



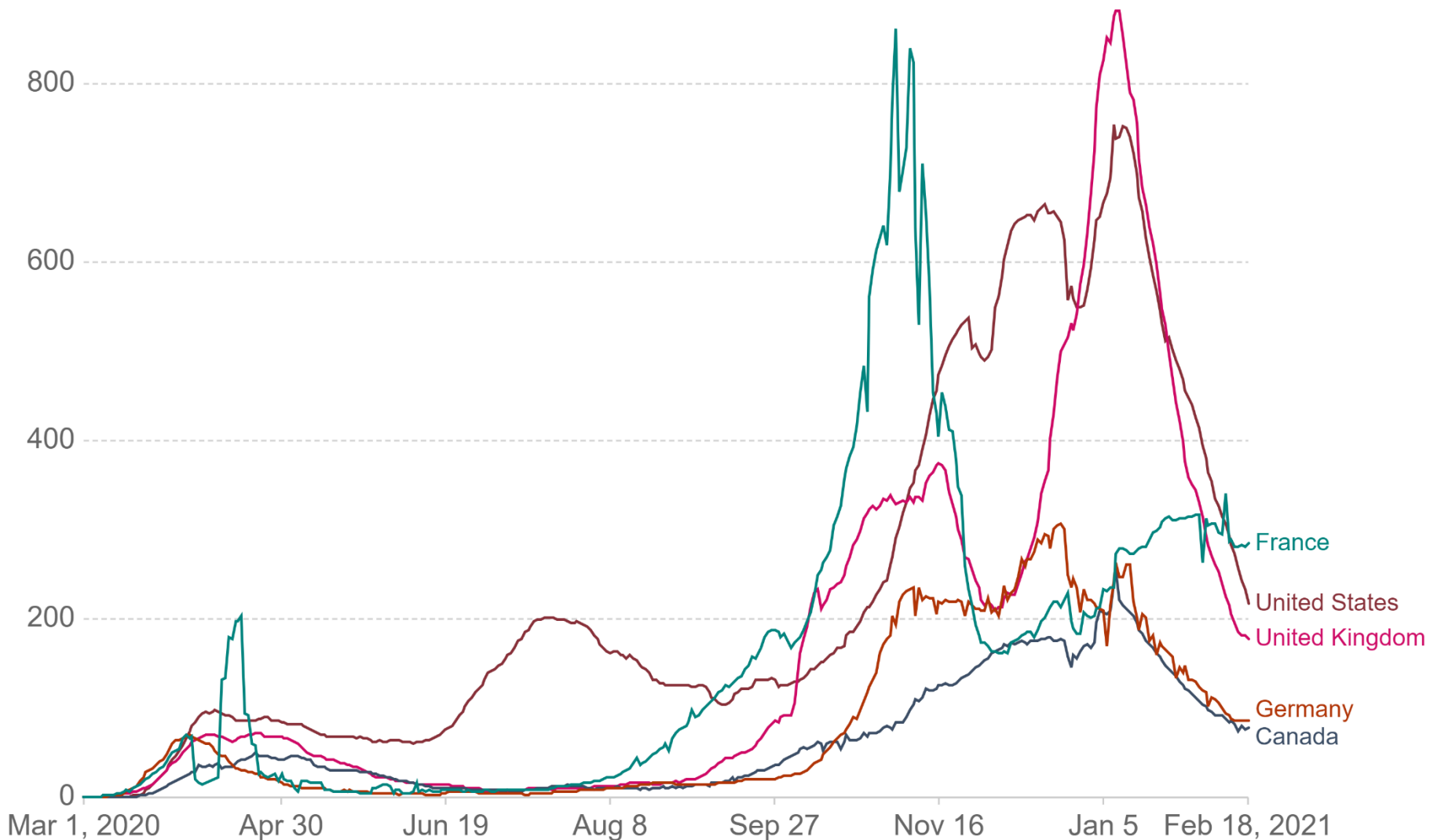
COVID-19 *LIVE UPDATE*

February 19, 2021

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.



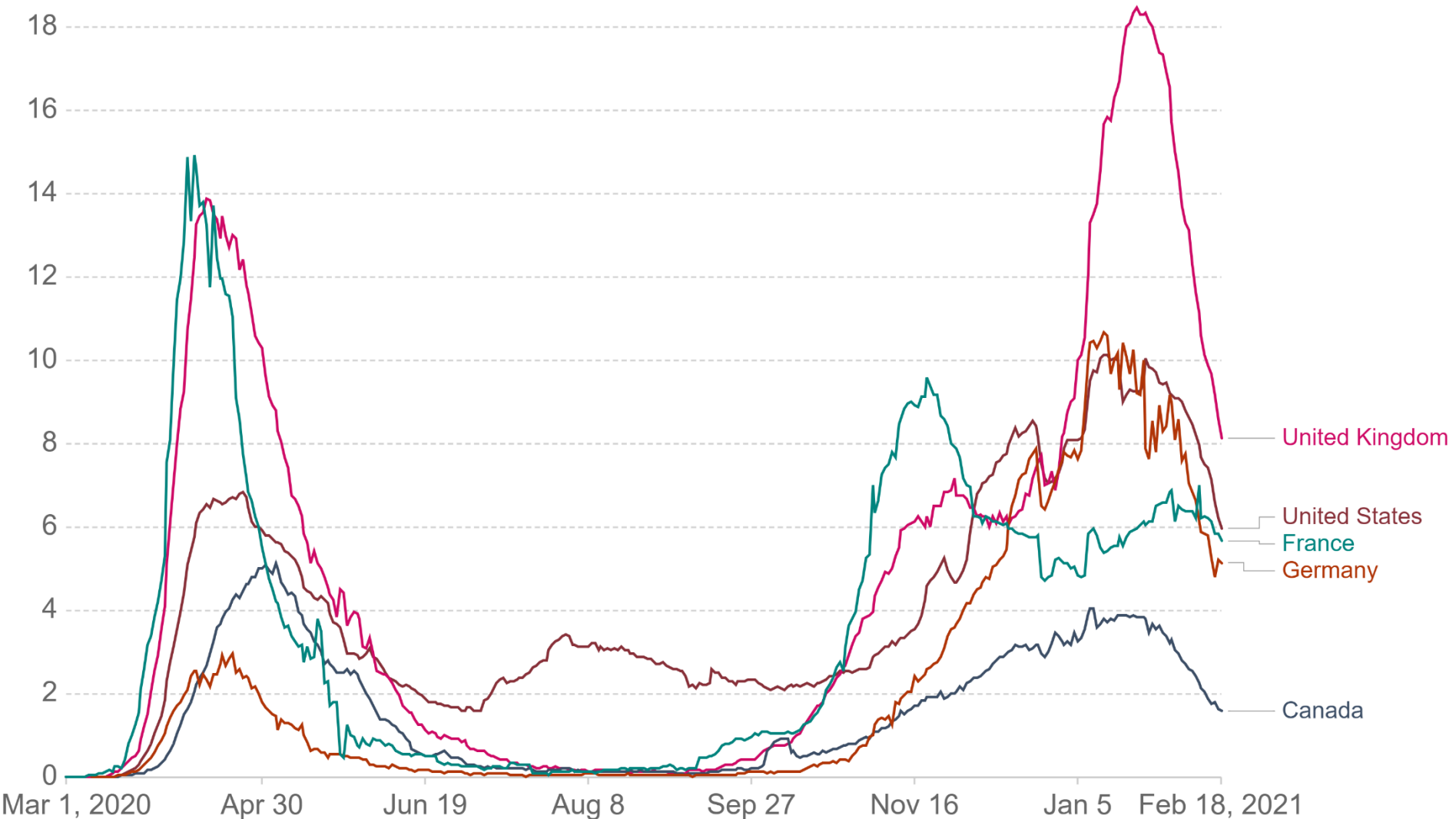
Source: Johns Hopkins University CSSE COVID-19 Data – Last updated 19 February, 09:03 (London time)

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2021-02-22

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.

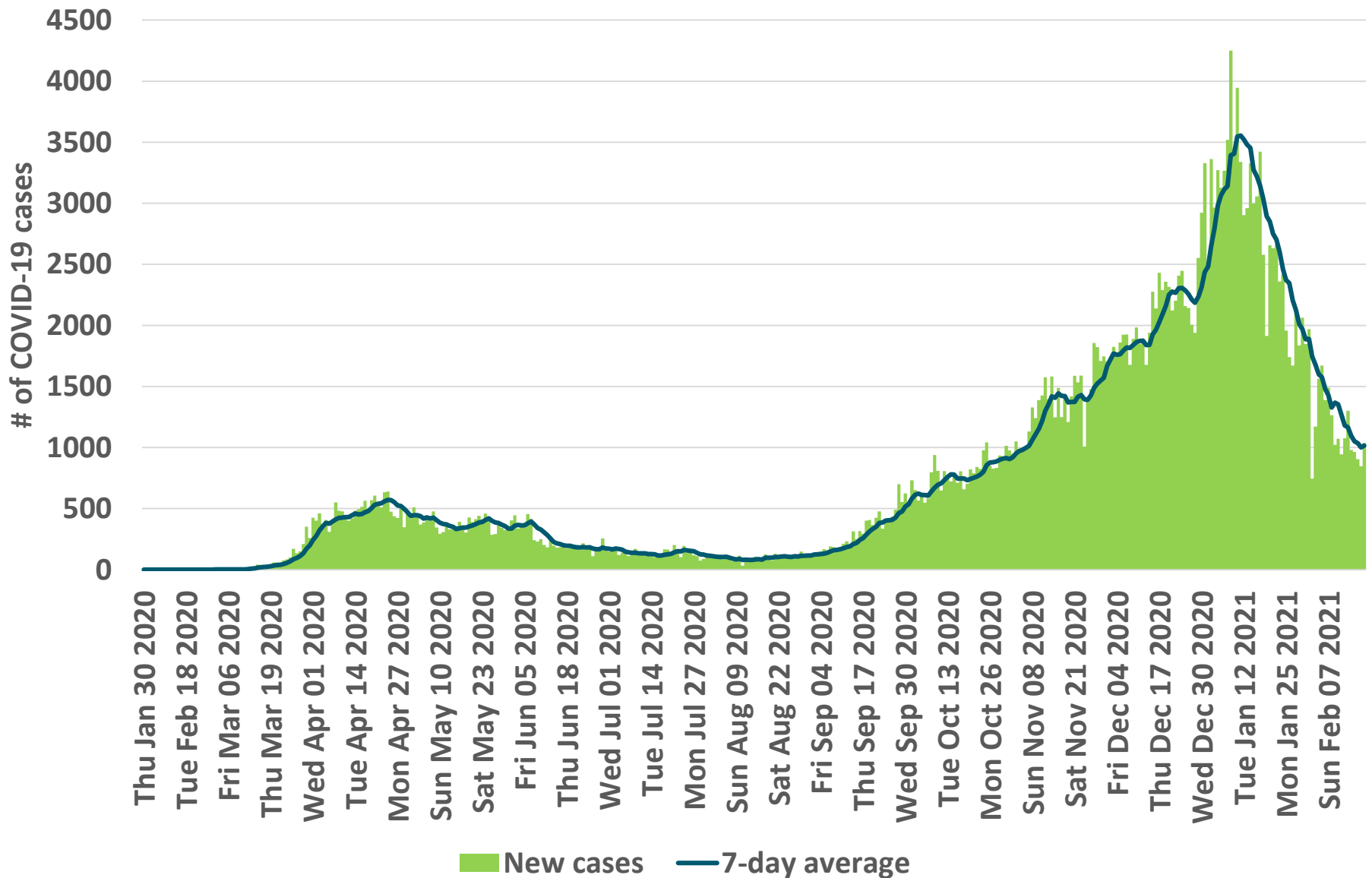


Source: Johns Hopkins University CSSE COVID-19 Data – Last updated 19 February, 09:03 (London time)

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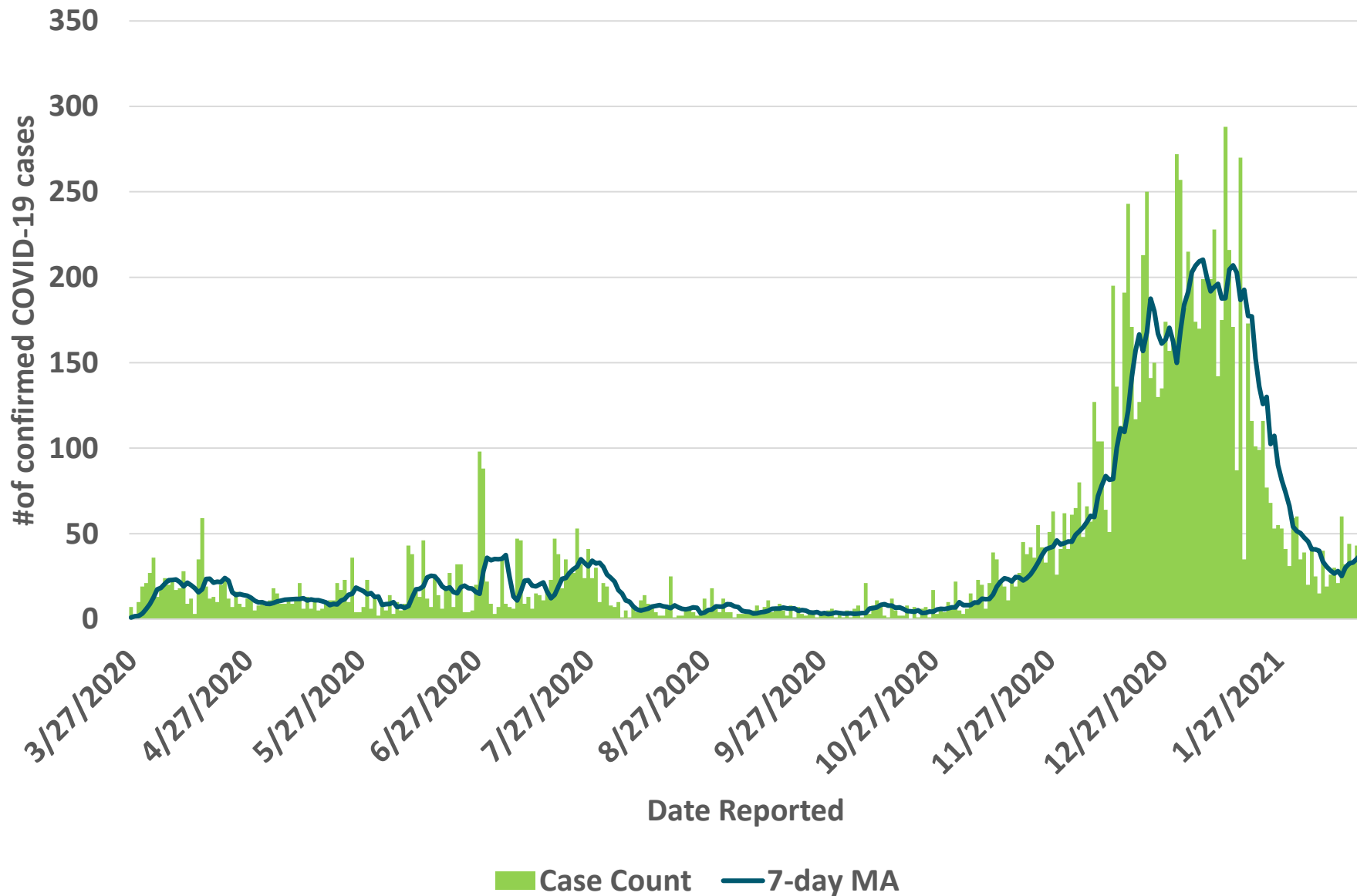
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Number of Cases in Ontario (Daily New cases and 7-day average)



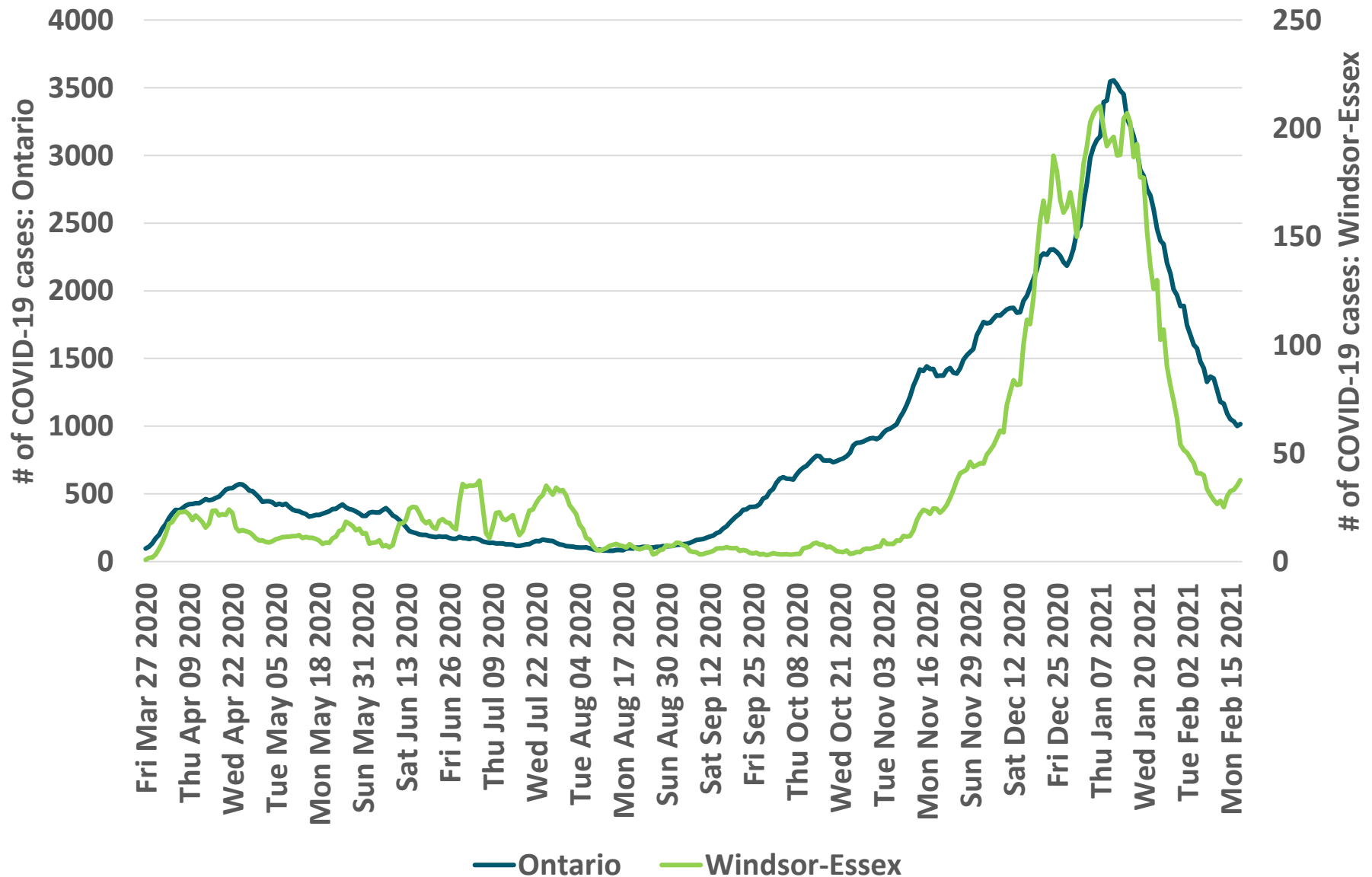
2021-02-22

Epidemic Curve by Reported Date in Windsor-Essex



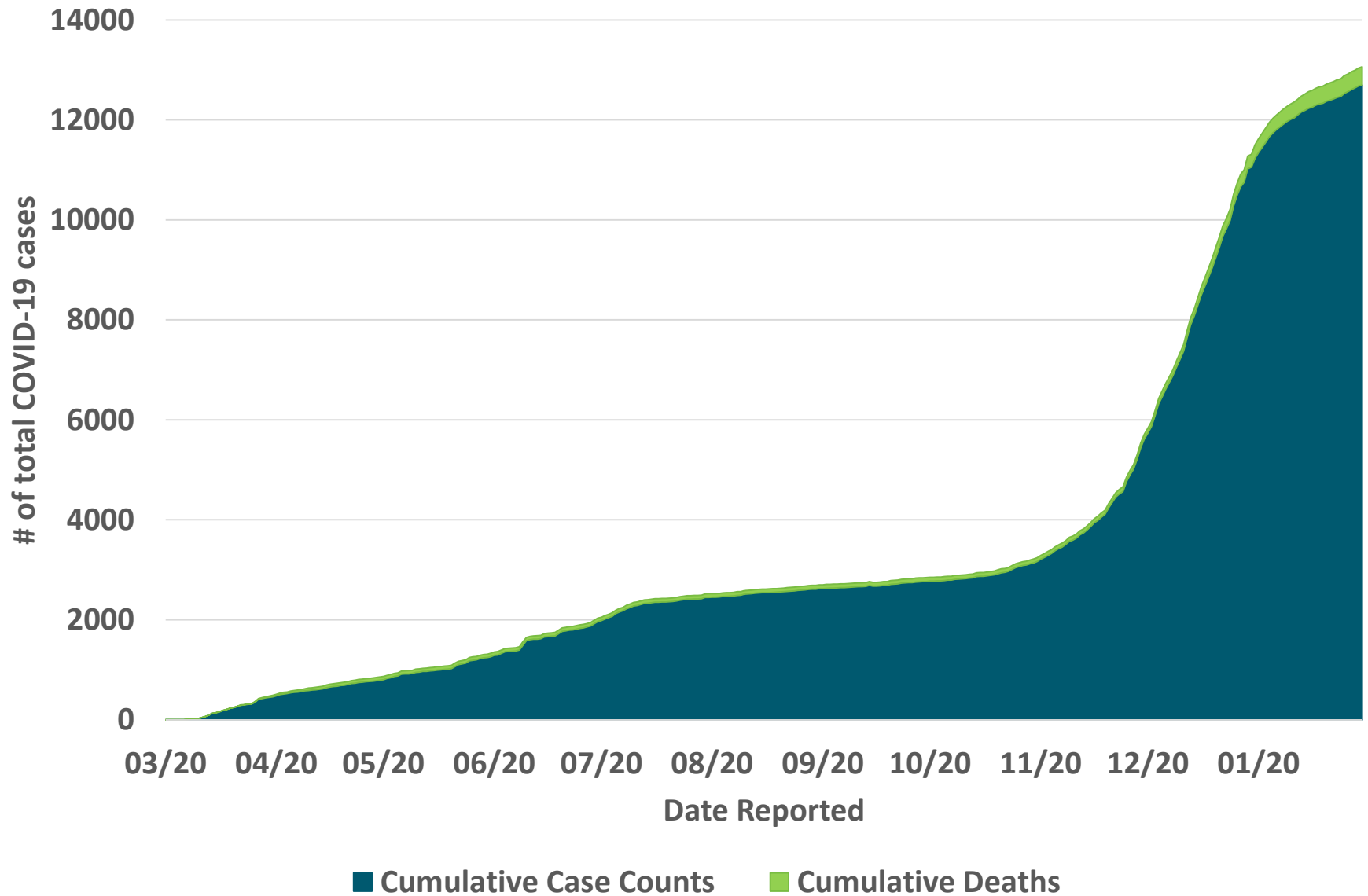
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7-Day Average Comparison: Windsor-Essex vs. Ontario



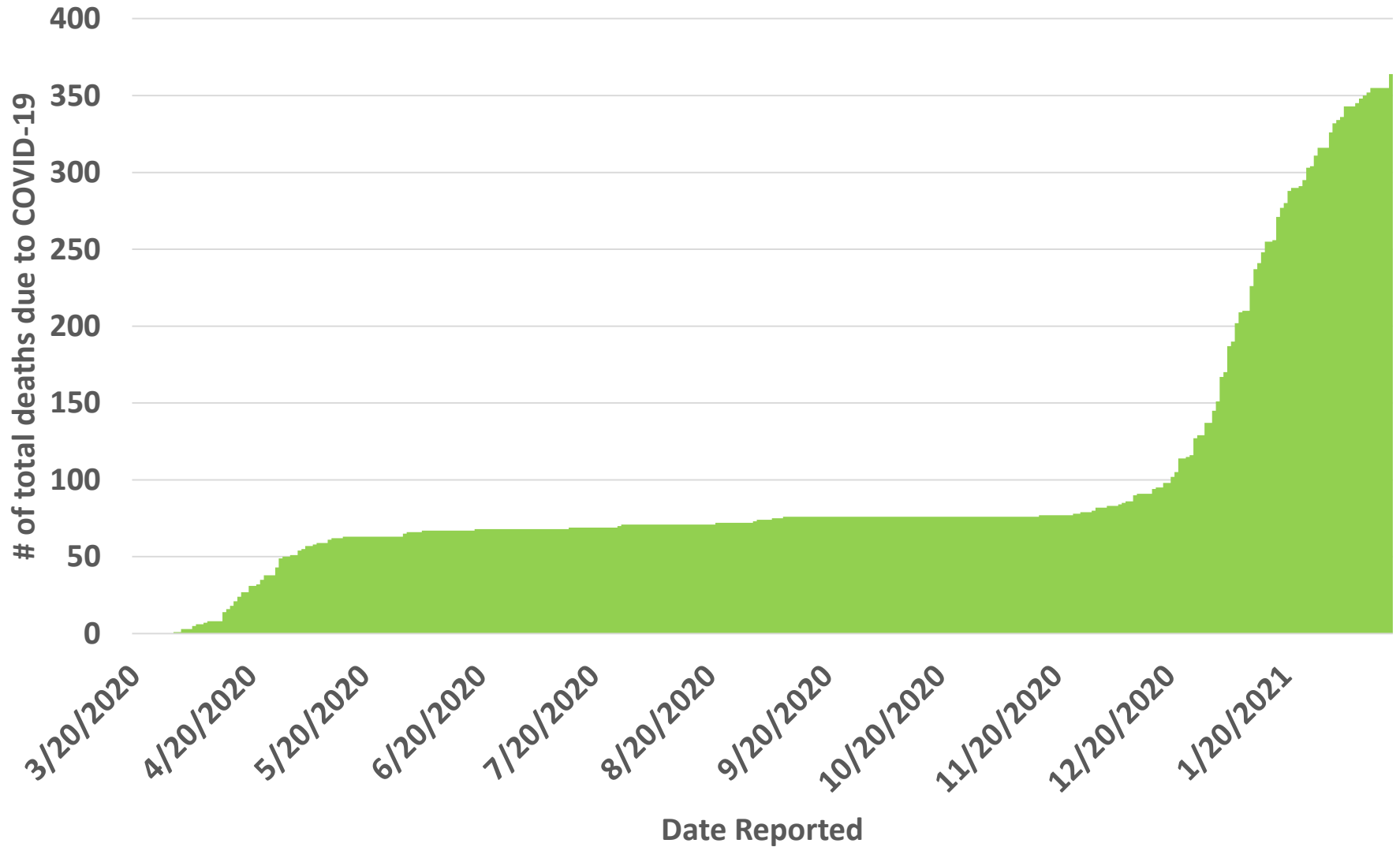
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Cumulative Cases and Deaths of COVID-19 in WEC



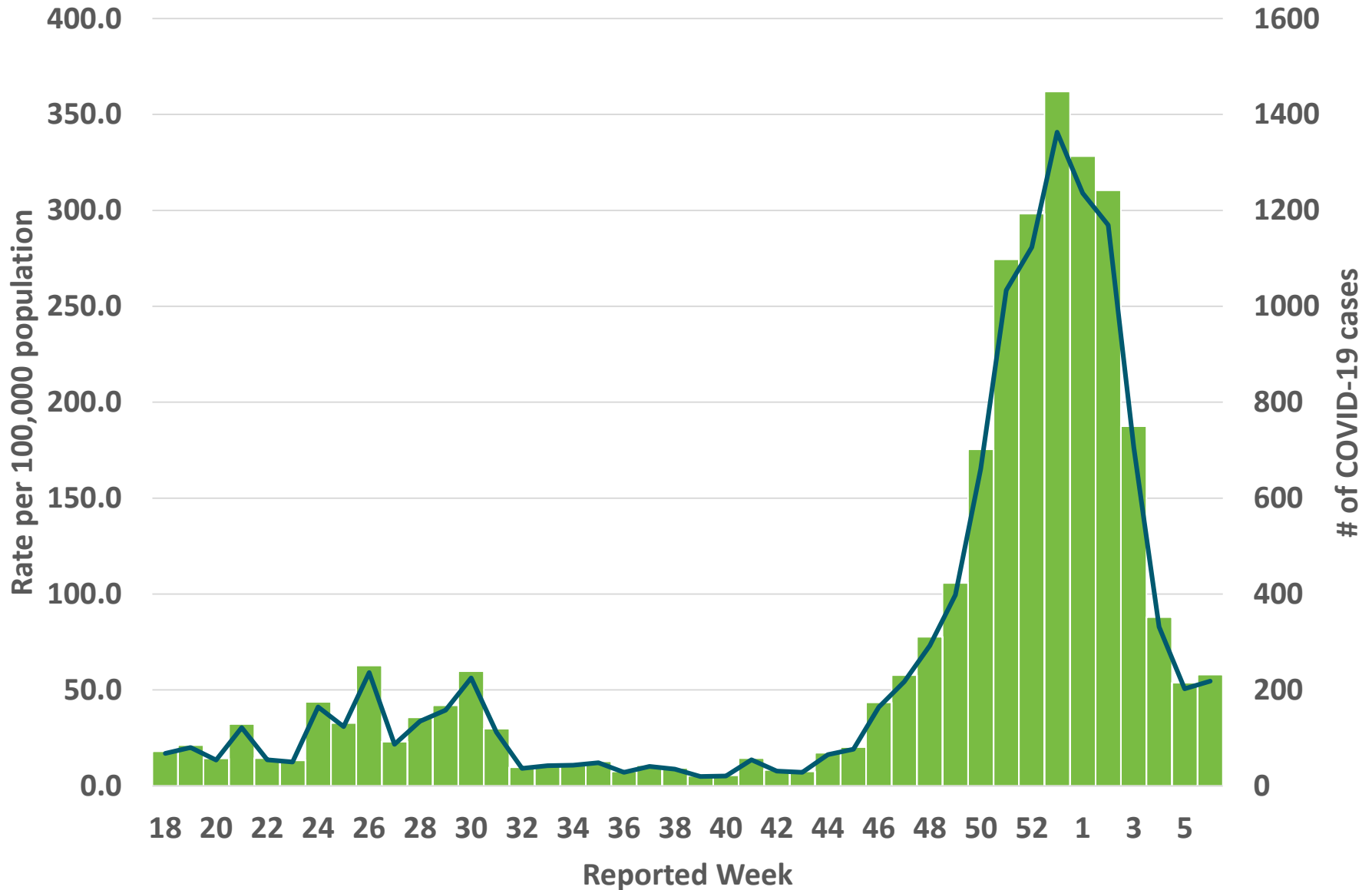
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Cumulative Deaths in Windsor-Essex



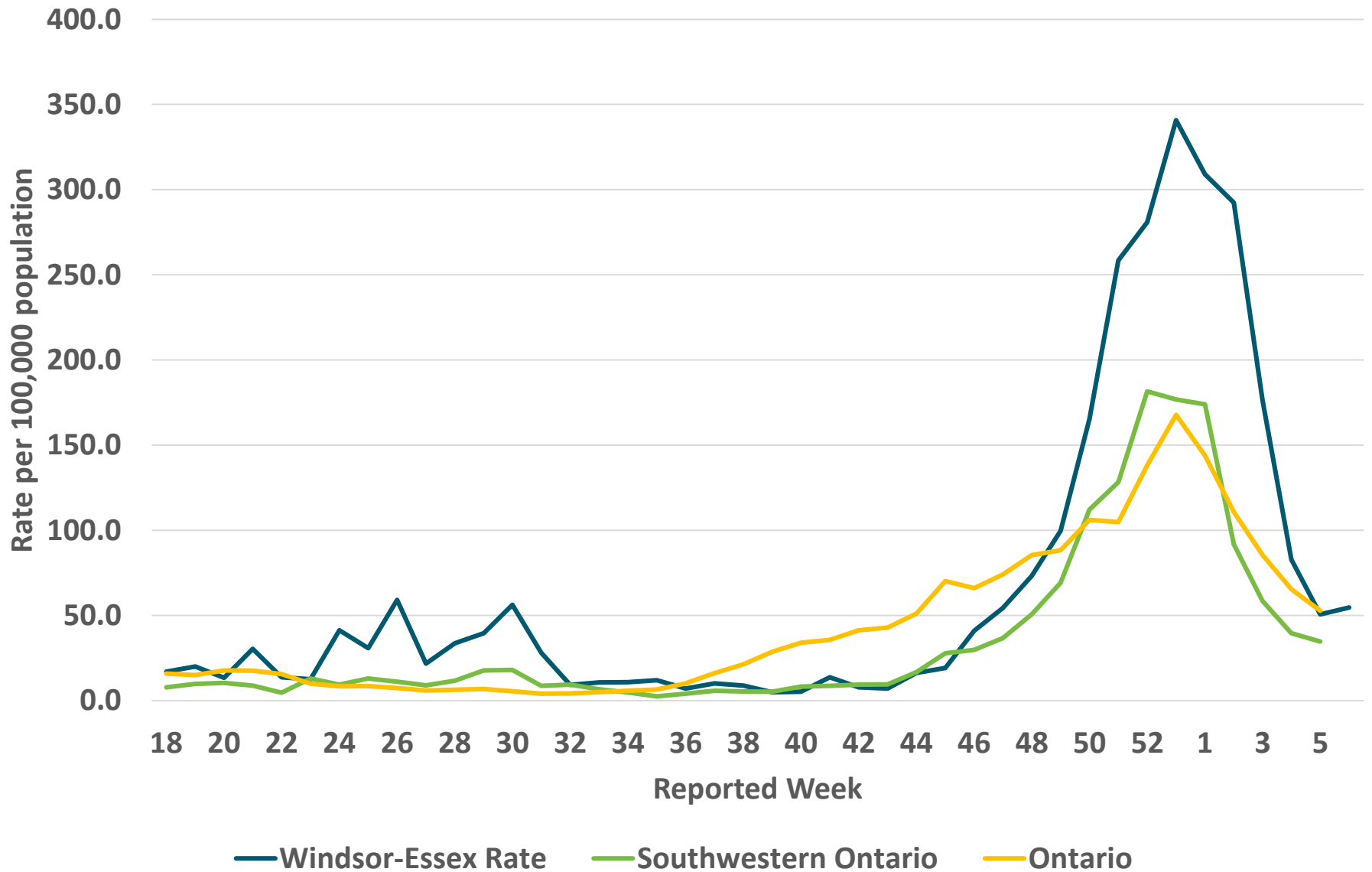
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Windsor-Essex Rate by Reported Week



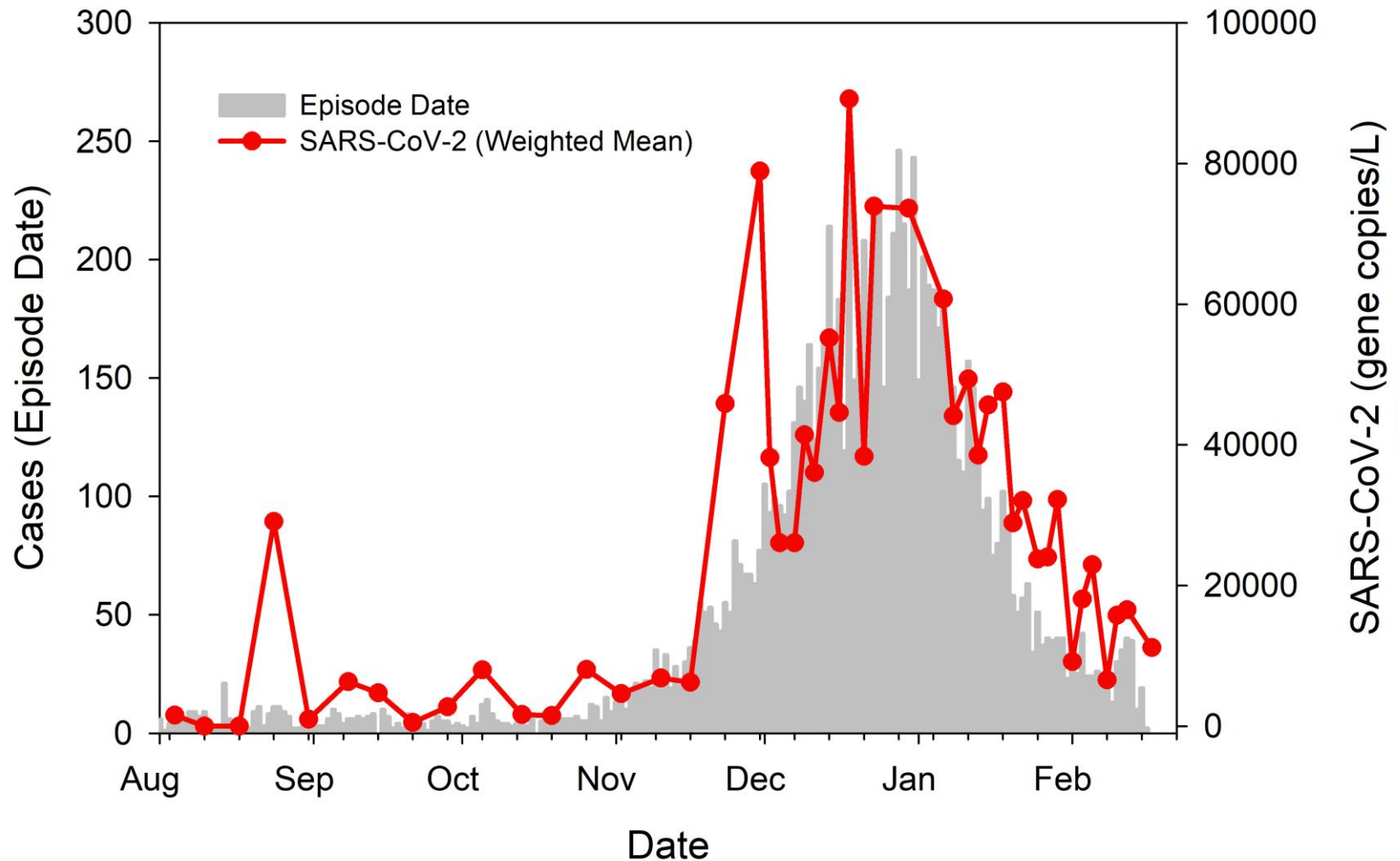
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Weekly COVID-19 Rate



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Windsor-Essex Wastewater Data



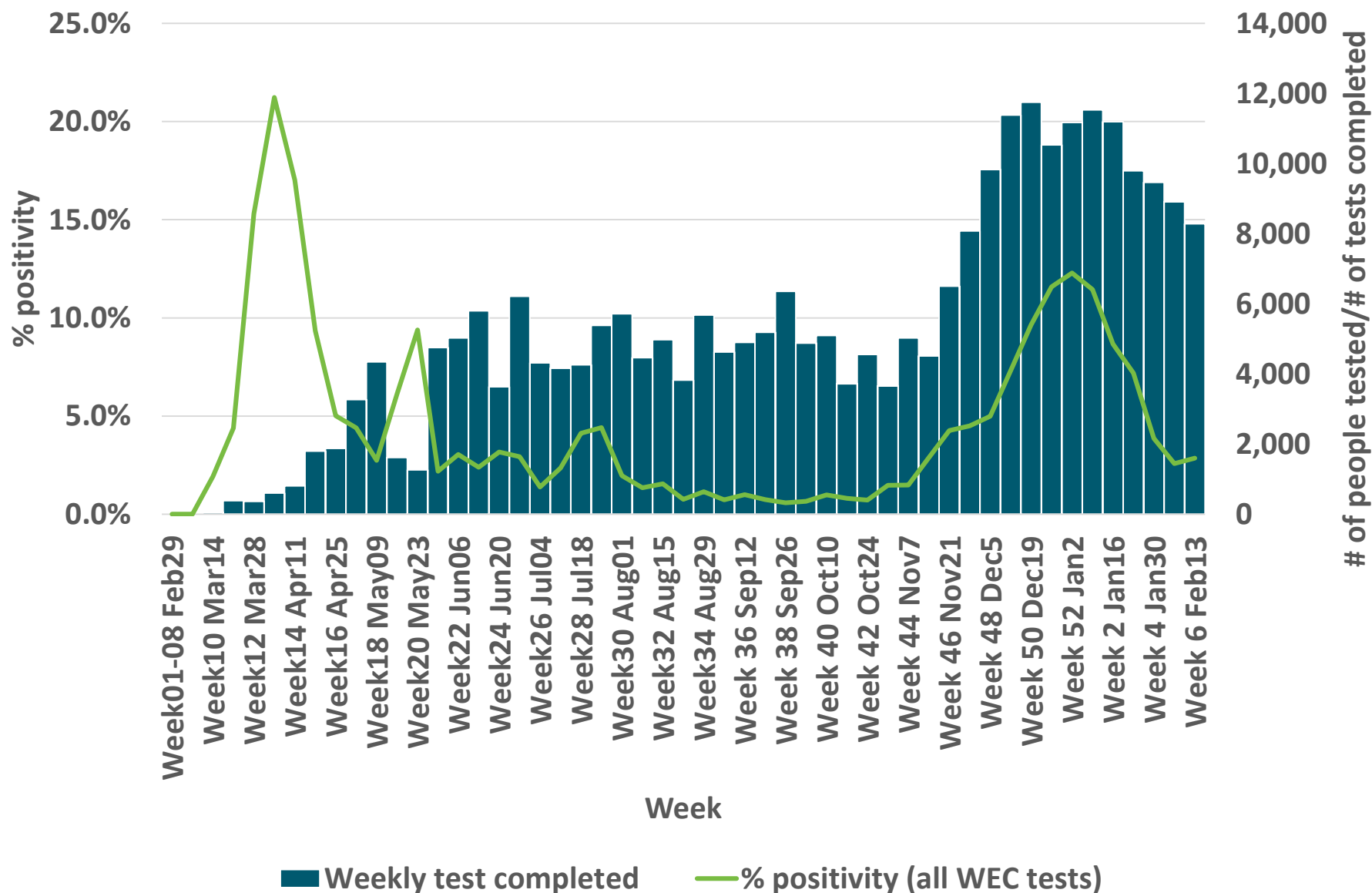
GLIER
GREAT LAKES INSTITUTE FOR
ENVIRONMENTAL RESEARCH
at the University of Windsor



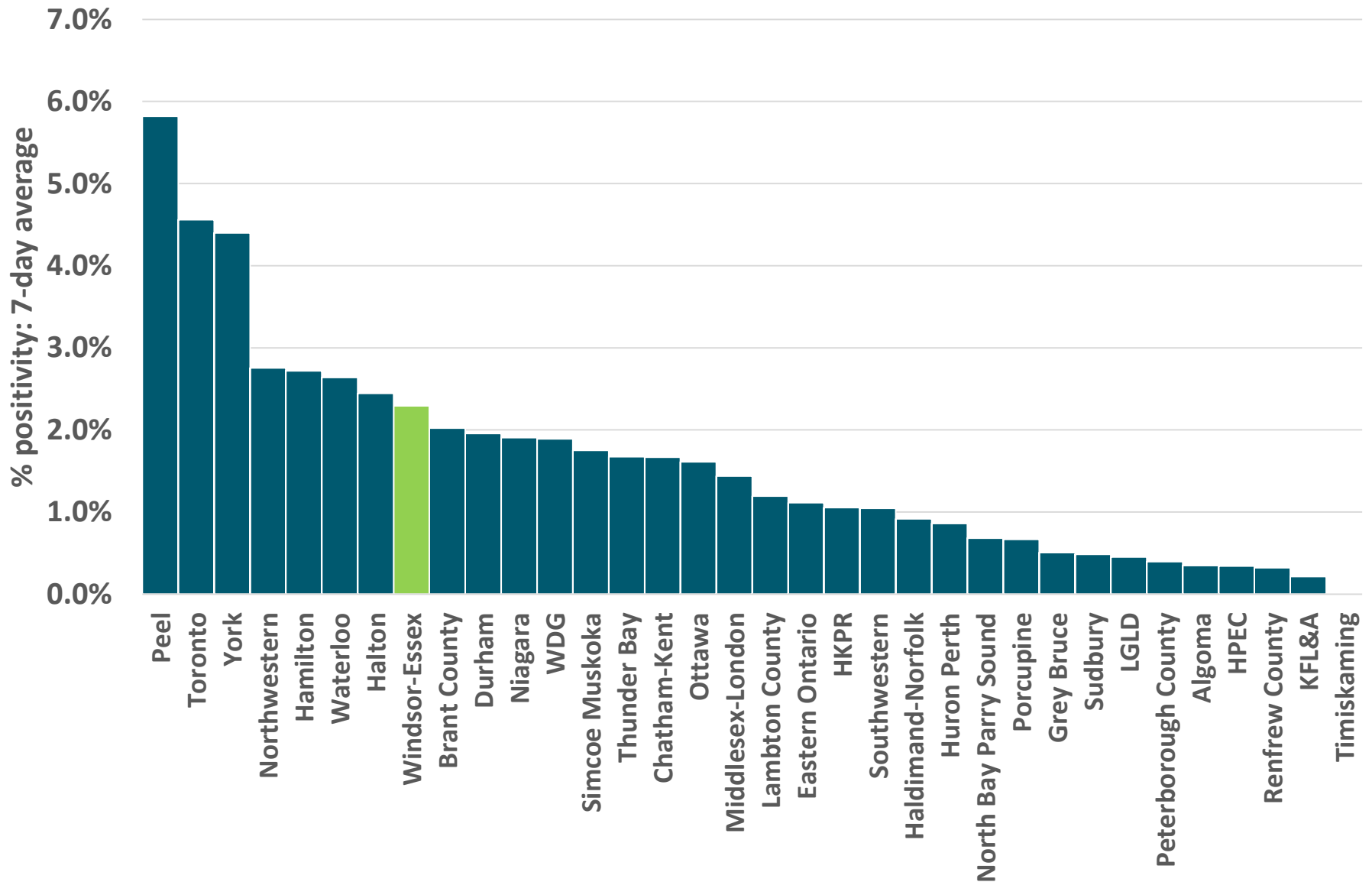
University
of Windsor

uwindsor.ca/GLIER

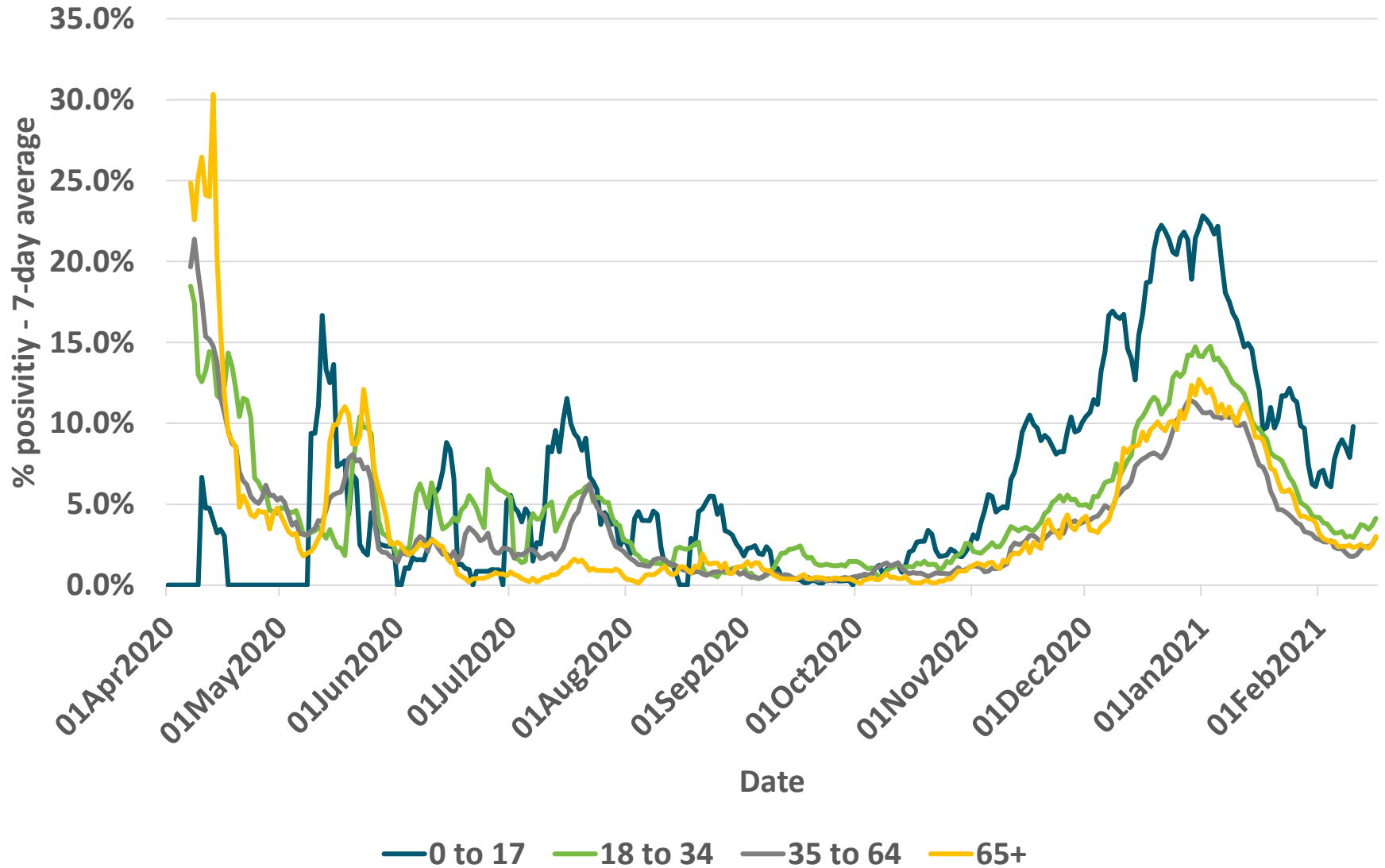
Percent Positivity by Week by All Tests



% Positivity in Ontario: 7-Day Average

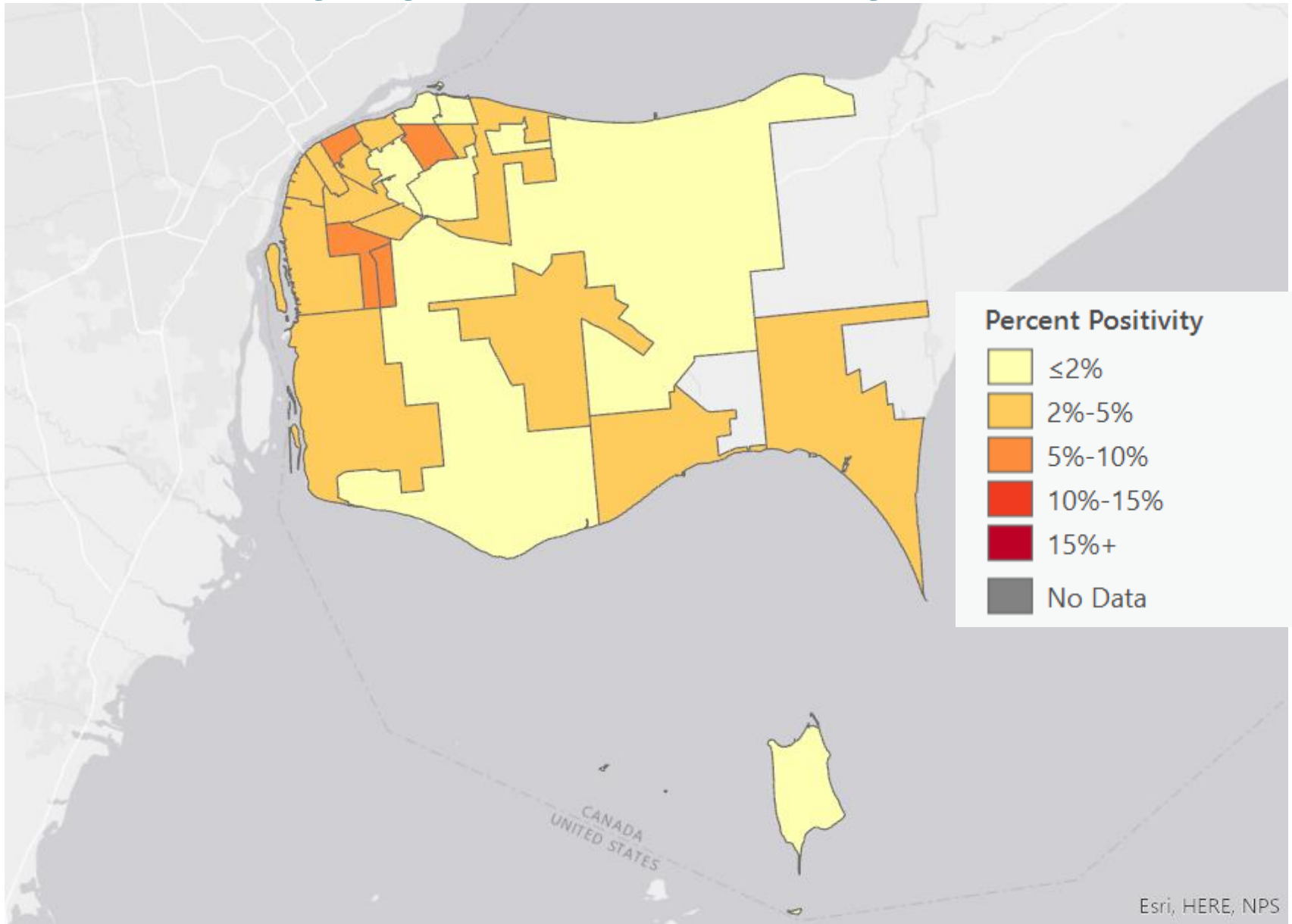


Percent Positivity by Age Group



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% Positivity by FSA – February 3 to 9



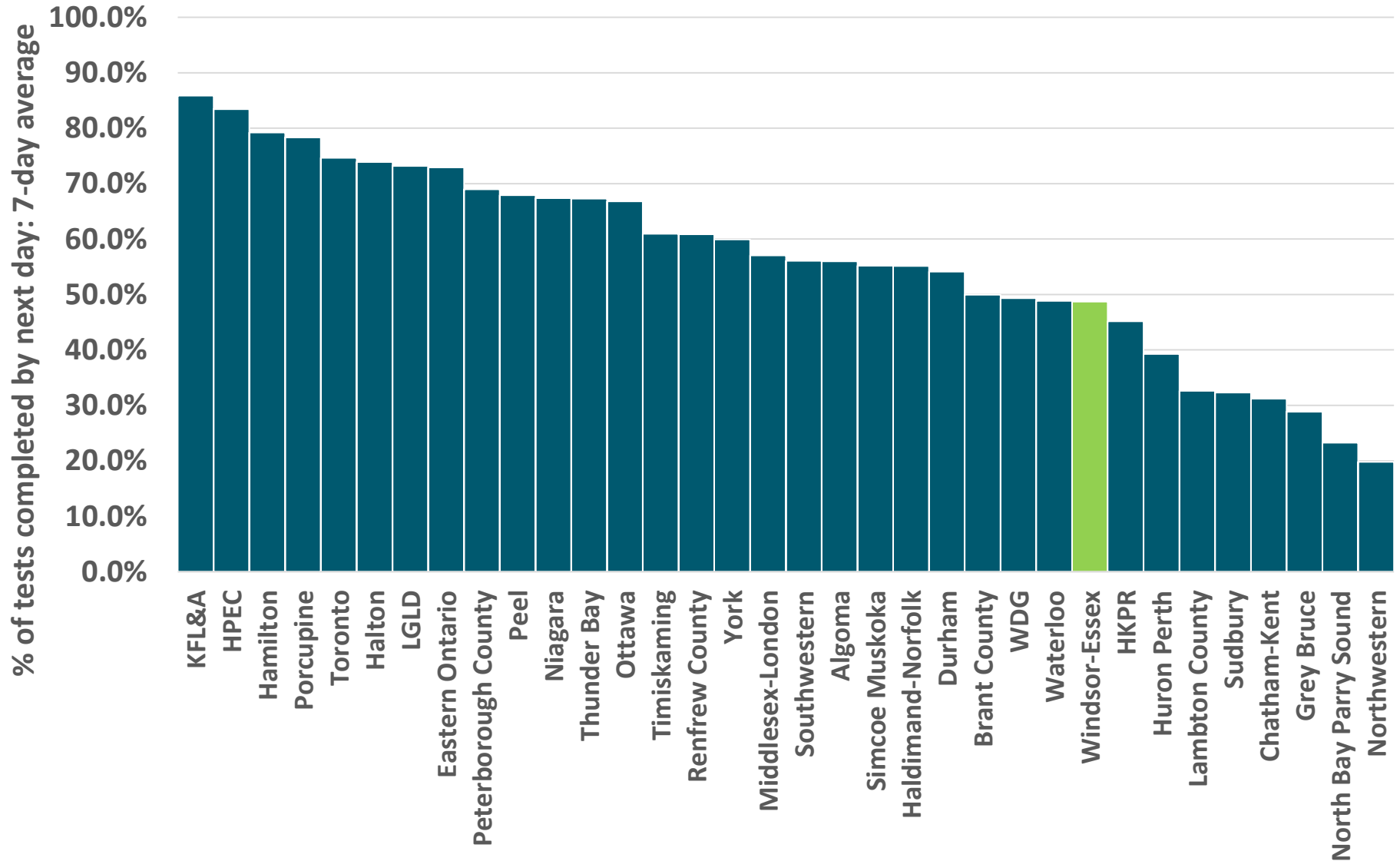
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Percentage of Tests Results Available Within 1 and 2 Days: 7-Day Average

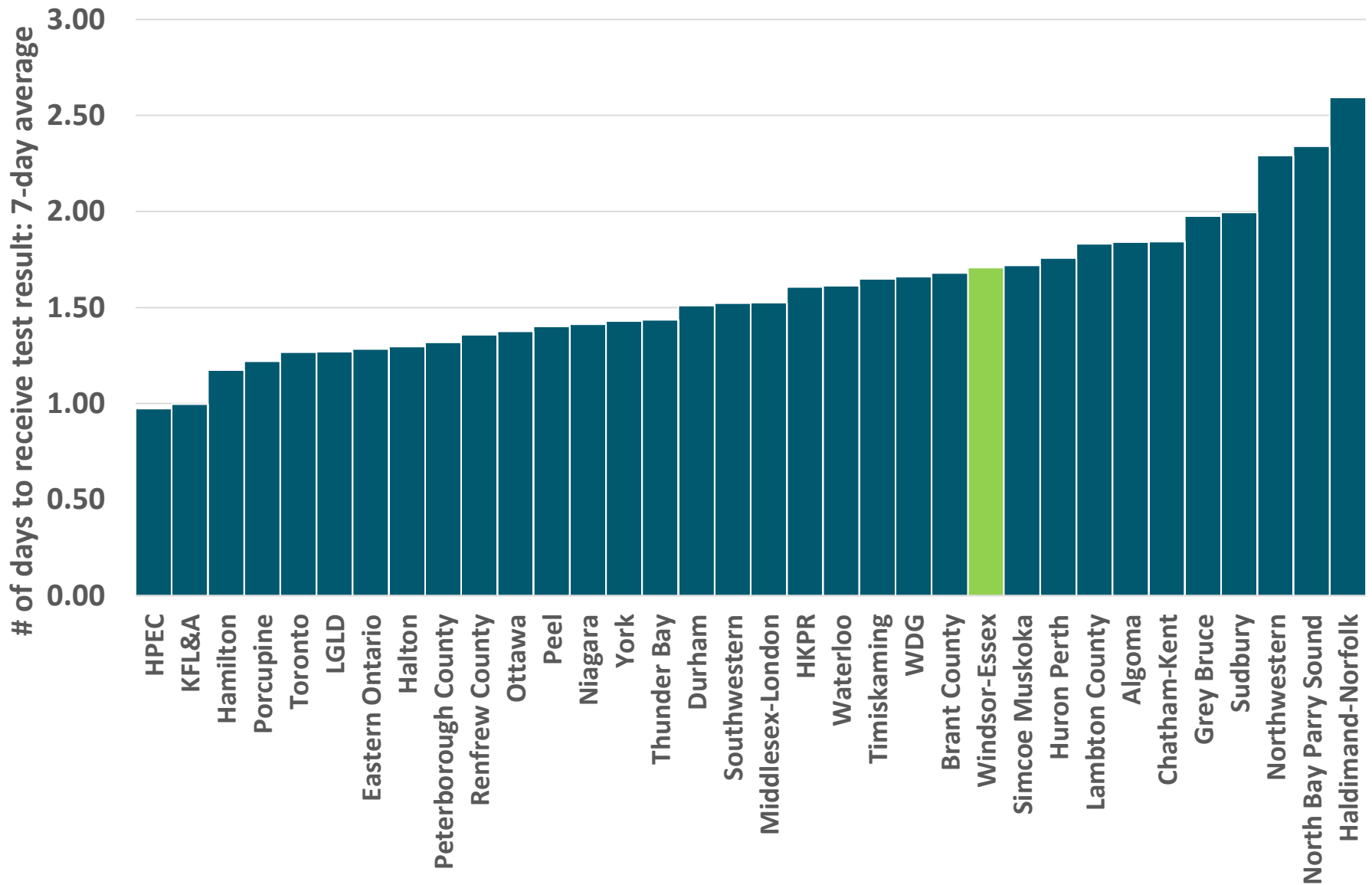


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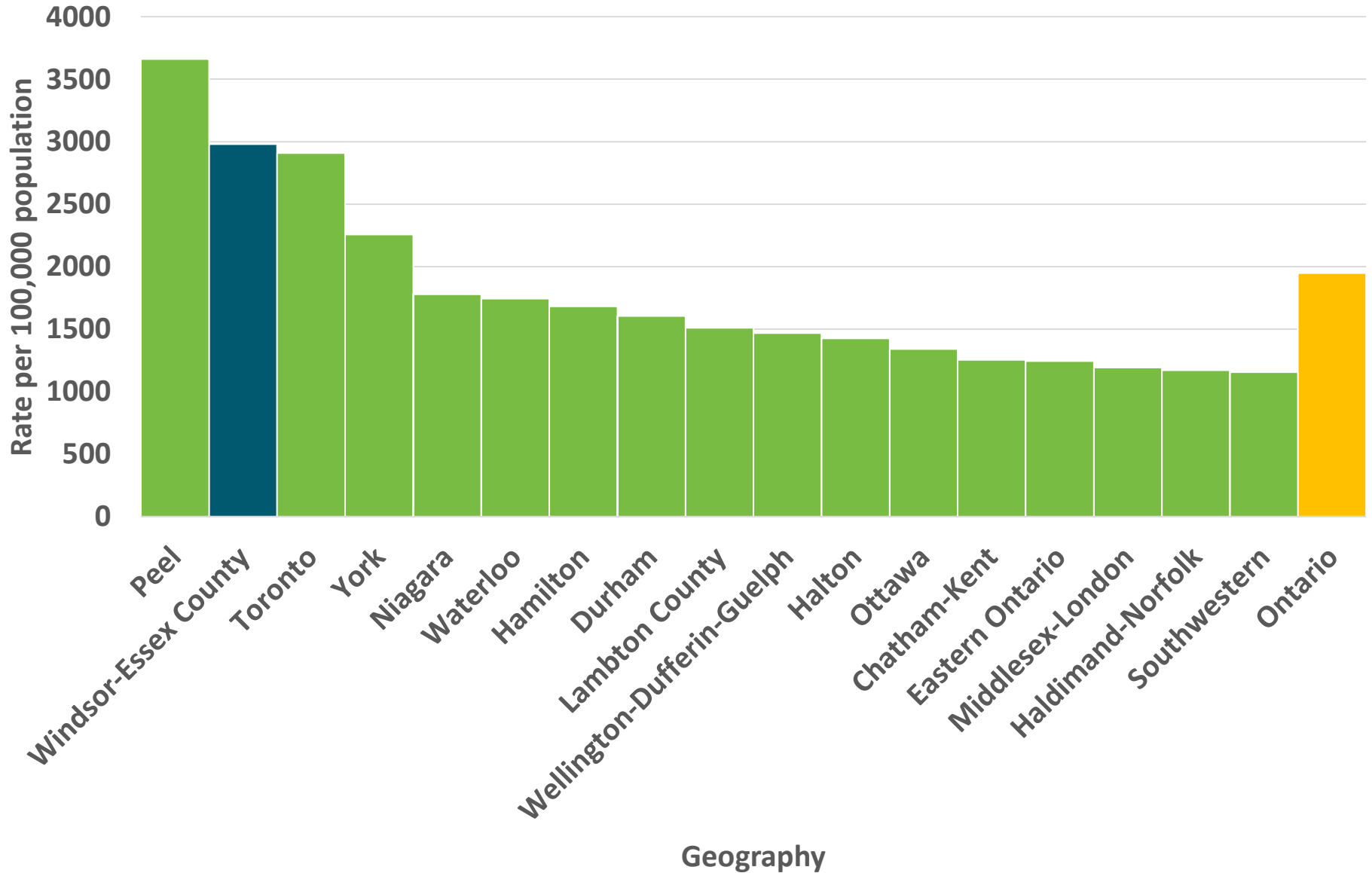
Percentage of Tests Results Available Within 1 Day: Across Ontario – 7-Day Moving Average



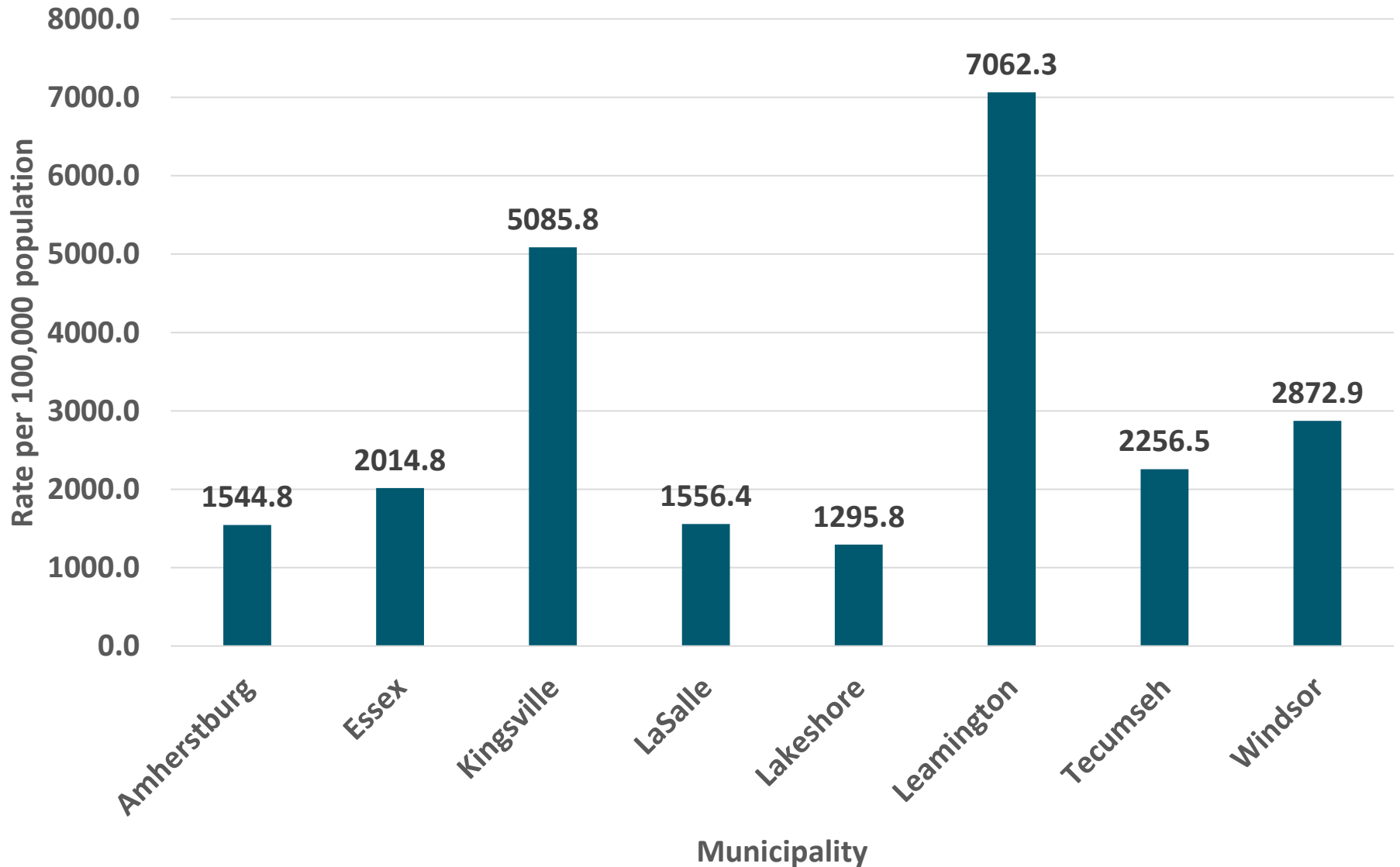
Number of Days to Receive Test Result: 7-Day Average



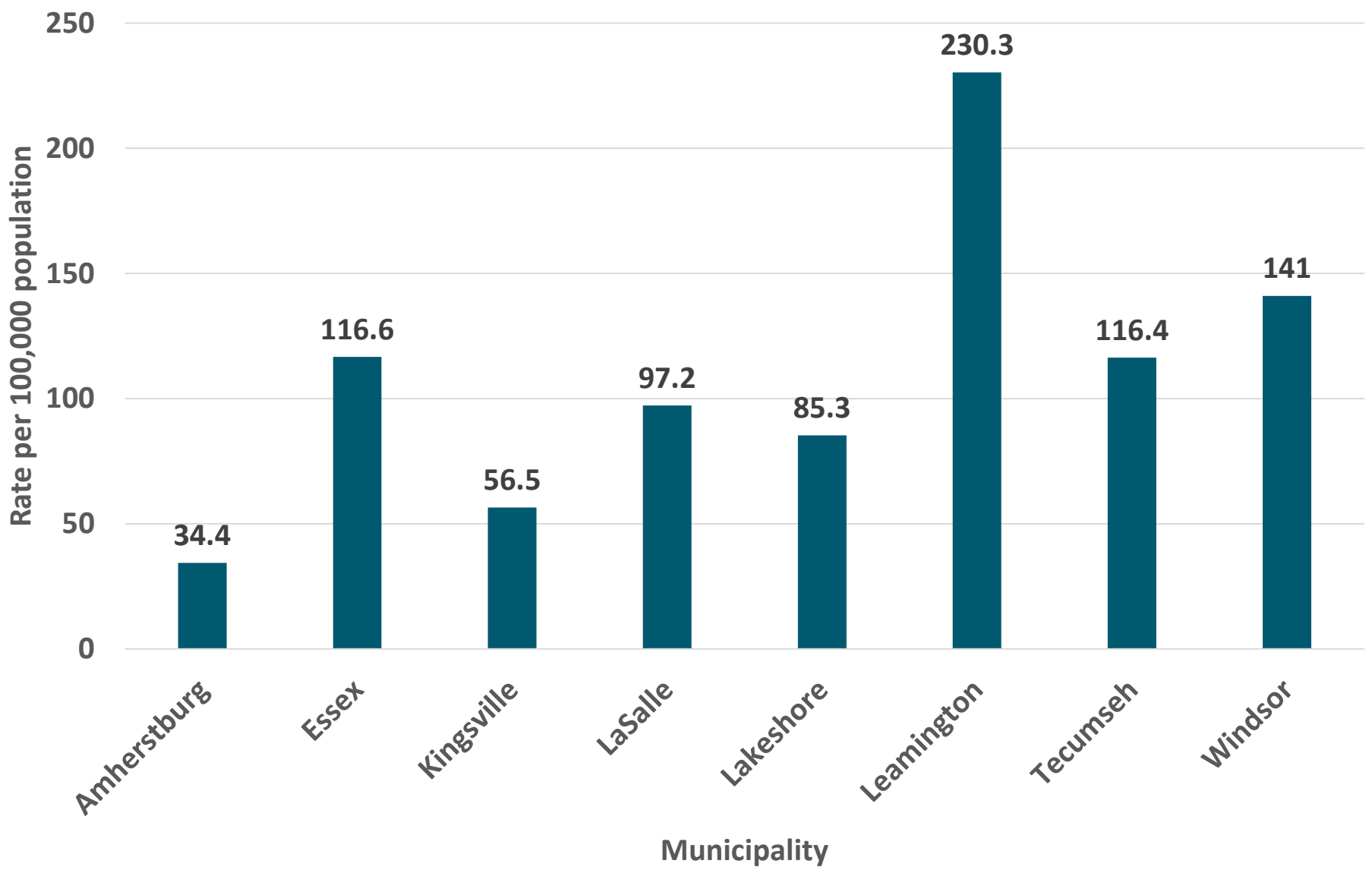
Regional & Provincial Rates



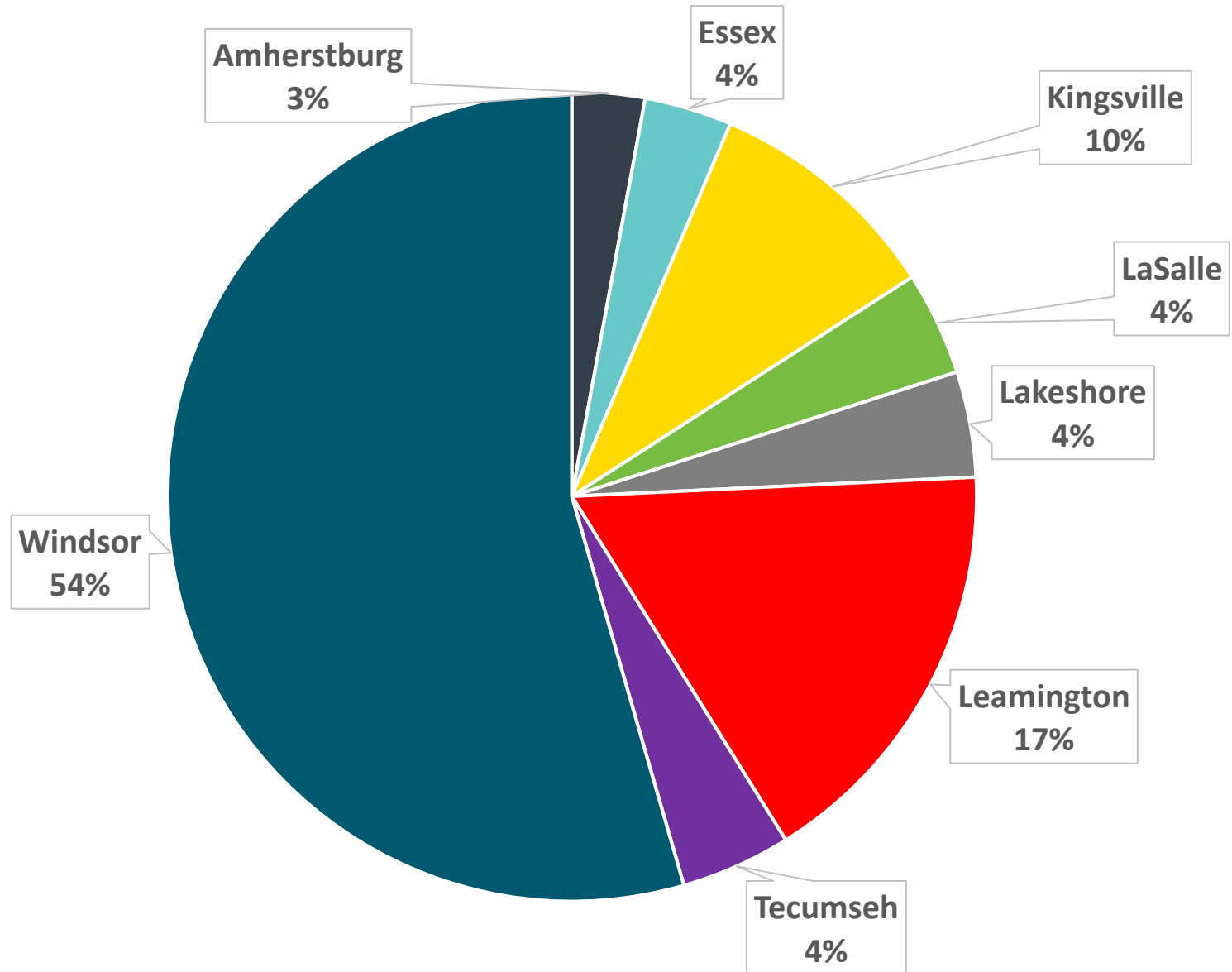
Rate per 100,000 by Municipality (Cumulative)



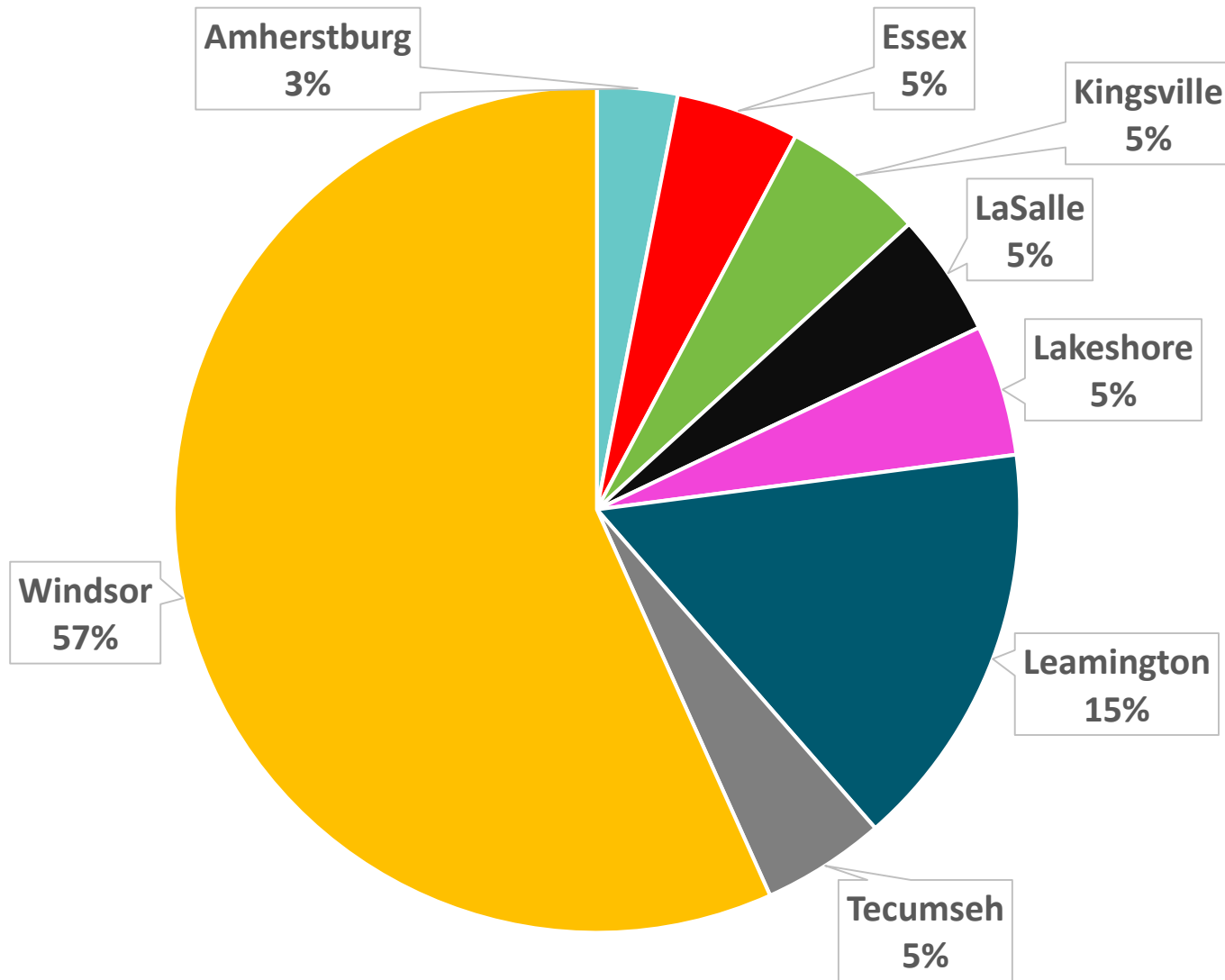
Rate per 100,000 by Municipality (Feb 1 to Present)



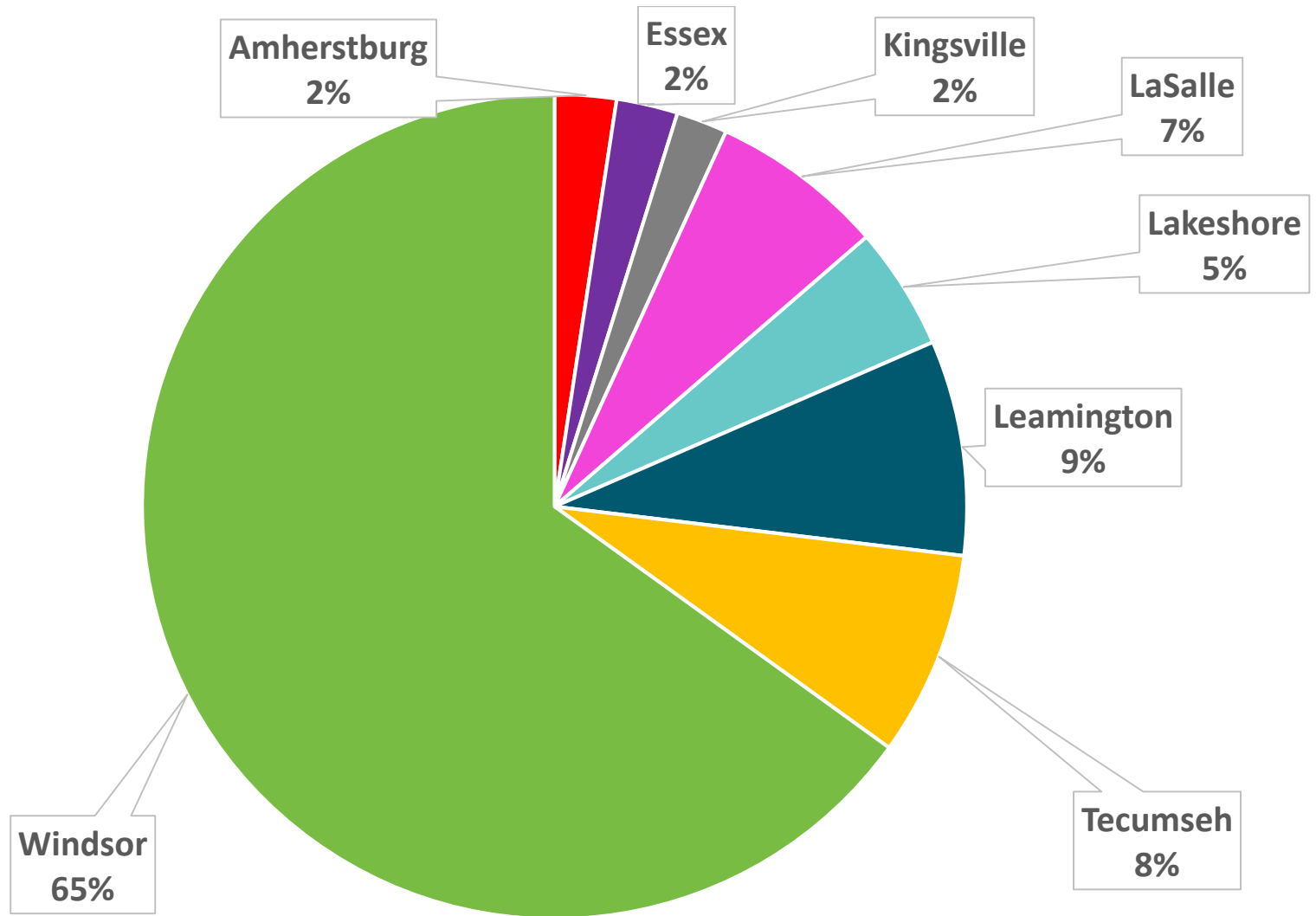
Distribution of COVID-19 Cases by Municipality



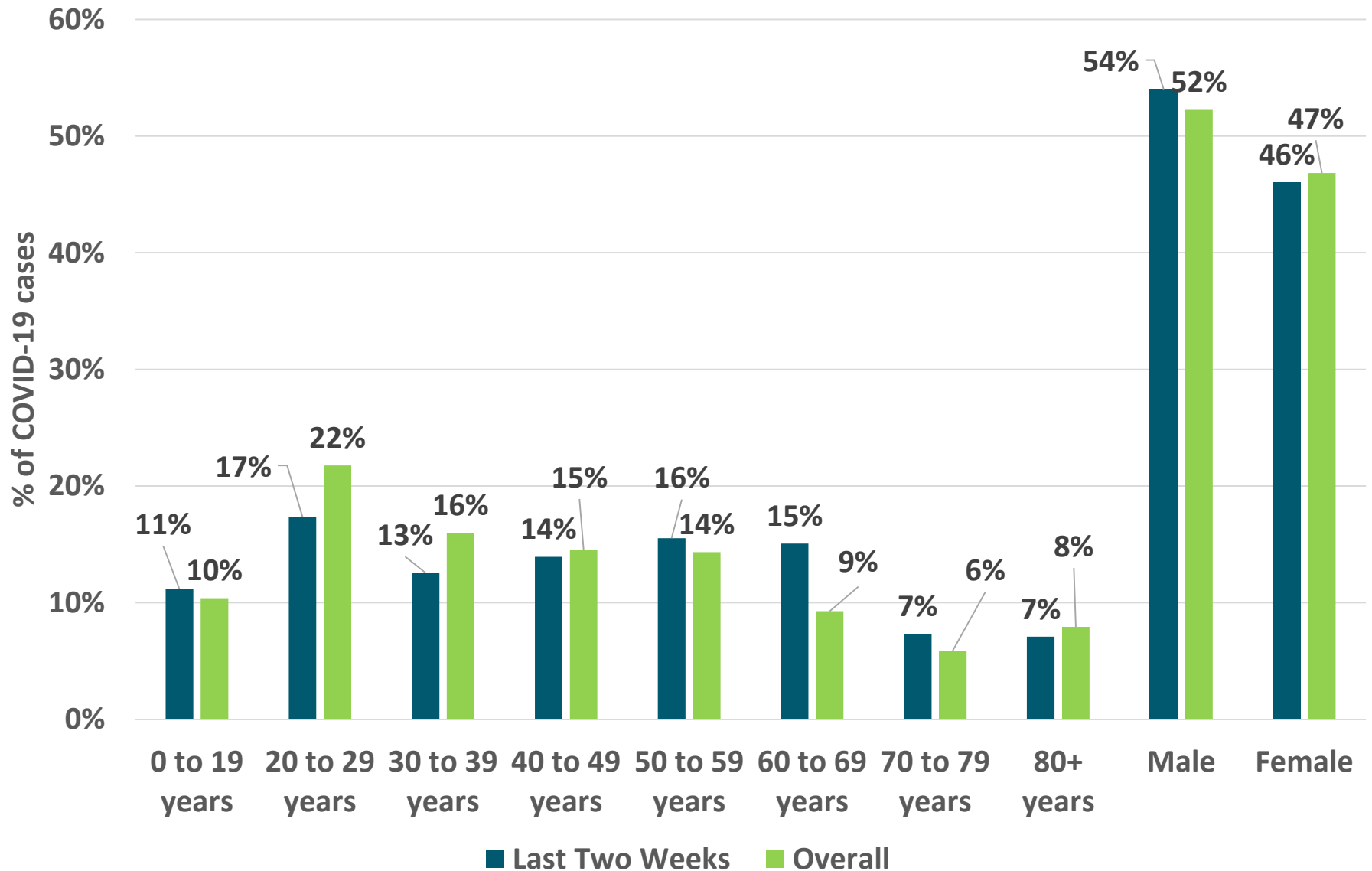
Distribution of COVID-19 Cases by Municipality in last 30 days (January 26 to February 17)



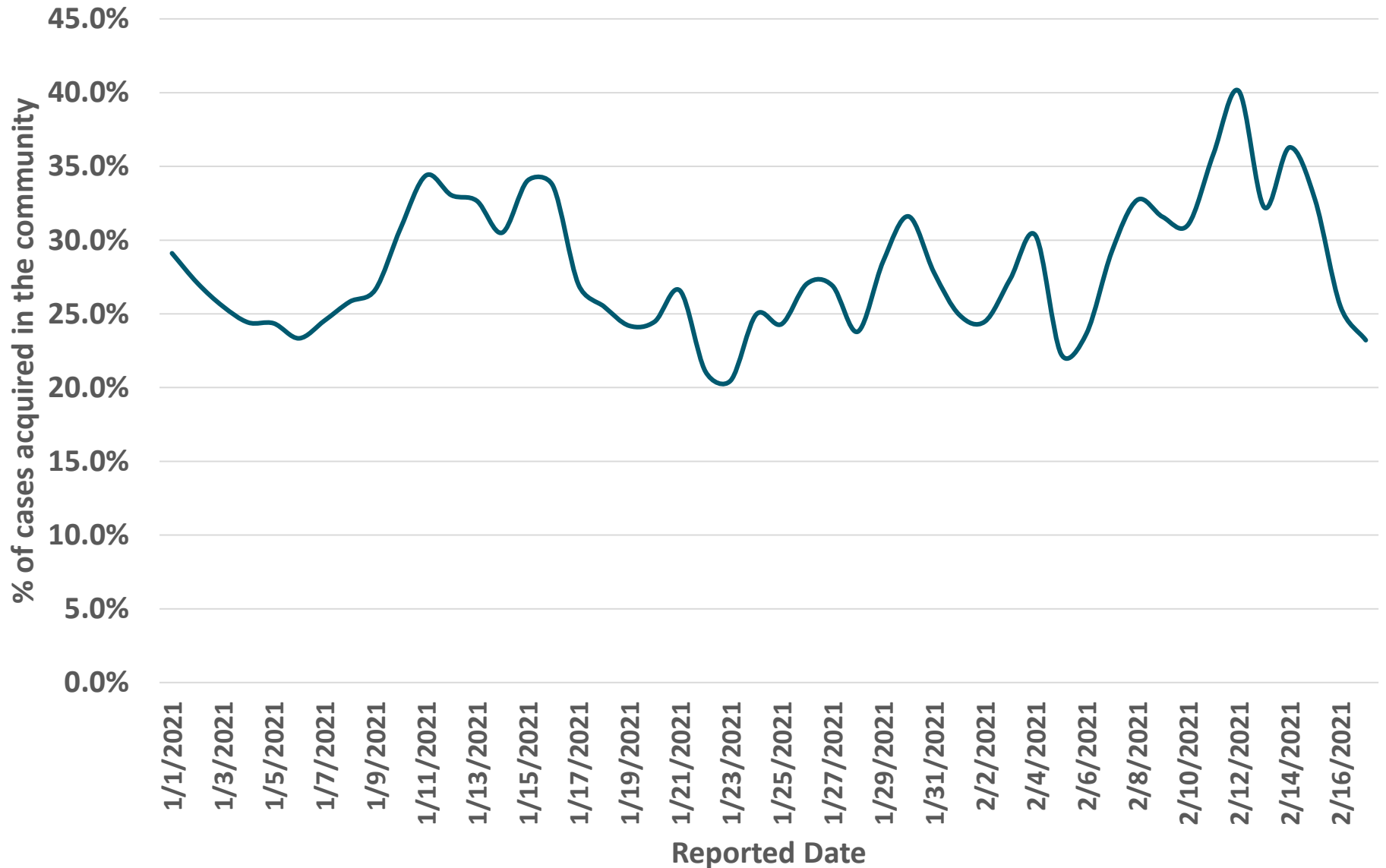
Distribution of COVID-19 Cases by Municipality in last 7 days (February 11 to February 17)



Age & Sex Distribution

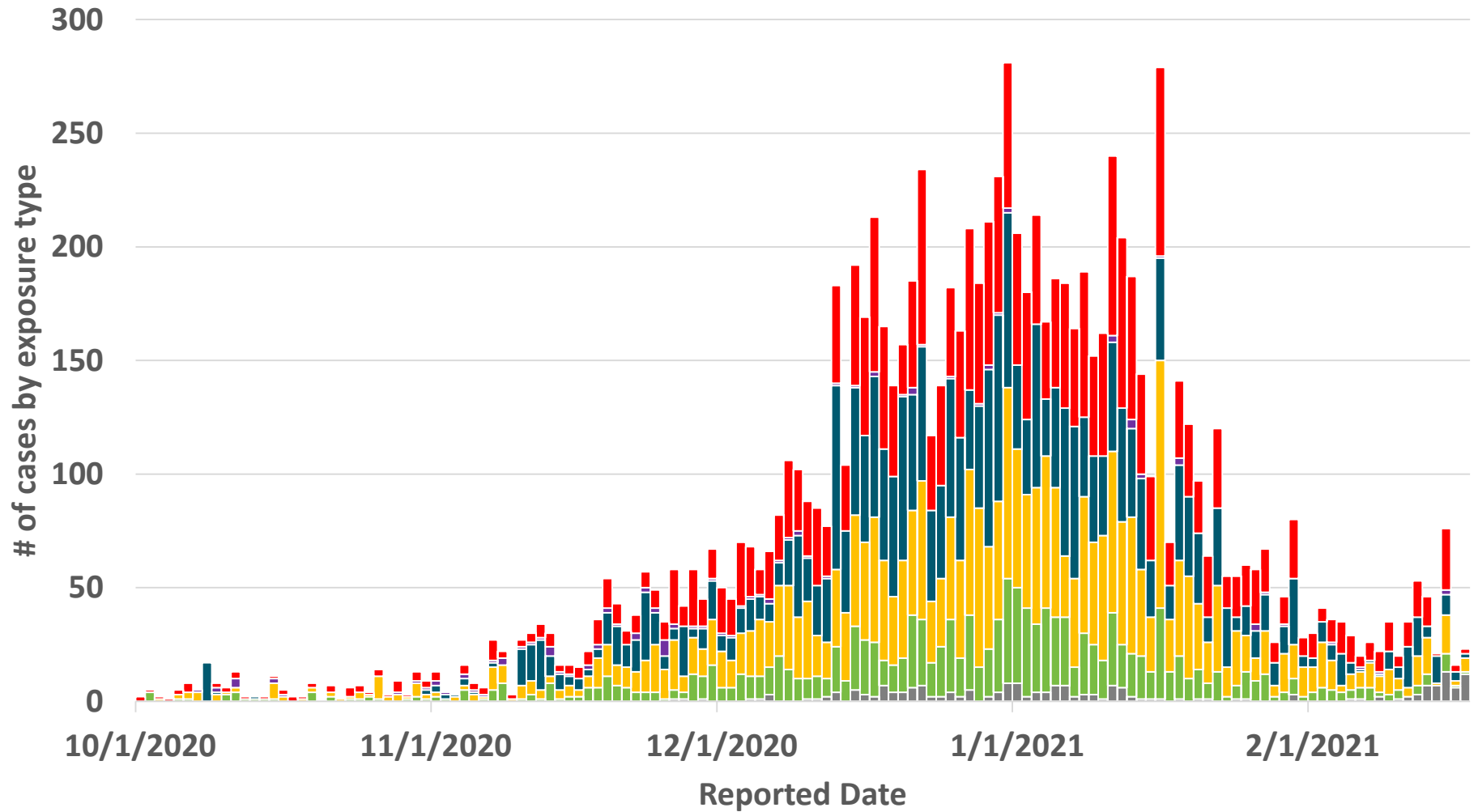


Non-Epidemiologically Linked Cases (7-day average)



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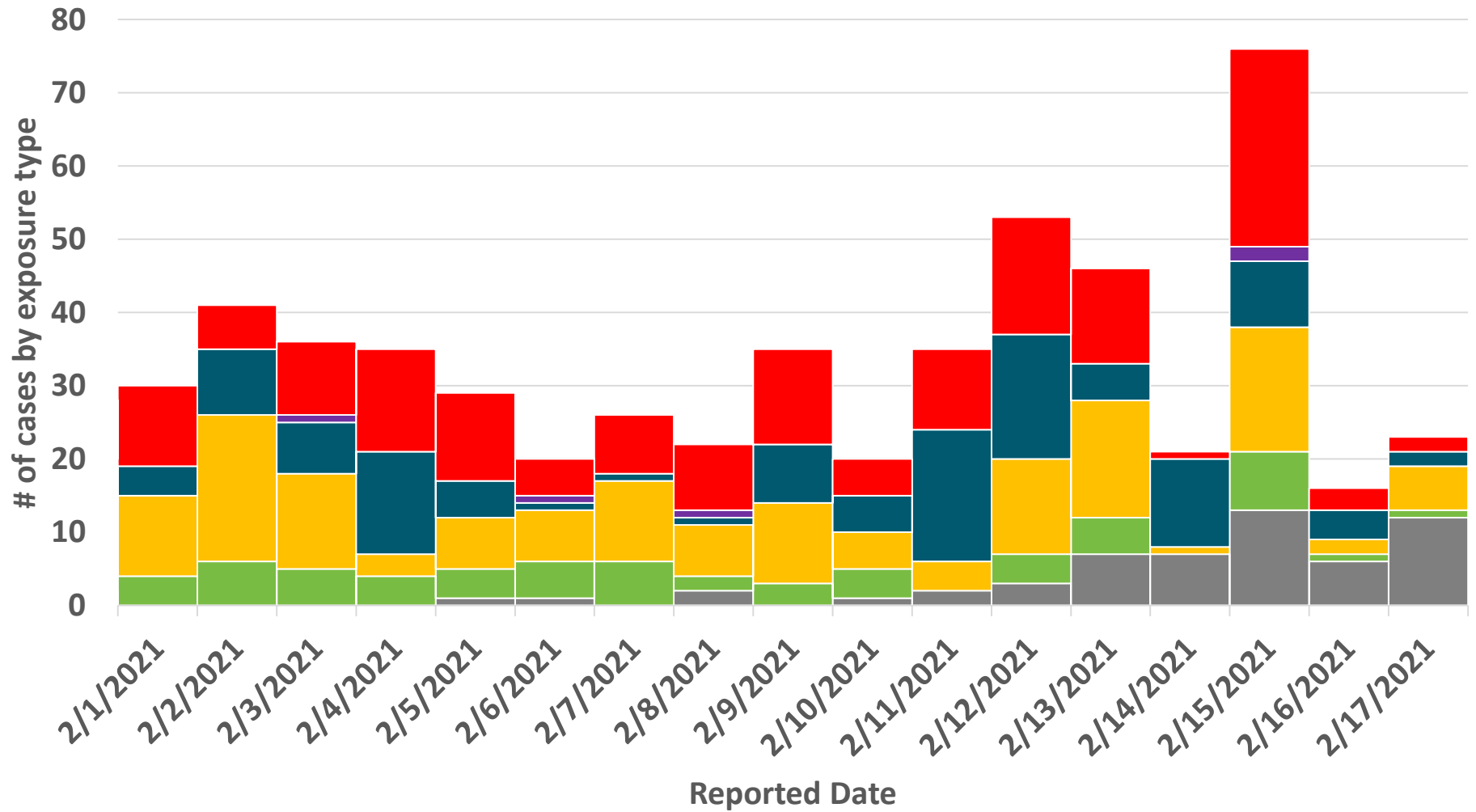
Exposure History by Reported Date (Oct to Present)



■ Under Investigation ■ Close Contact ■ Household Contact ■ Outbreak ■ Travel ■ Community

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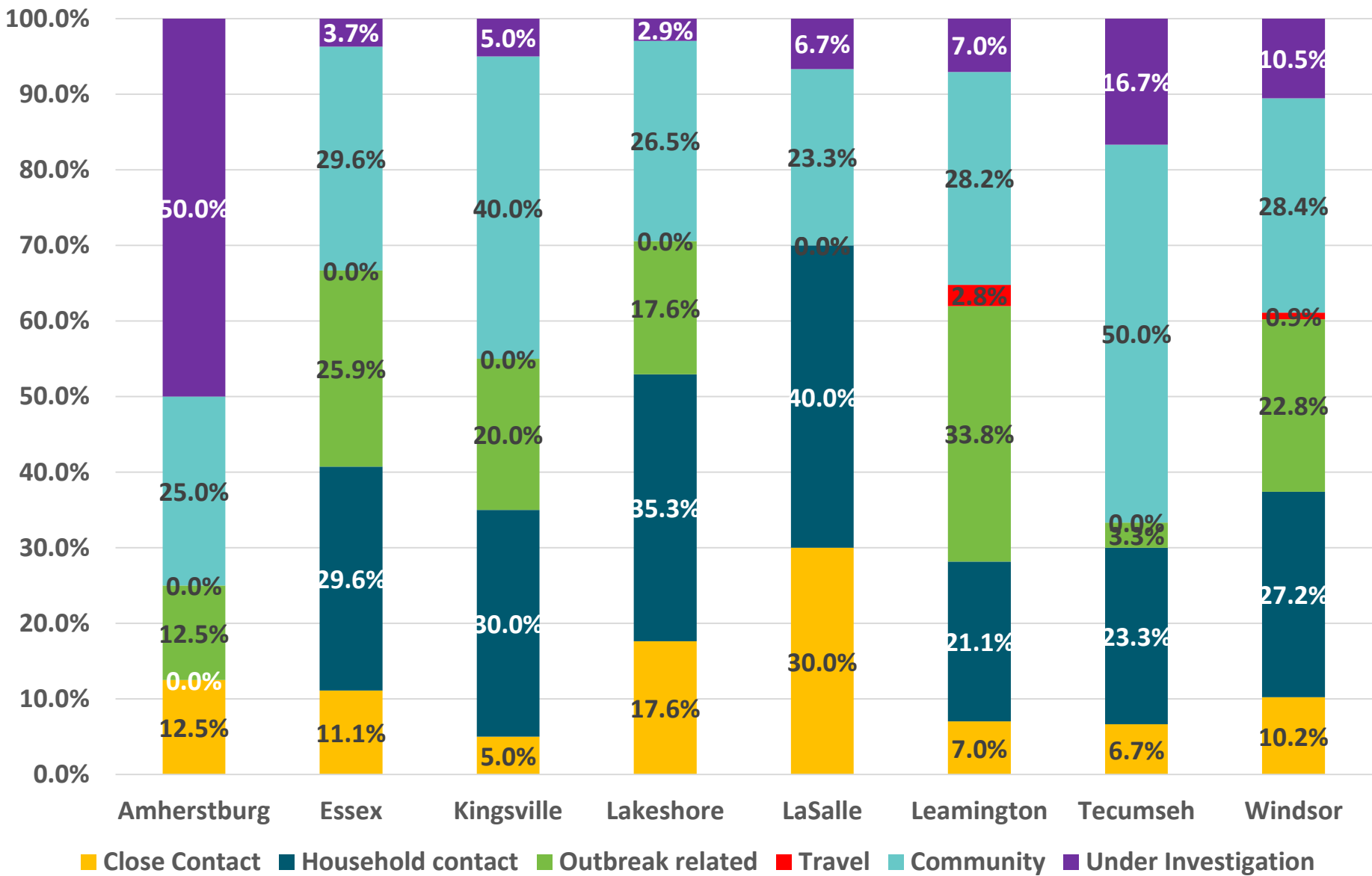
Exposure History by Reported Date (Feb to Present)



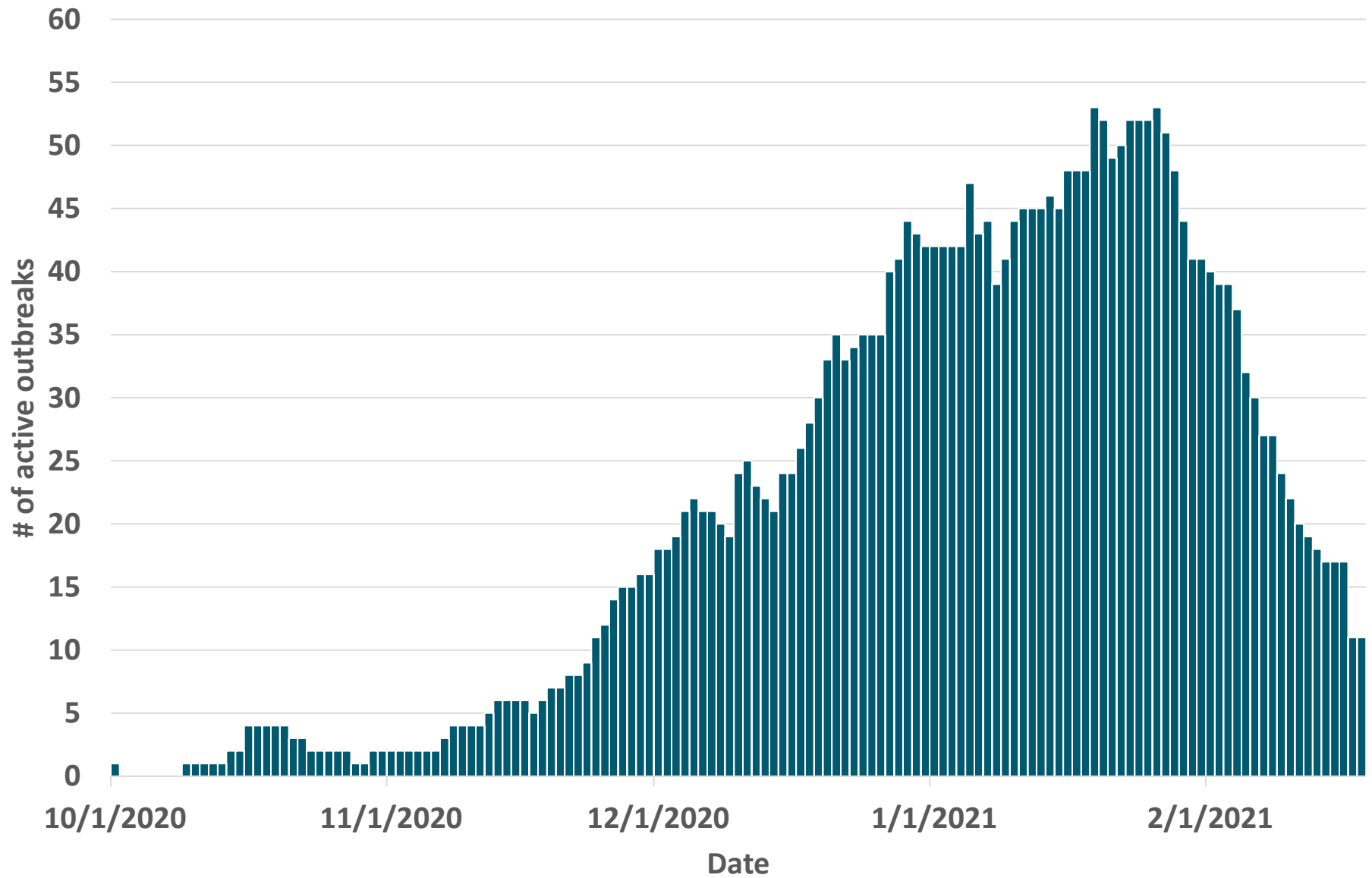
■ Under Investigation ■ Close Contact ■ Household Contact ■ Outbreak ■ Travel ■ Community

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Acquisition Source by Municipality (Feb to Present)

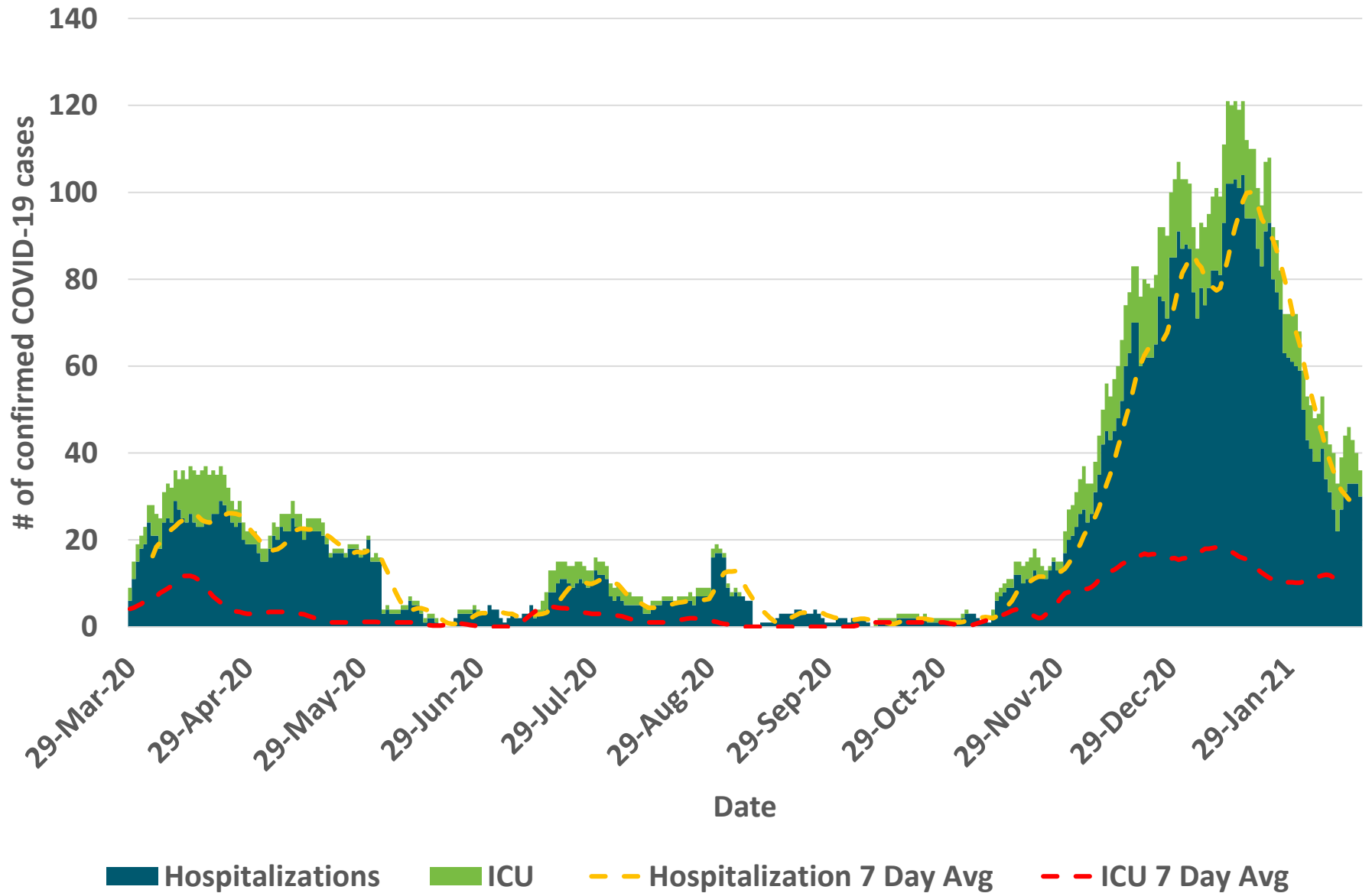


Active Outbreaks



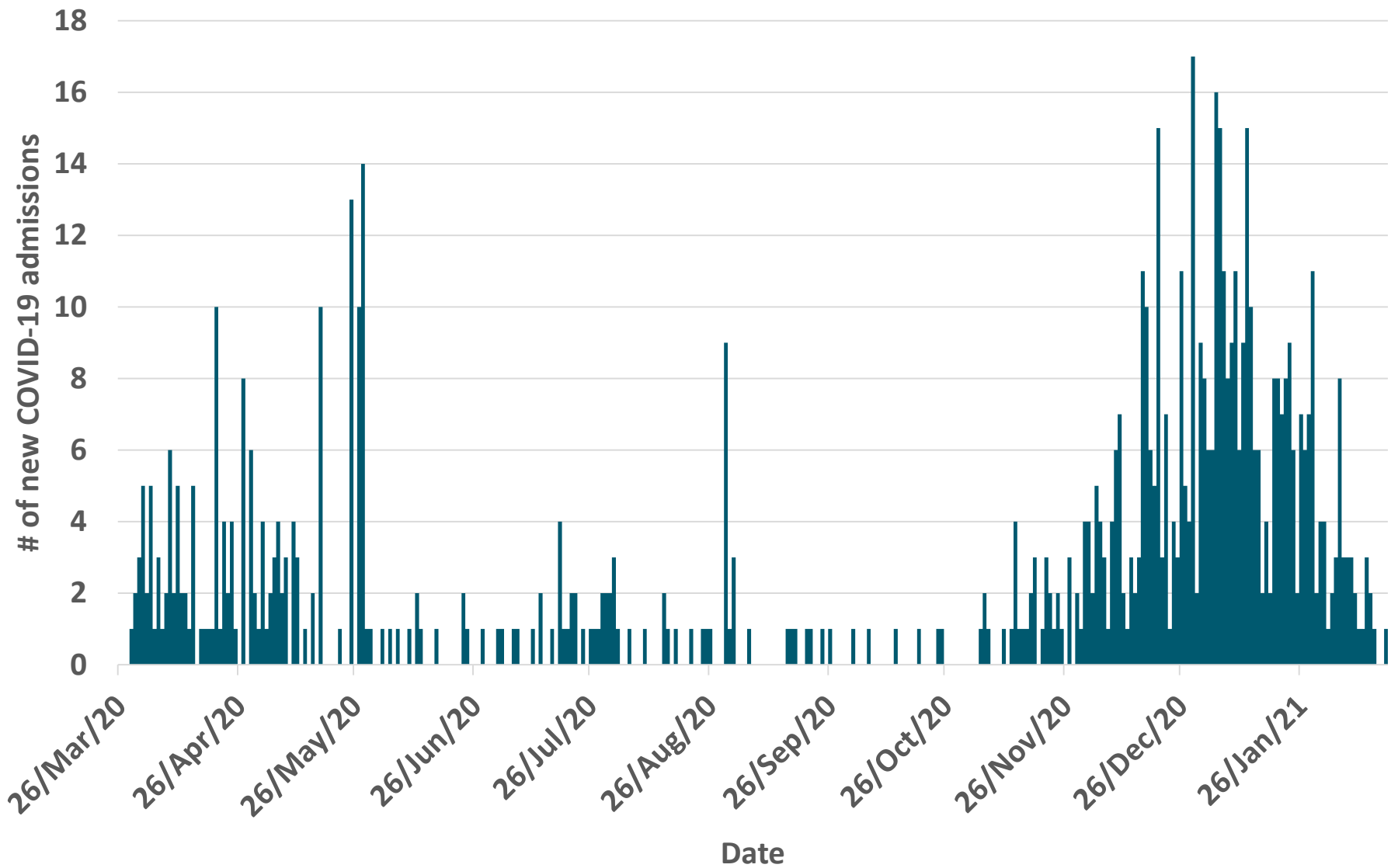
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Hospitalizations & ICU for COVID-19



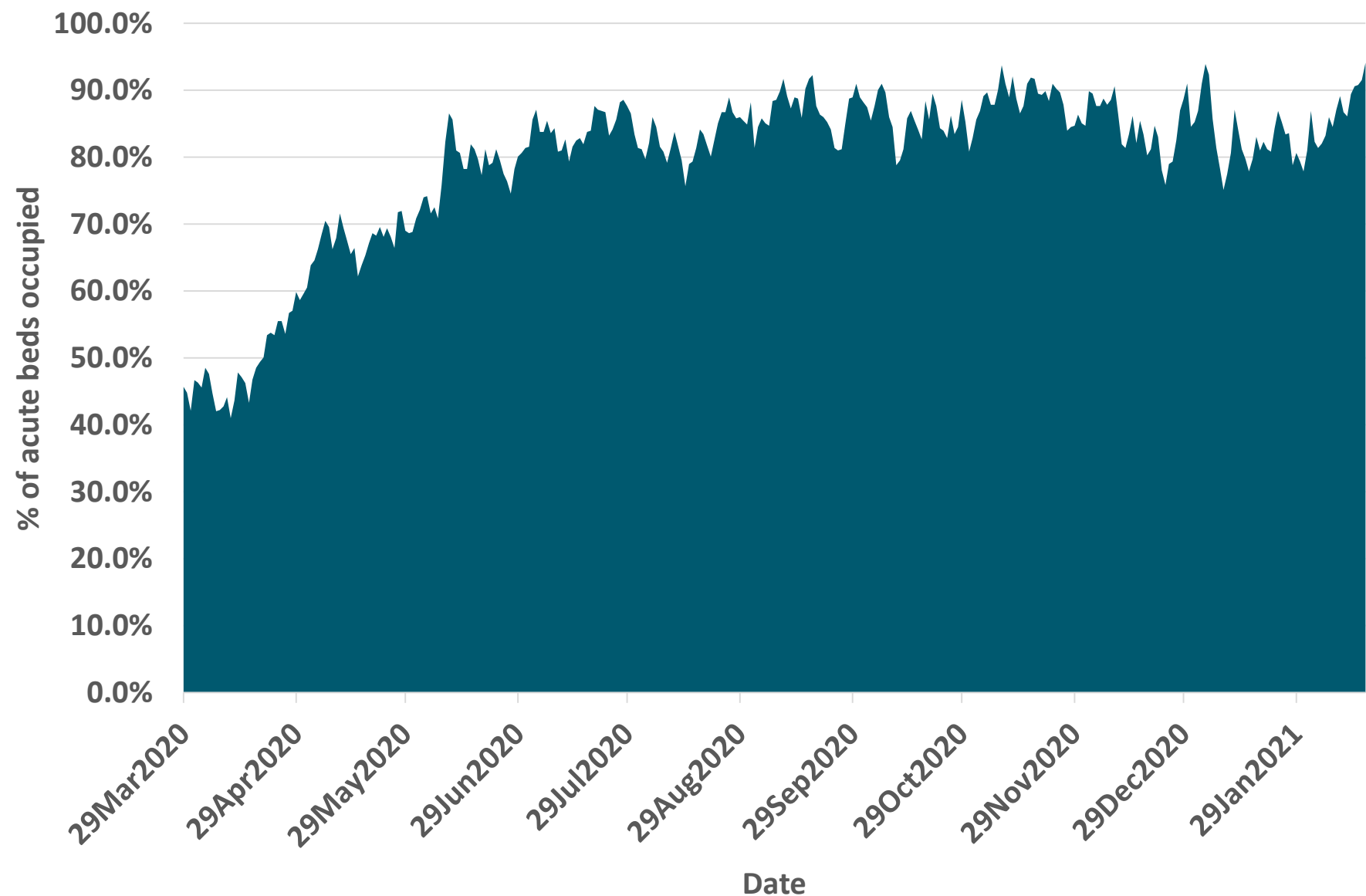
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New COVID-19 Admissions By Day

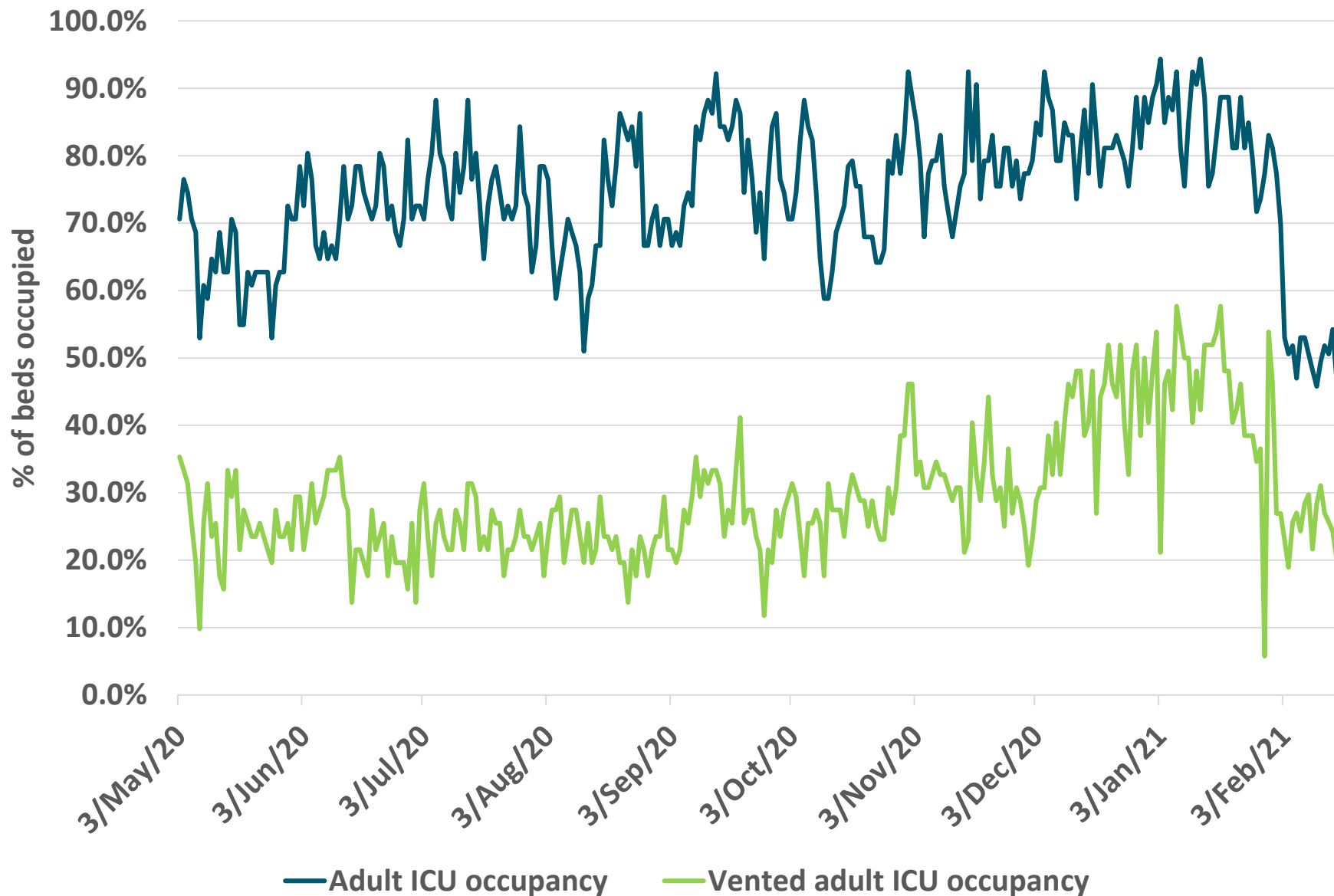


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Acute Inpatient Occupancy

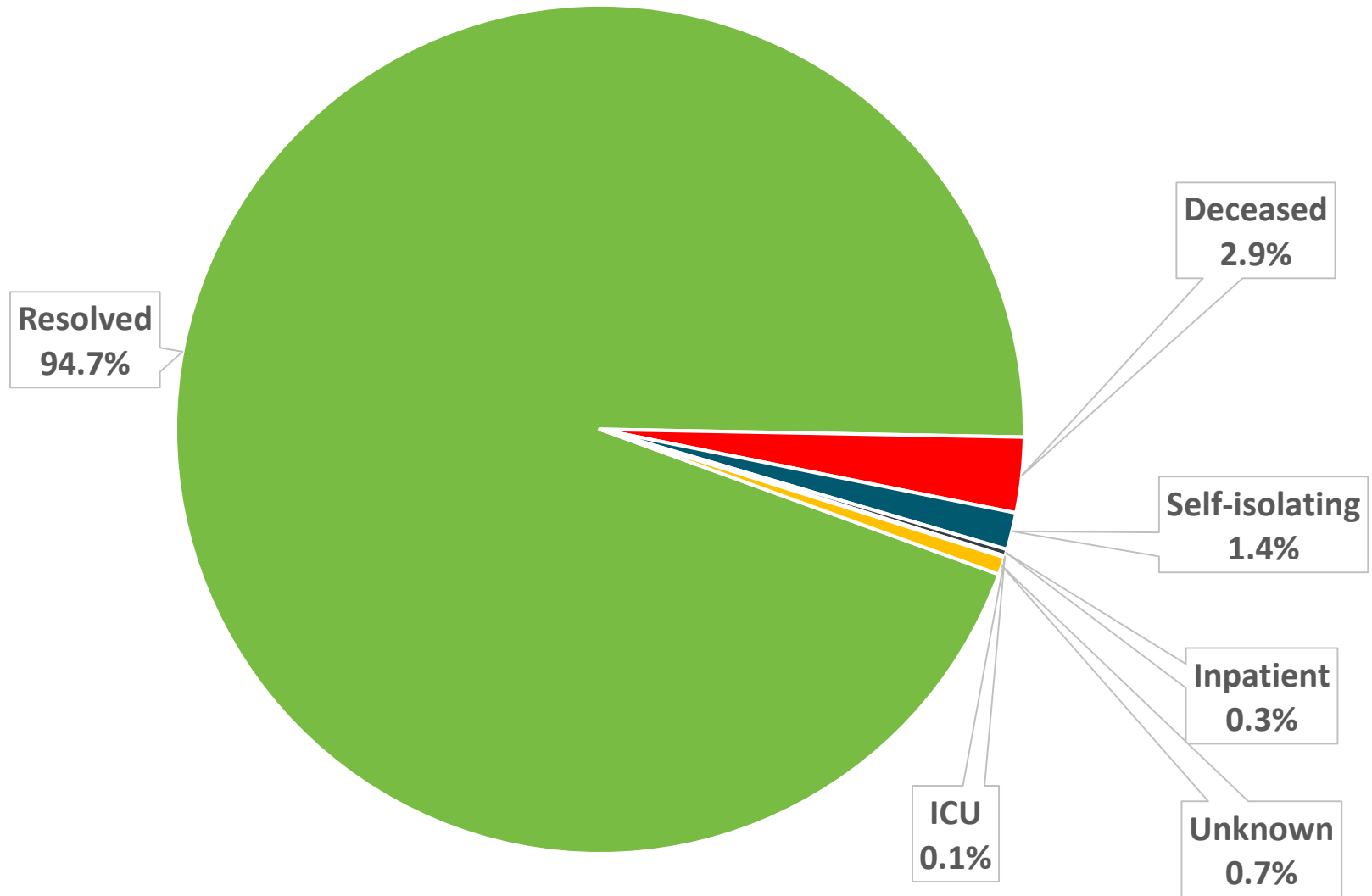


ICU Occupancy

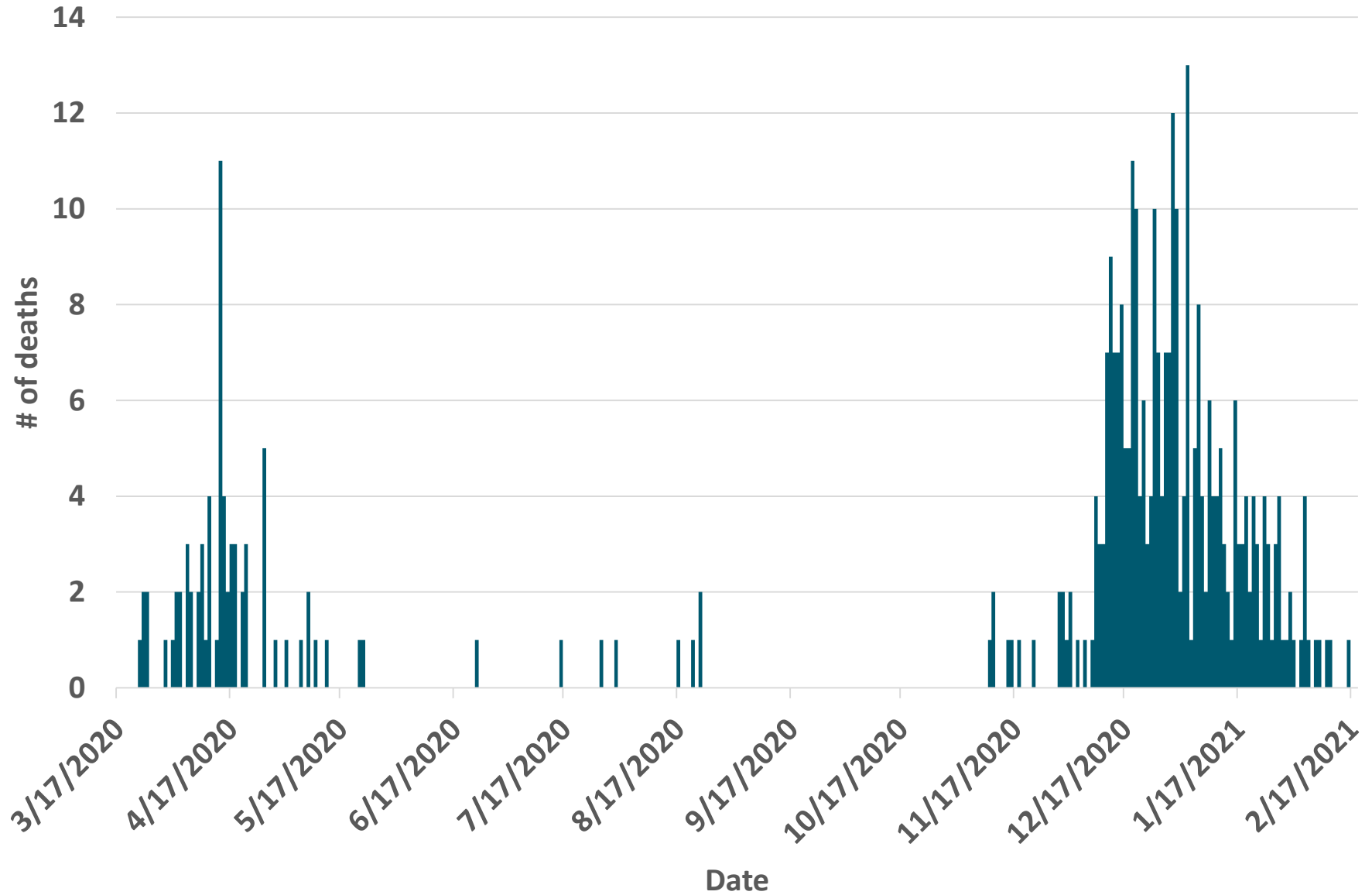


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Current Outcomes

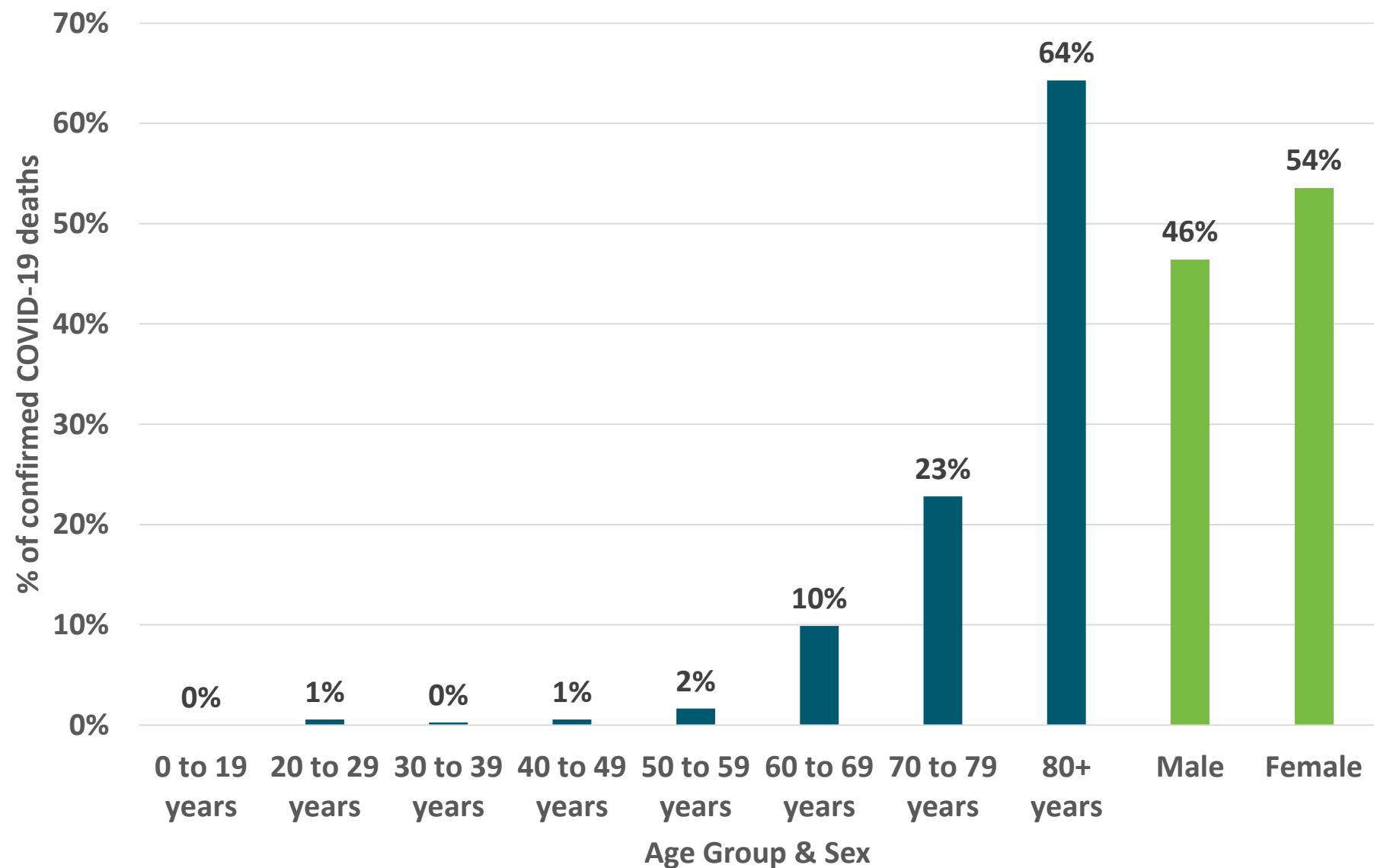


Date of Deaths

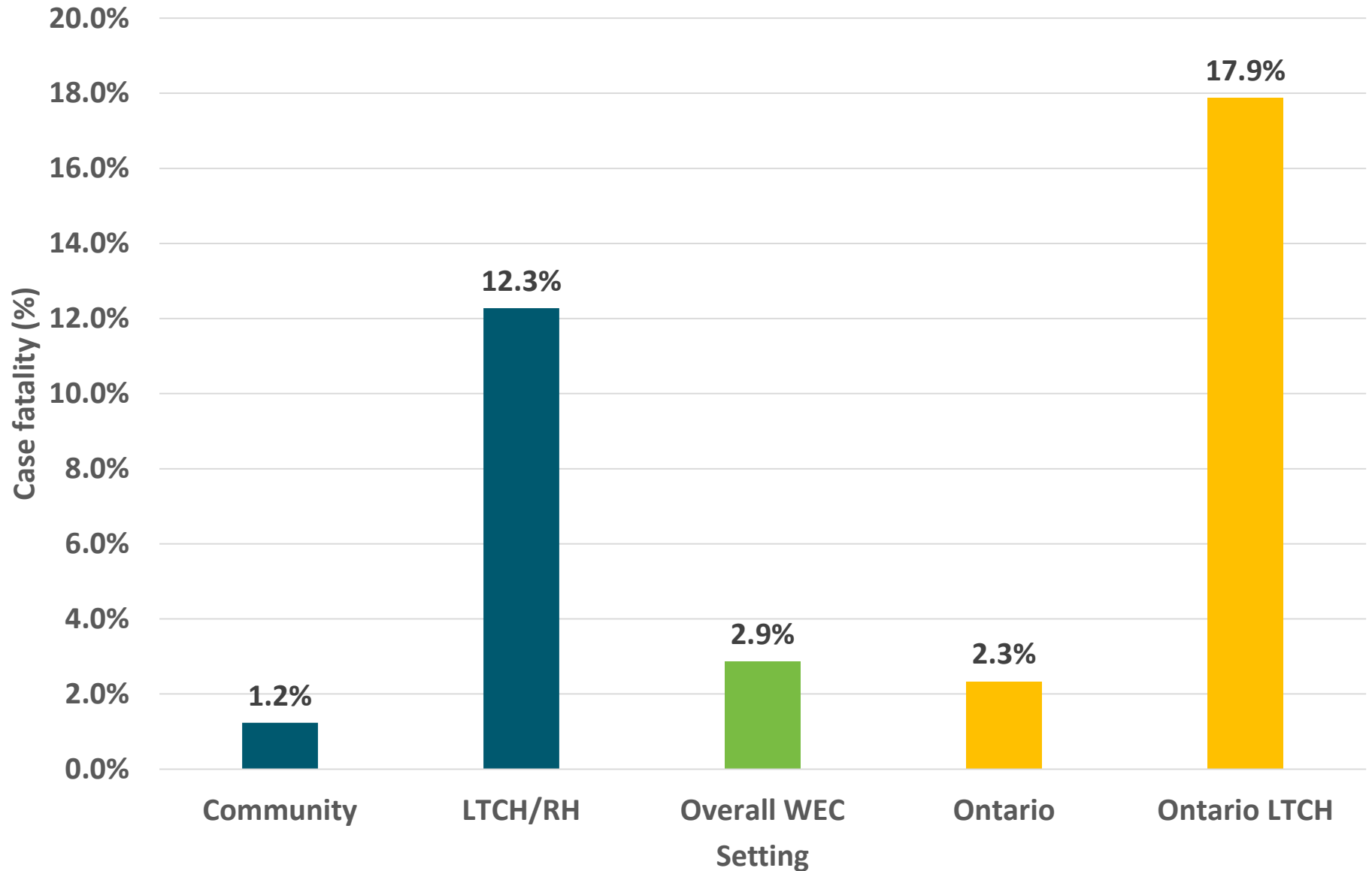


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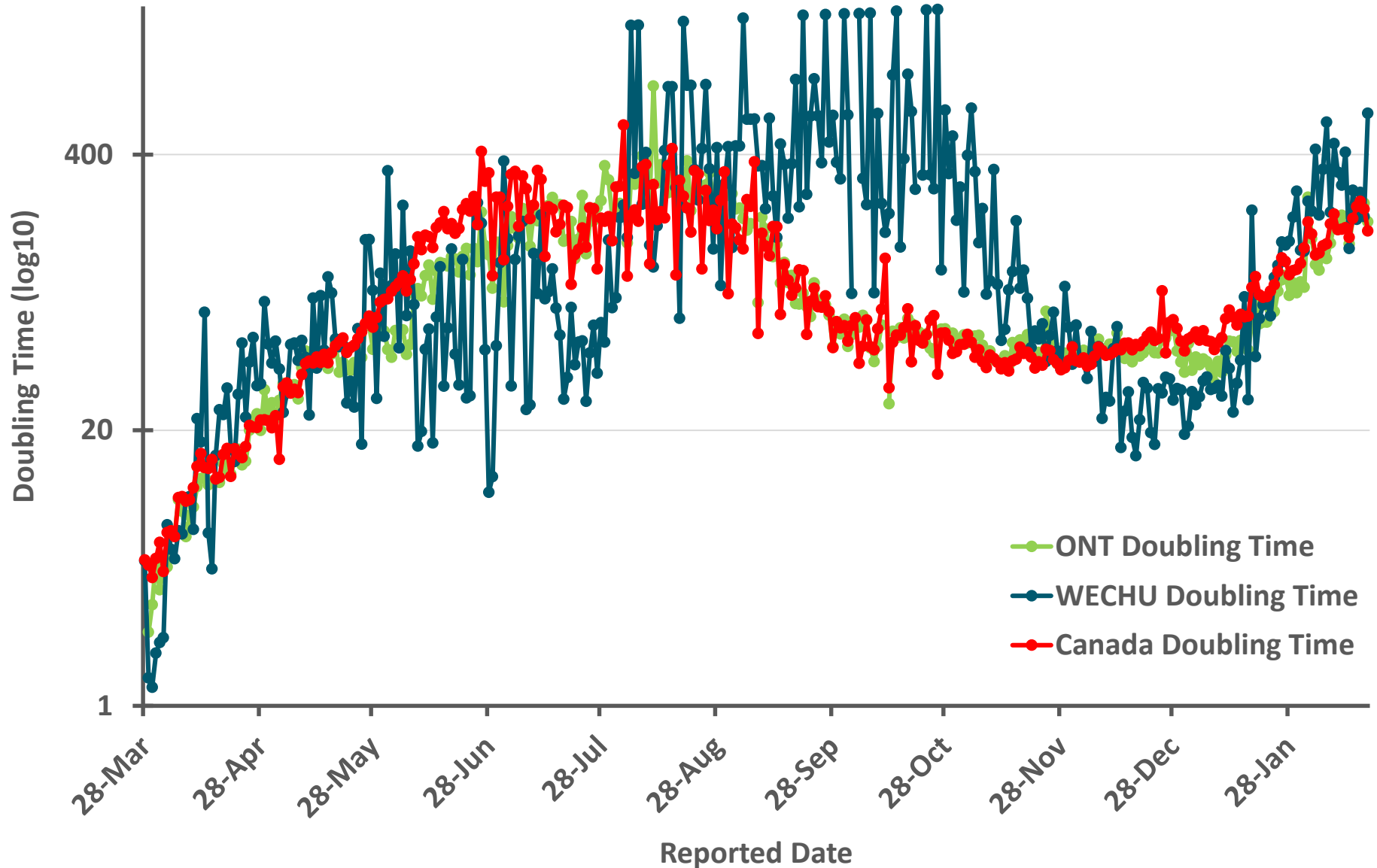
Age & Sex Breakdown of COVID-19 Deaths



Case Fatality Rate

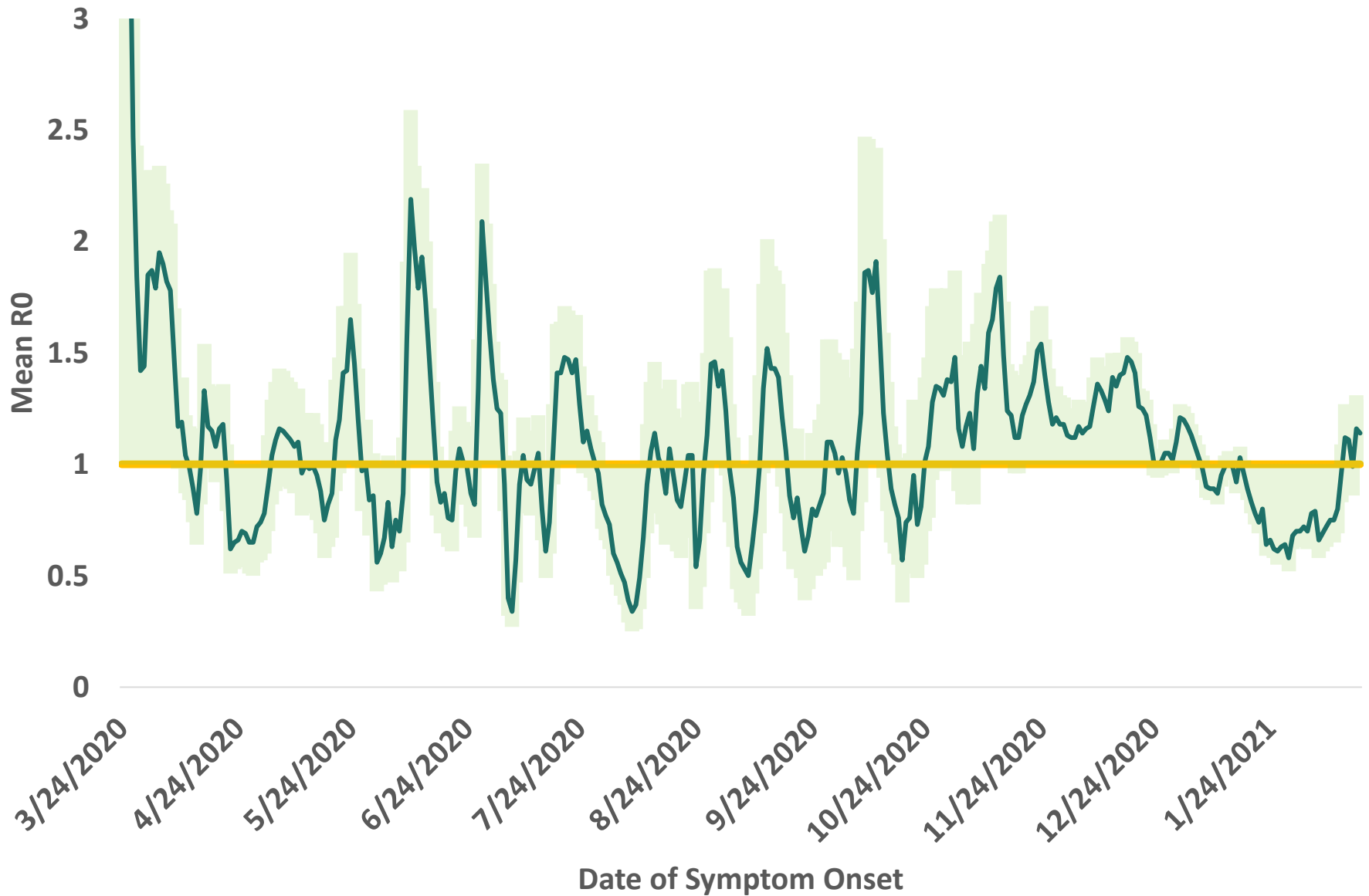


Doubling Time (Day over Day Comparison)



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Median R0 (Effective)



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Summary

- The case rate in Windsor-Essex County increased this week
- Acquisition source is distributed between household contacts, close contacts and outbreaks indicated widespread community transmission.
- COVID-19 related hospitalizations continue to decrease
- The number of active outbreaks in the region is also declining.
- Day-over-day doubling time in Windsor-Essex is better than Ontario and Canada.

Summary of Monitoring Indicators for WEC

- Most recent 7-day case rate =
58.1 cases/**100,000 population**
- Percent positivity = 2.9%
- R_o (effective) = 1.14
- *Criteria for Red (Control)*
 - *Weekly case rate of 40 or more/100,000 population*
 - *Percent positivity of 2.5 or more*
 - *R_o (effective) of 1.2 or more*