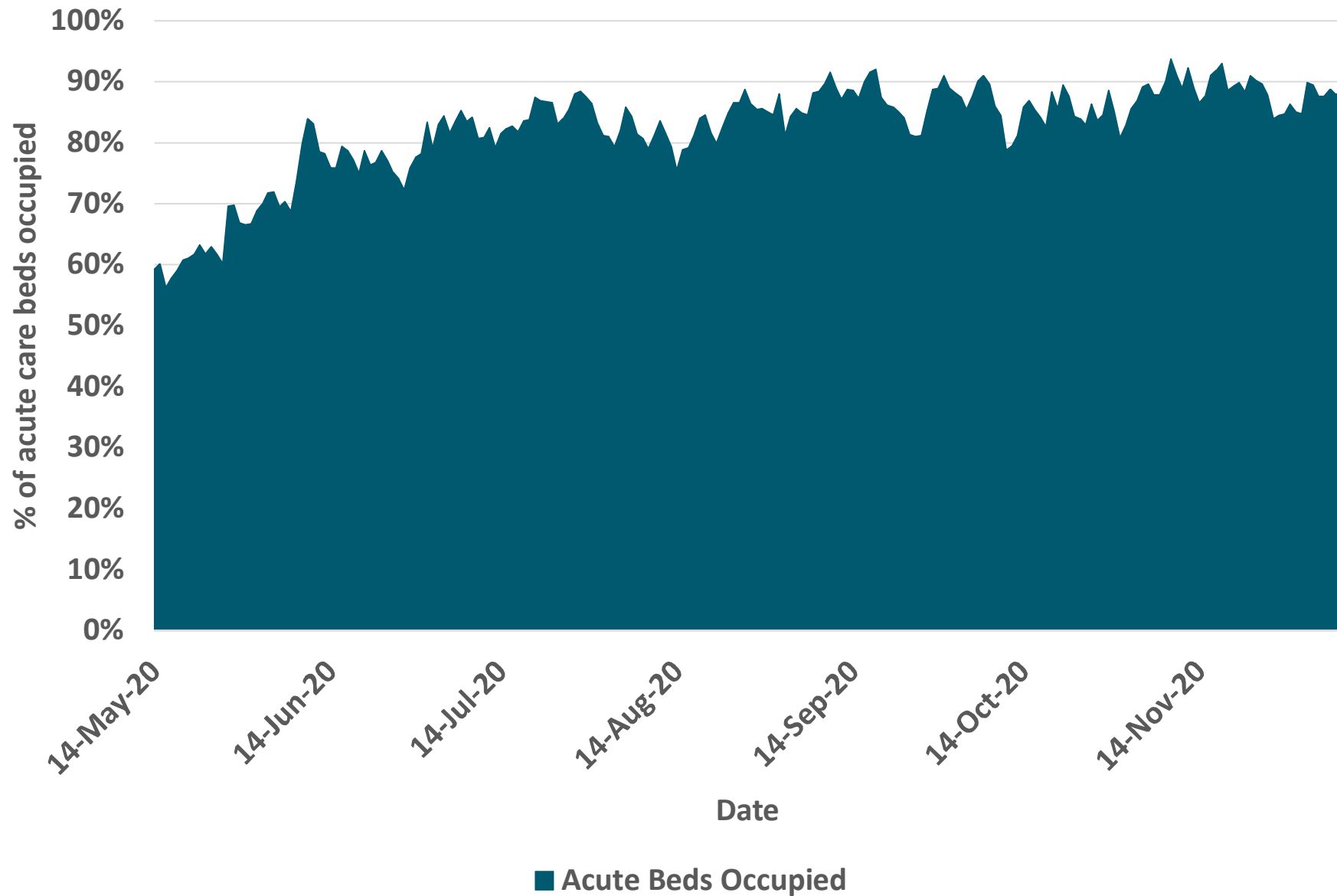
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COVID-19 Hospitalizations in Windsor-Essex (Sept to Present) 14 Day Average



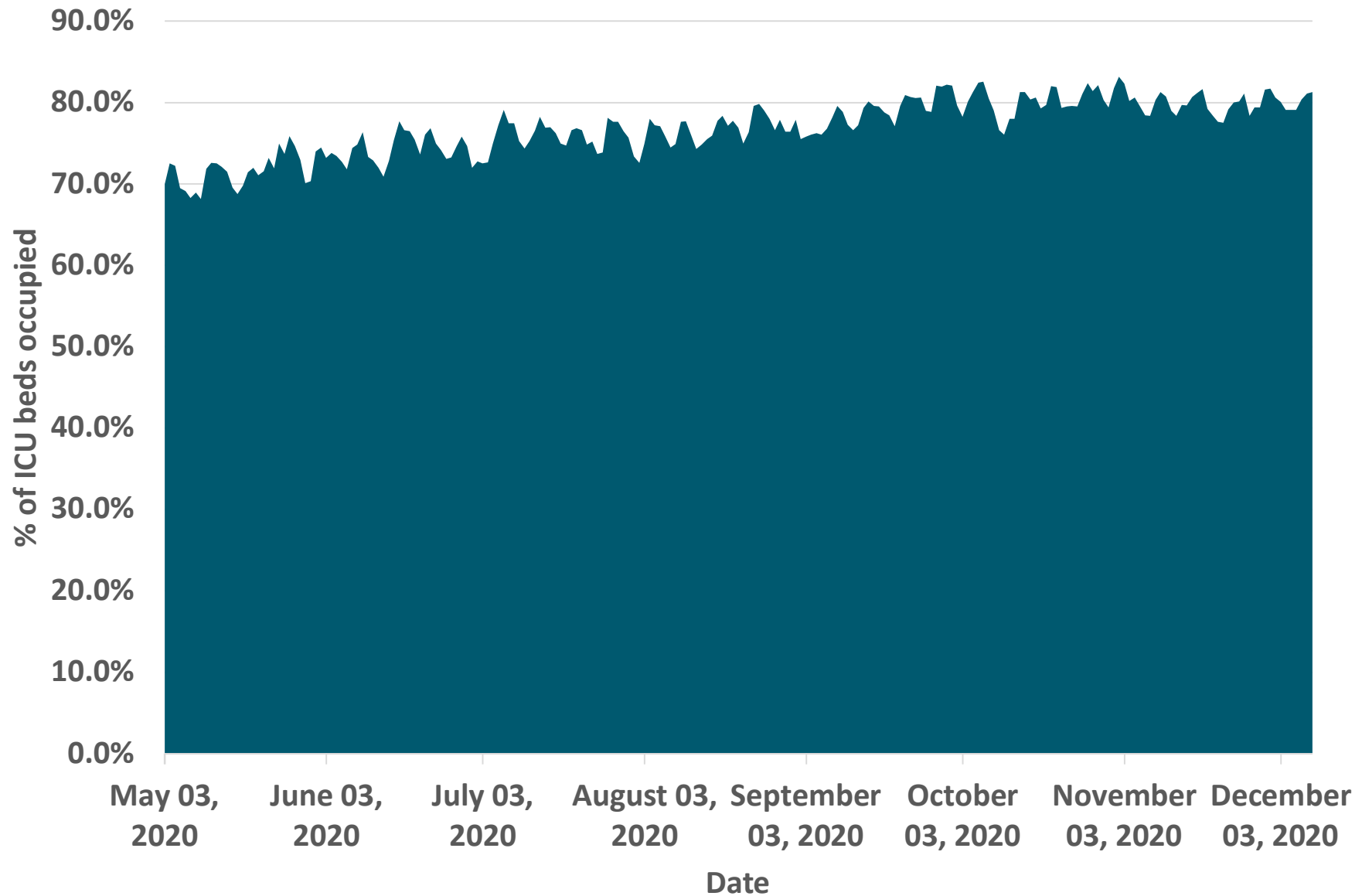
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Acute Care Capacity

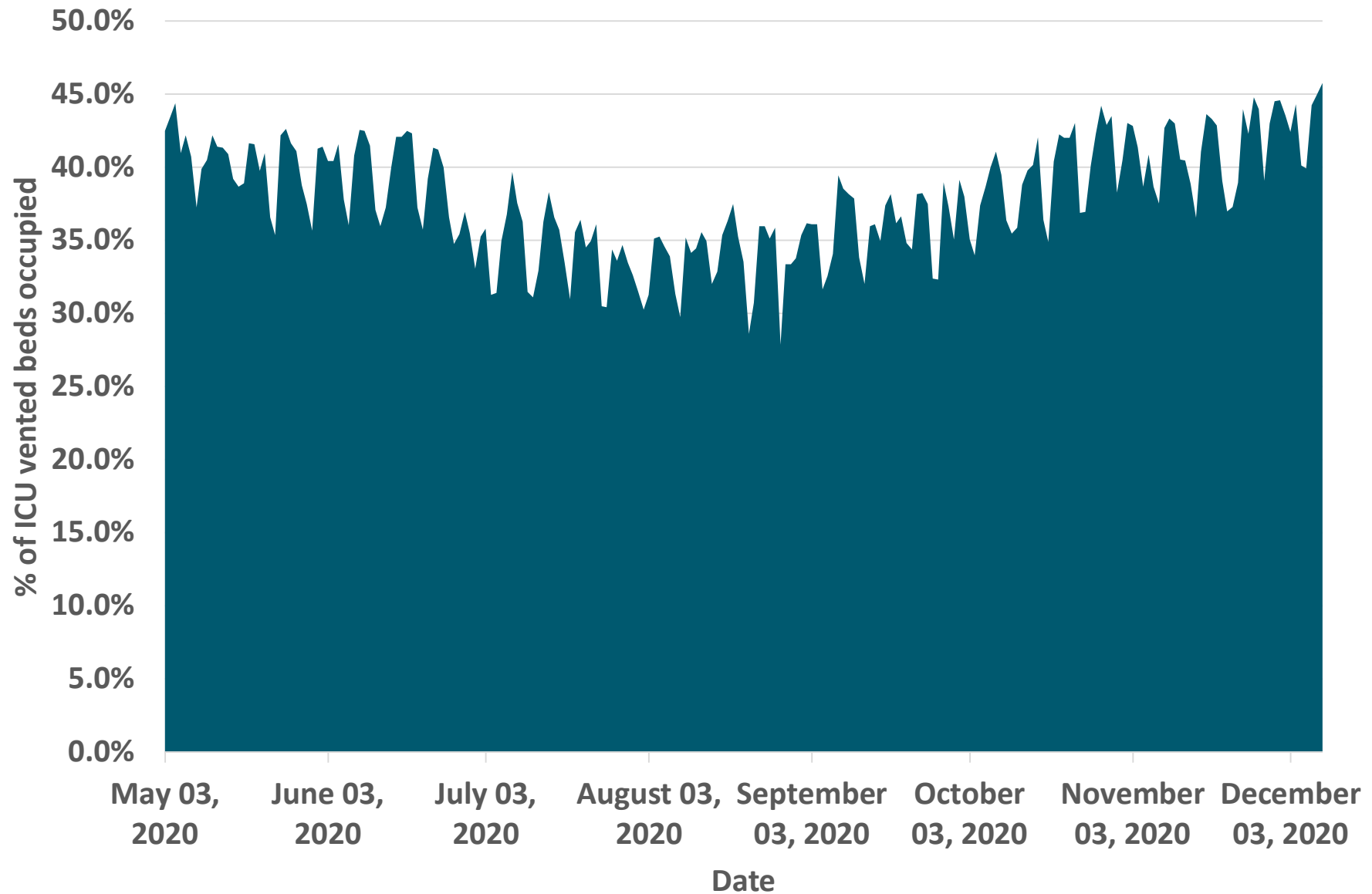


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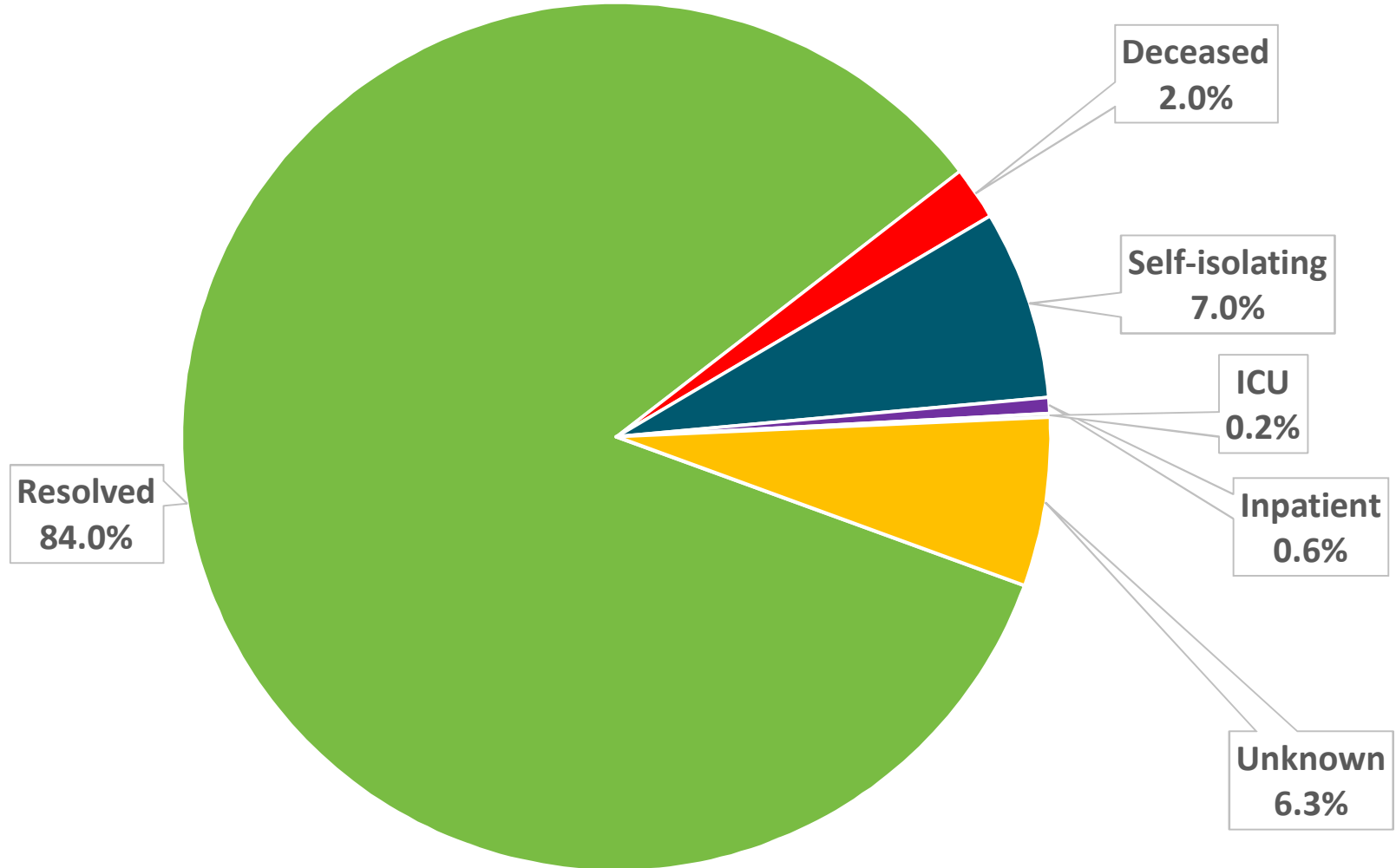
Adult Critical Care Capacity



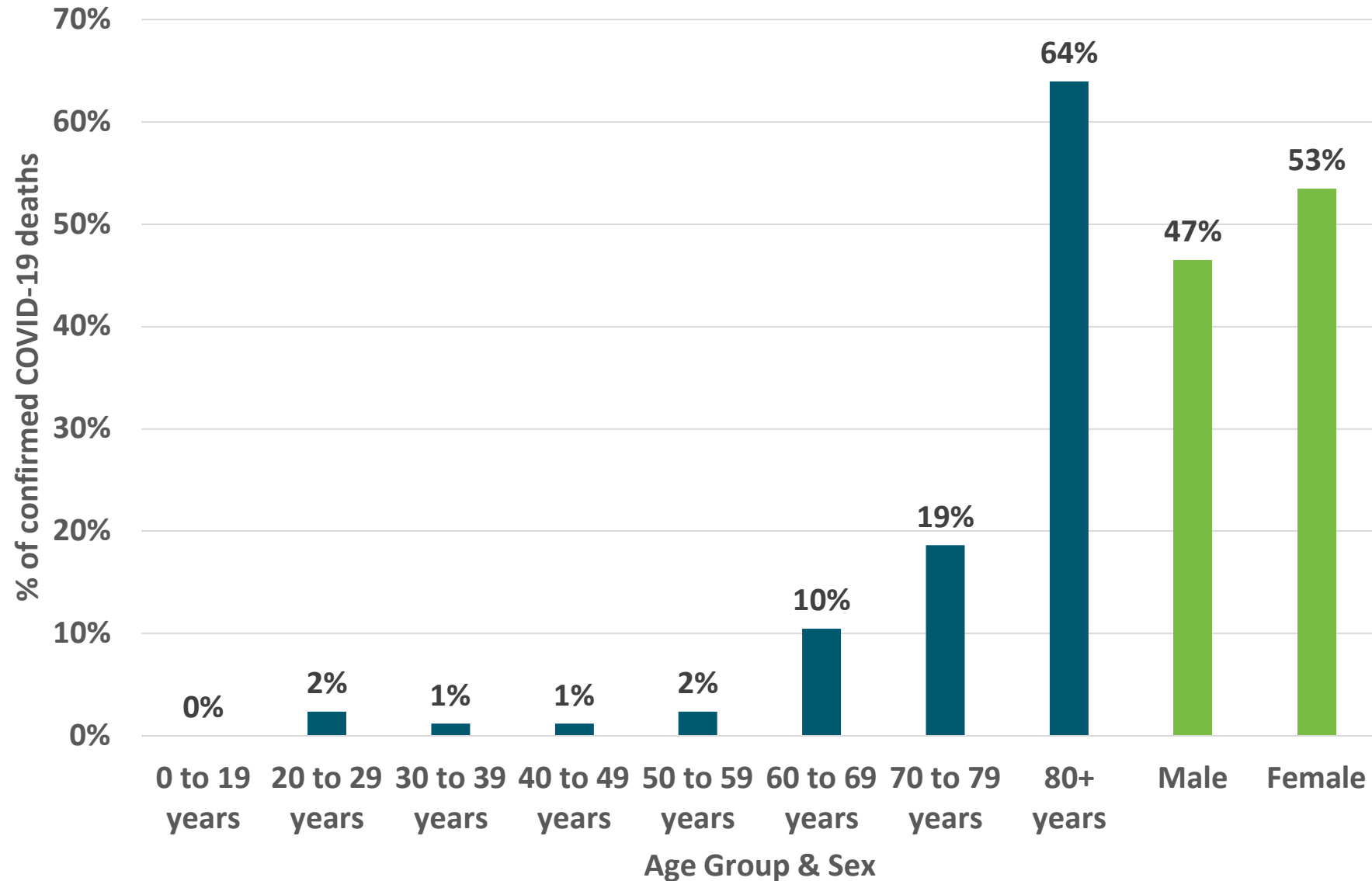
Adult Vented Critical Care Capacity



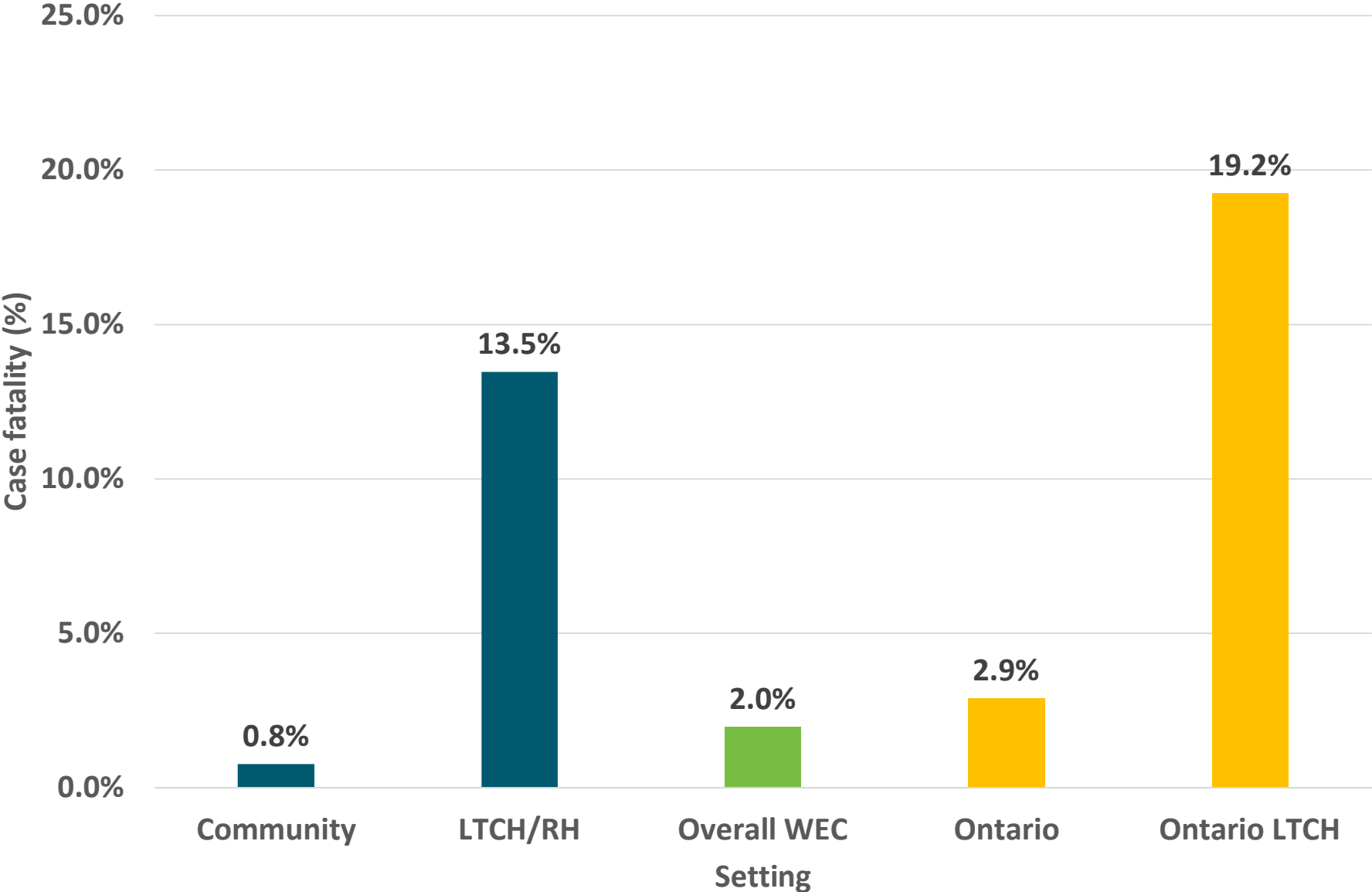
Current Outcomes



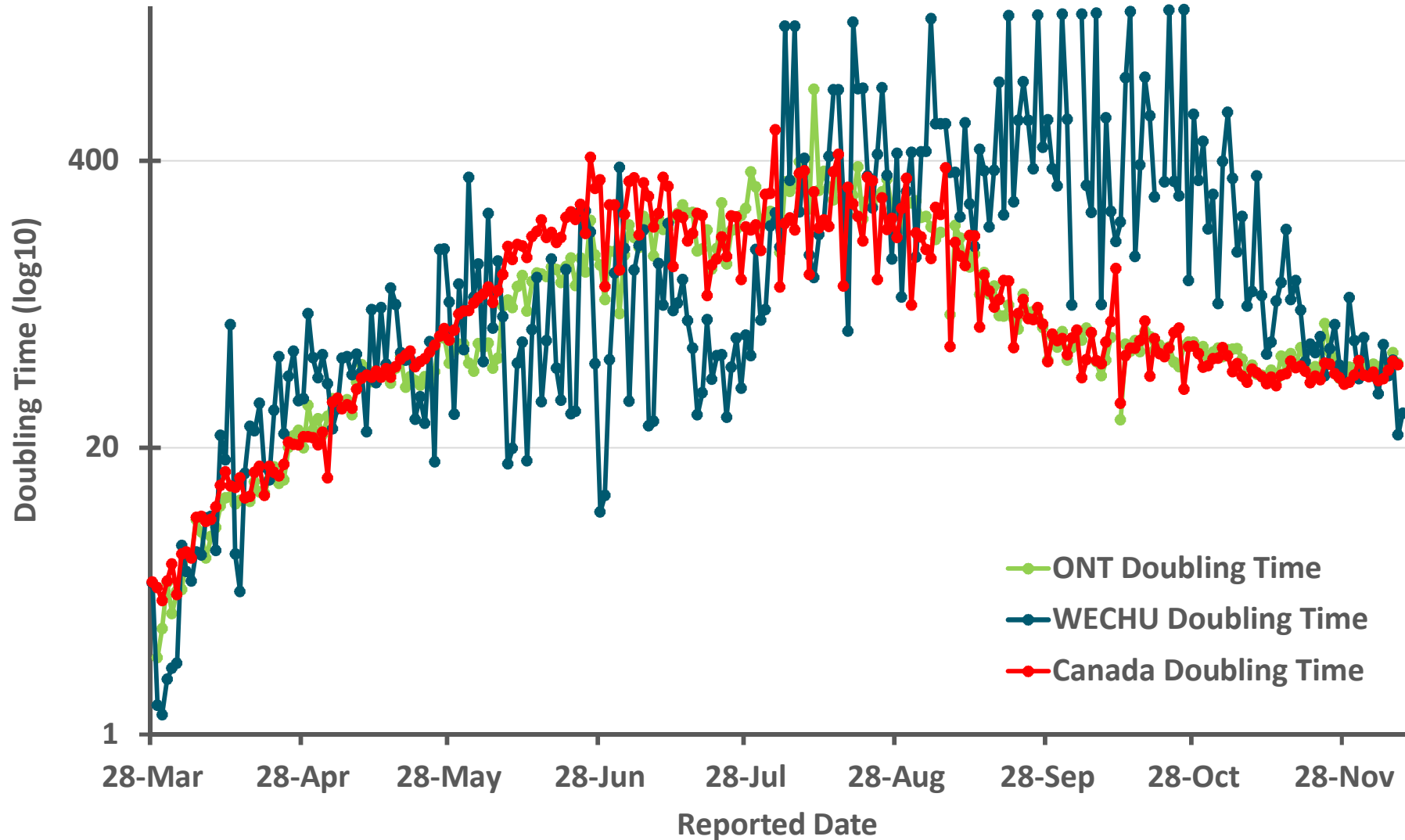
Age & Sex Breakdown of COVID-19 Deaths



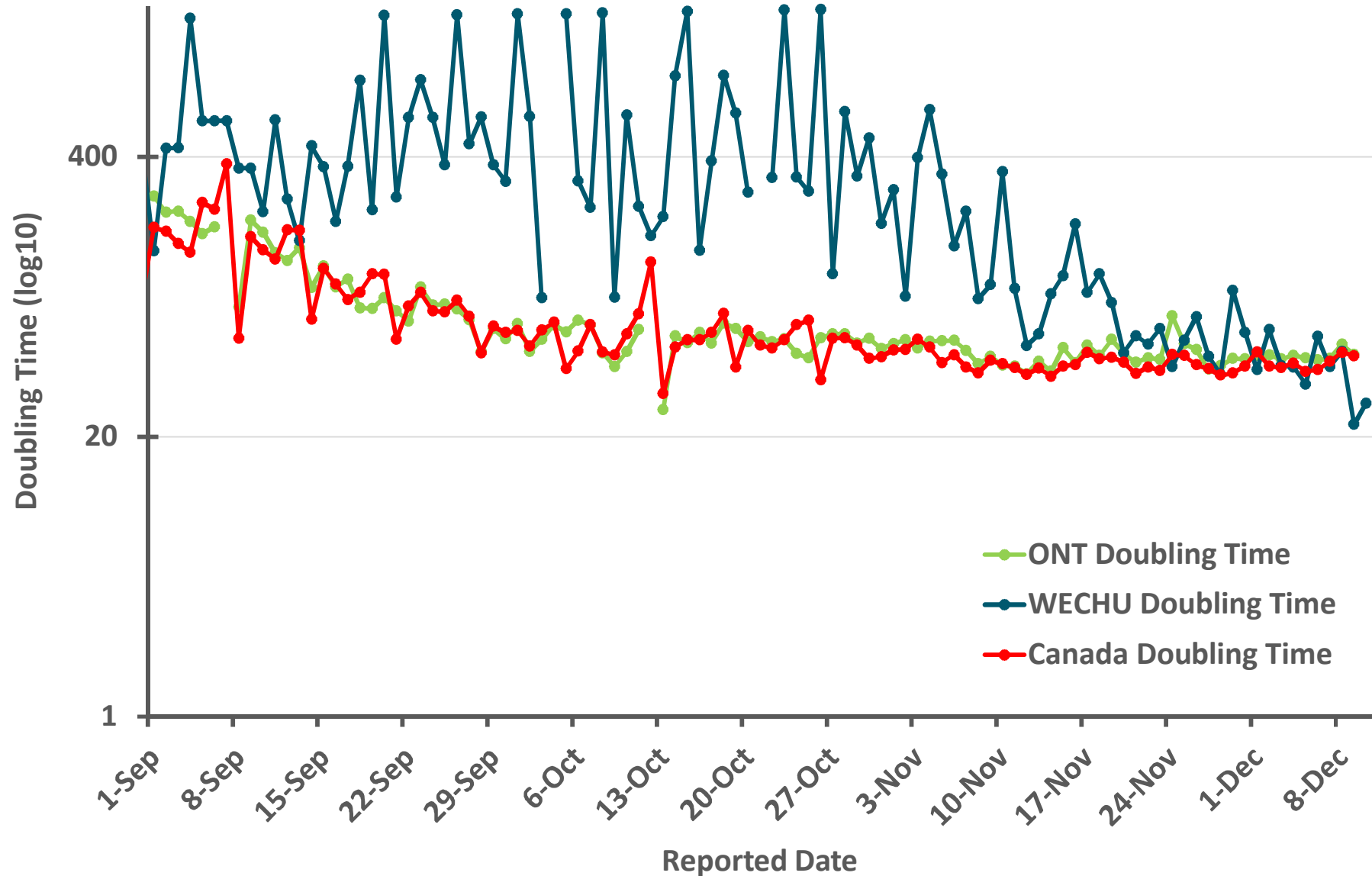
Case Fatality Rate



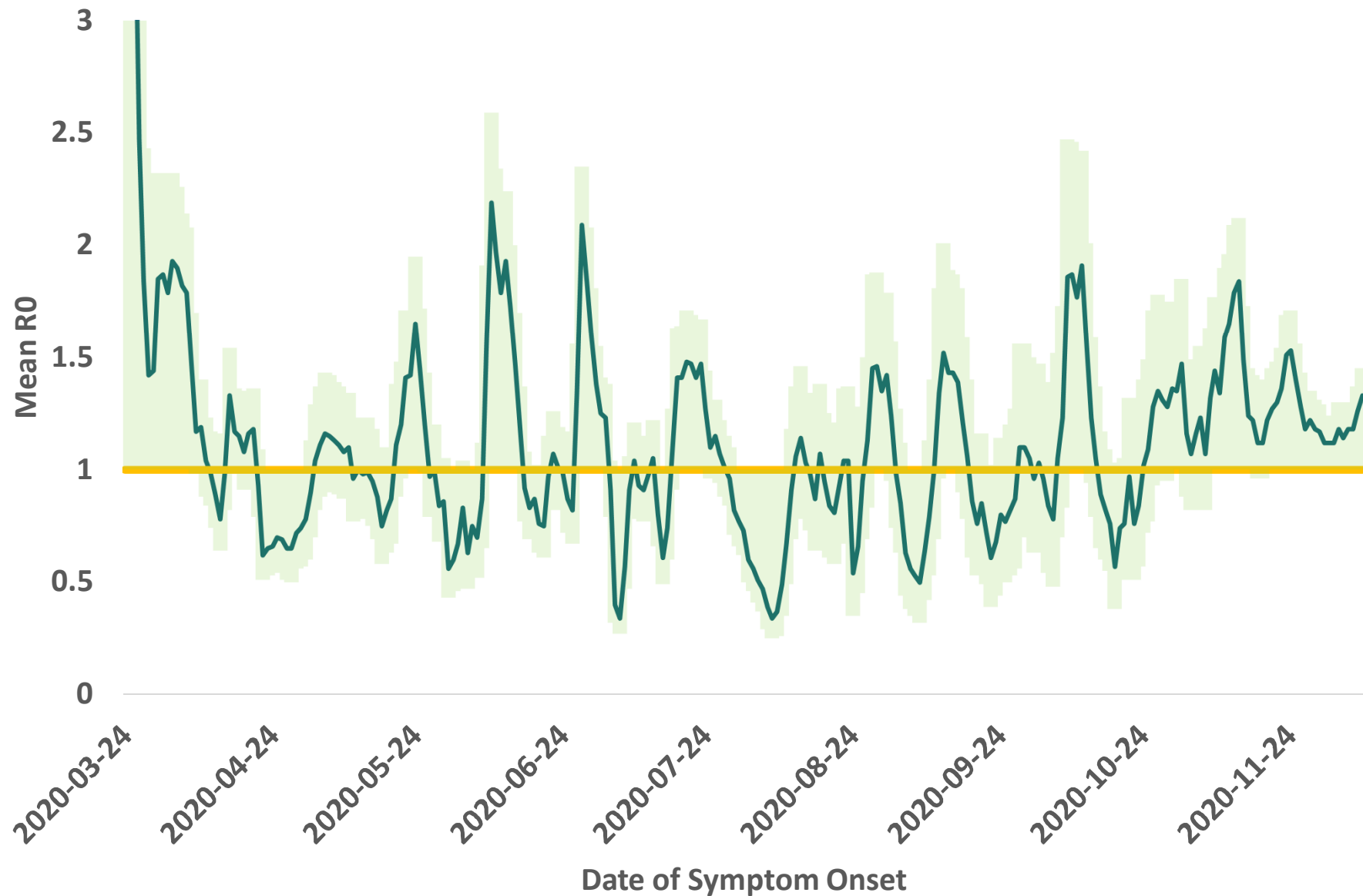
Doubling Time (Day over Day Comparison)



Doubling Time (Day over Day Comparison)



Median R0 (Effective)



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Summary

- The case rate in Windsor-Essex County is increasing at a rapid rate much higher than the provincial rates.
- Acquisition source is distributed between household contacts, close contacts and outbreaks indicated widespread community transmission.
- COVID-19 related hospitalizations has increased and the number of active outbreaks in the region has increased significantly.
- Day-over-day doubling time in Windsor-Essex has decreased dramatically and is worse than Ontario and Canada
- R_0 (effective) value is 1.33 indicating an increase in transmission in Windsor-Essex