

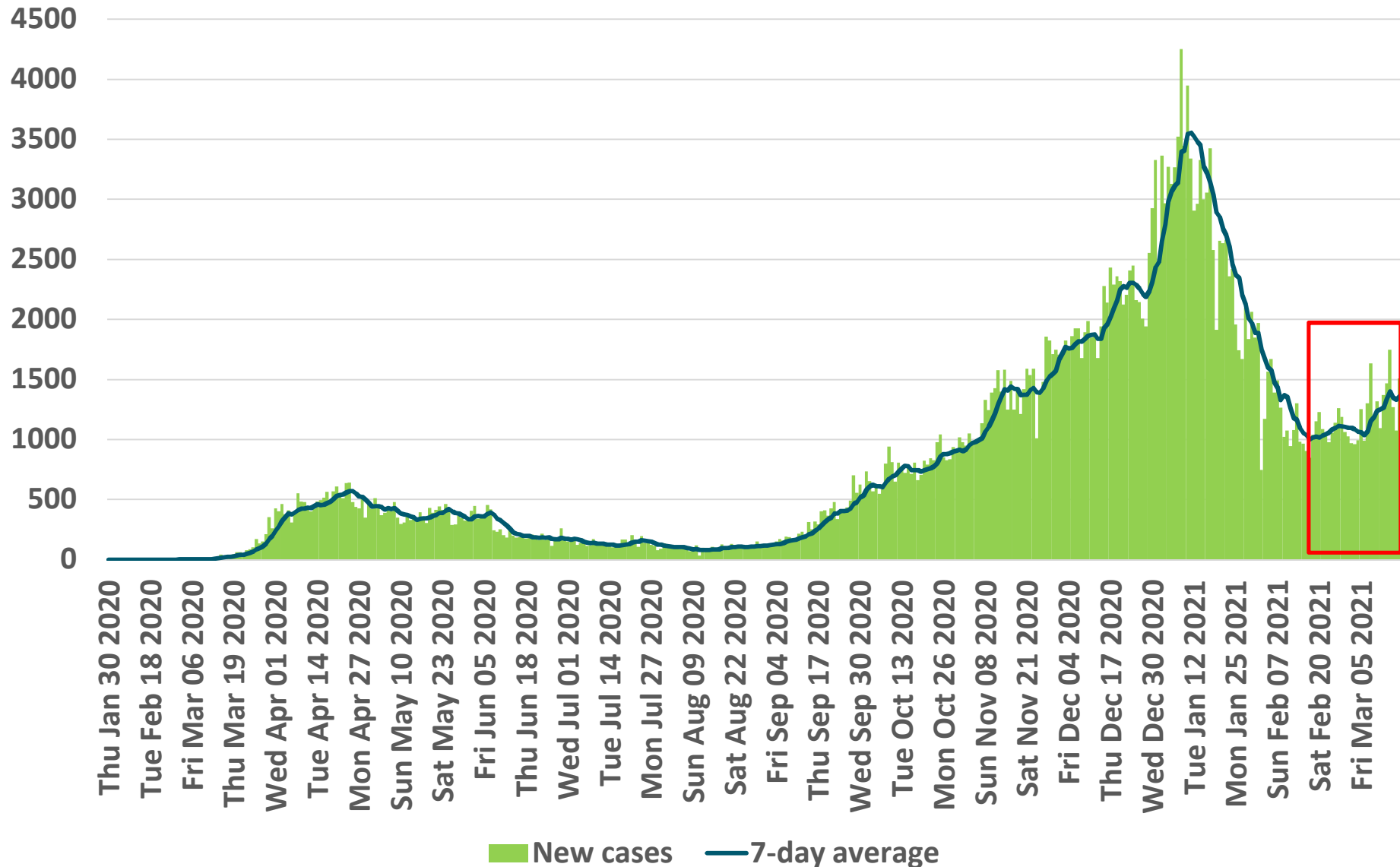


COVID-19 *LIVE UPDATE*

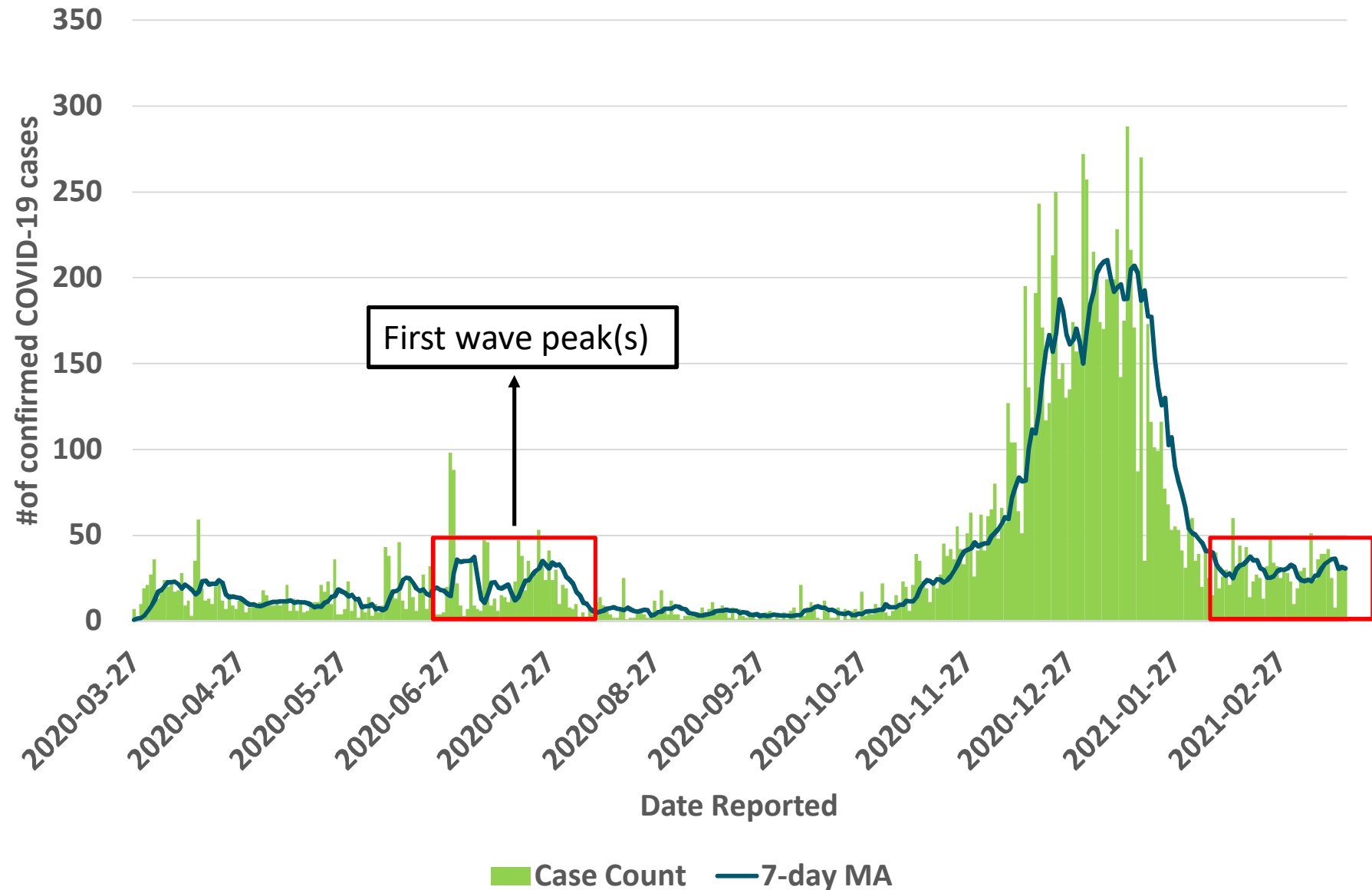
March 19, 2021

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

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

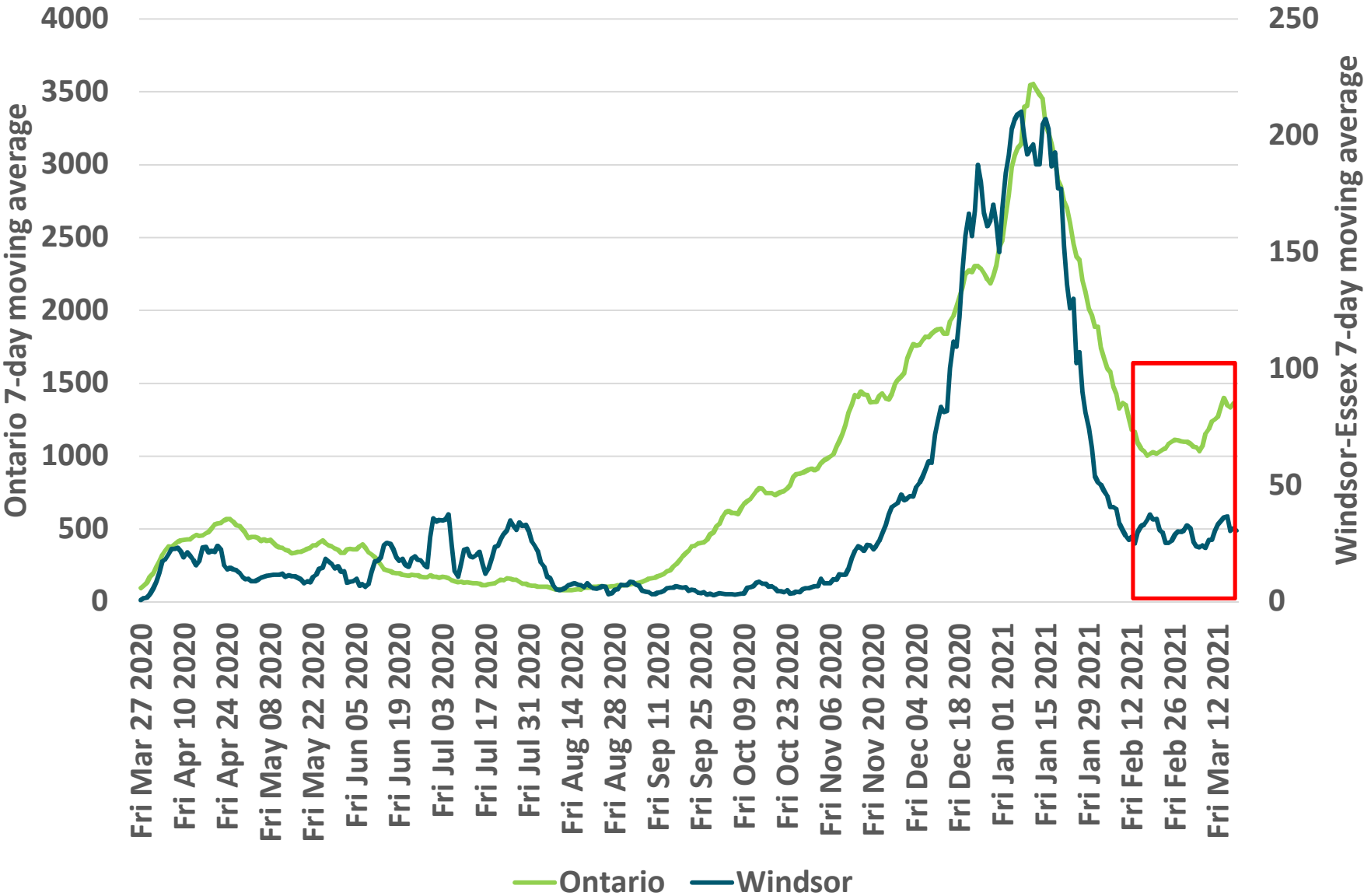


Epidemic Curve by Reported Date in Windsor-Essex

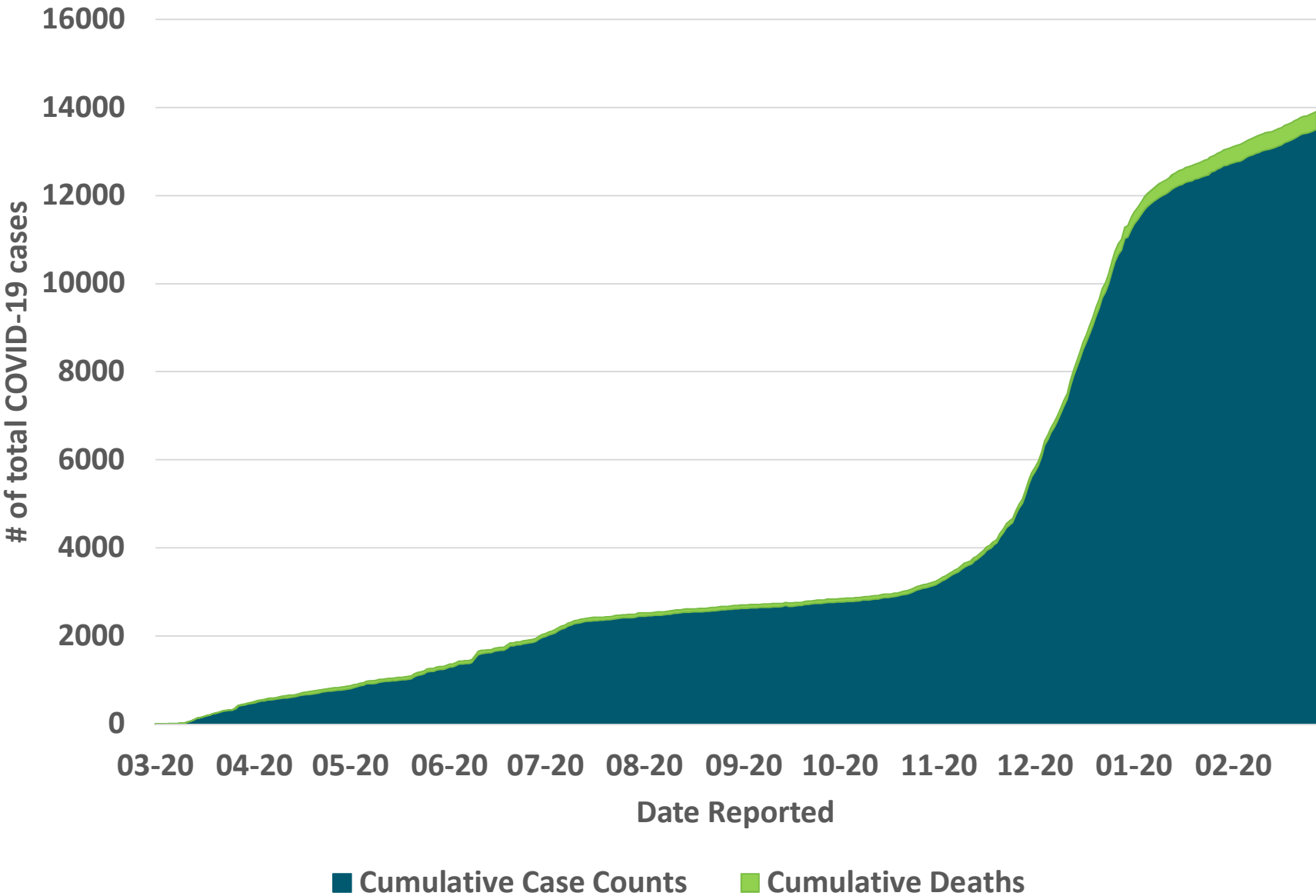


2021-03-19

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

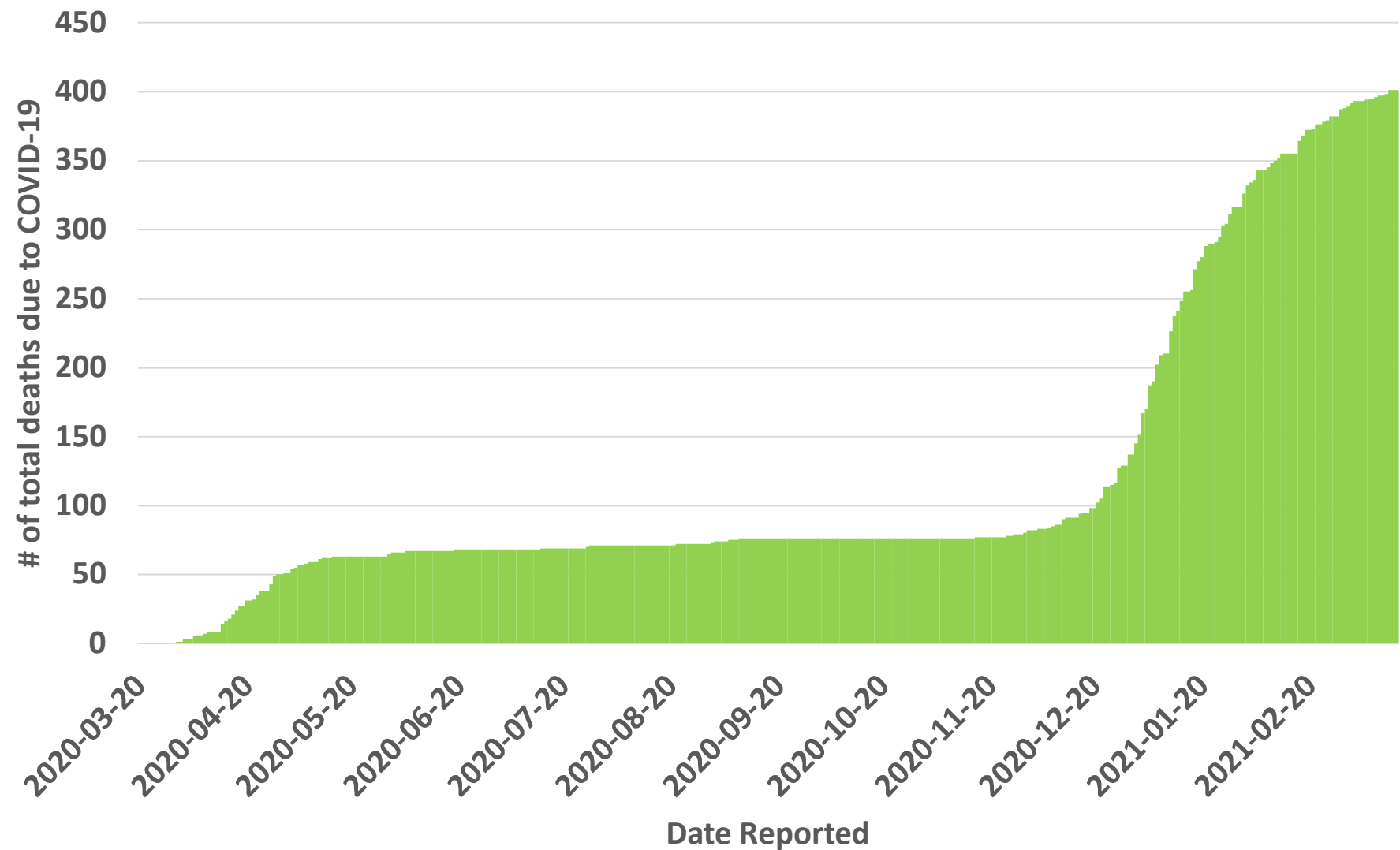


Cumulative Cases and Deaths of COVID-19 in WEC



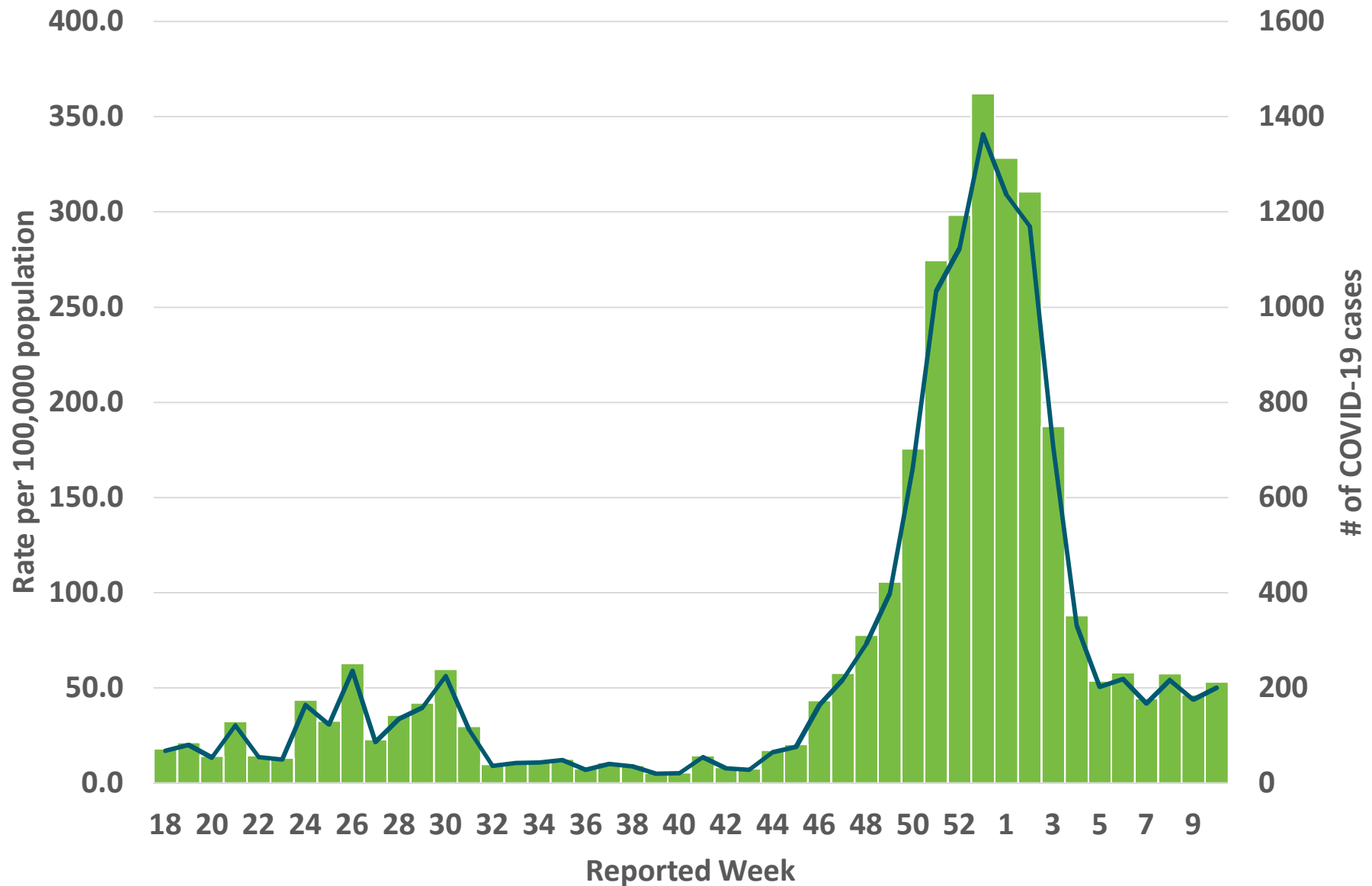
2021-03-19

Cumulative Deaths in Windsor-Essex



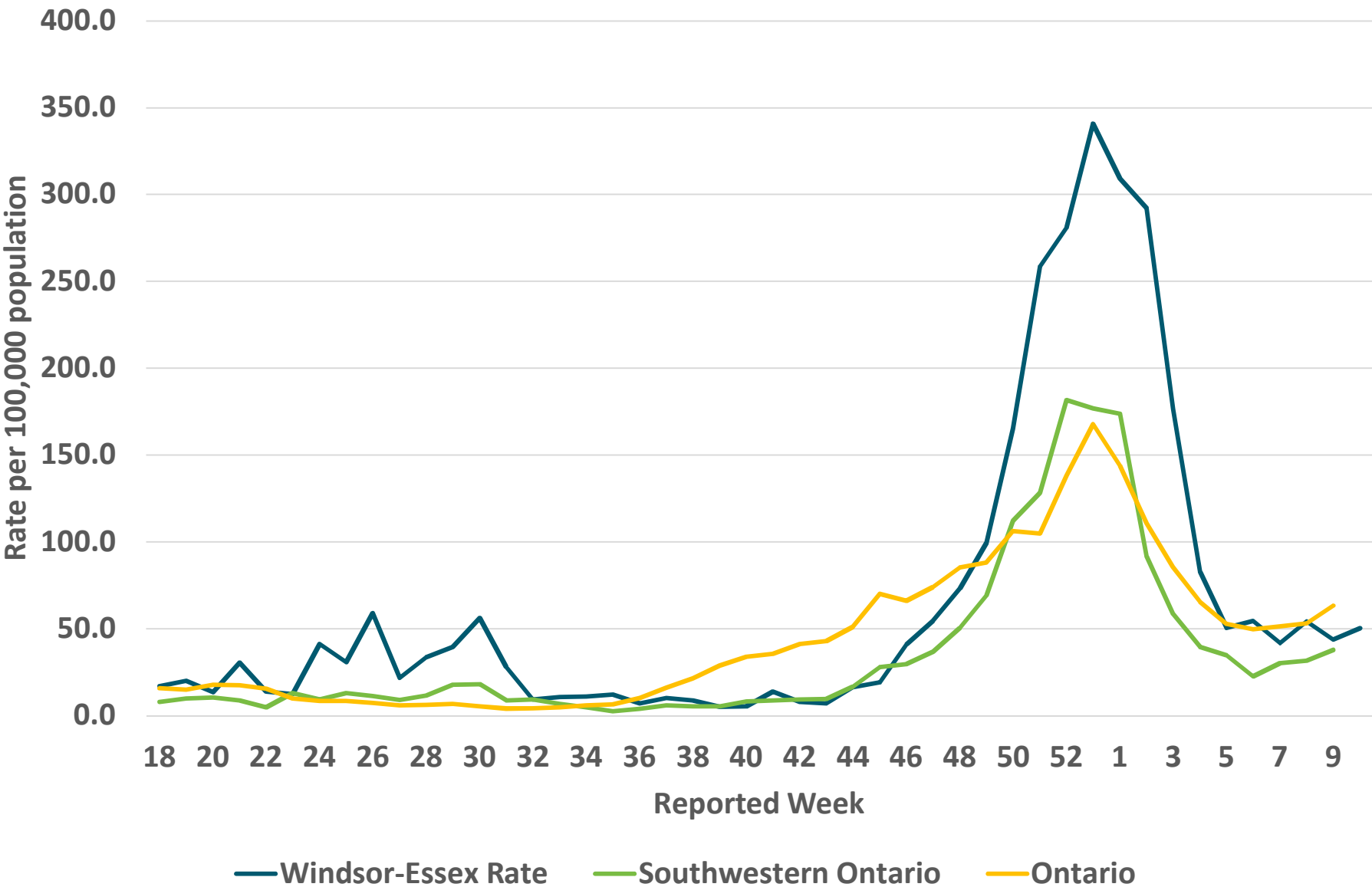
2021-03-19

Windsor-Essex Rate by Reported Week



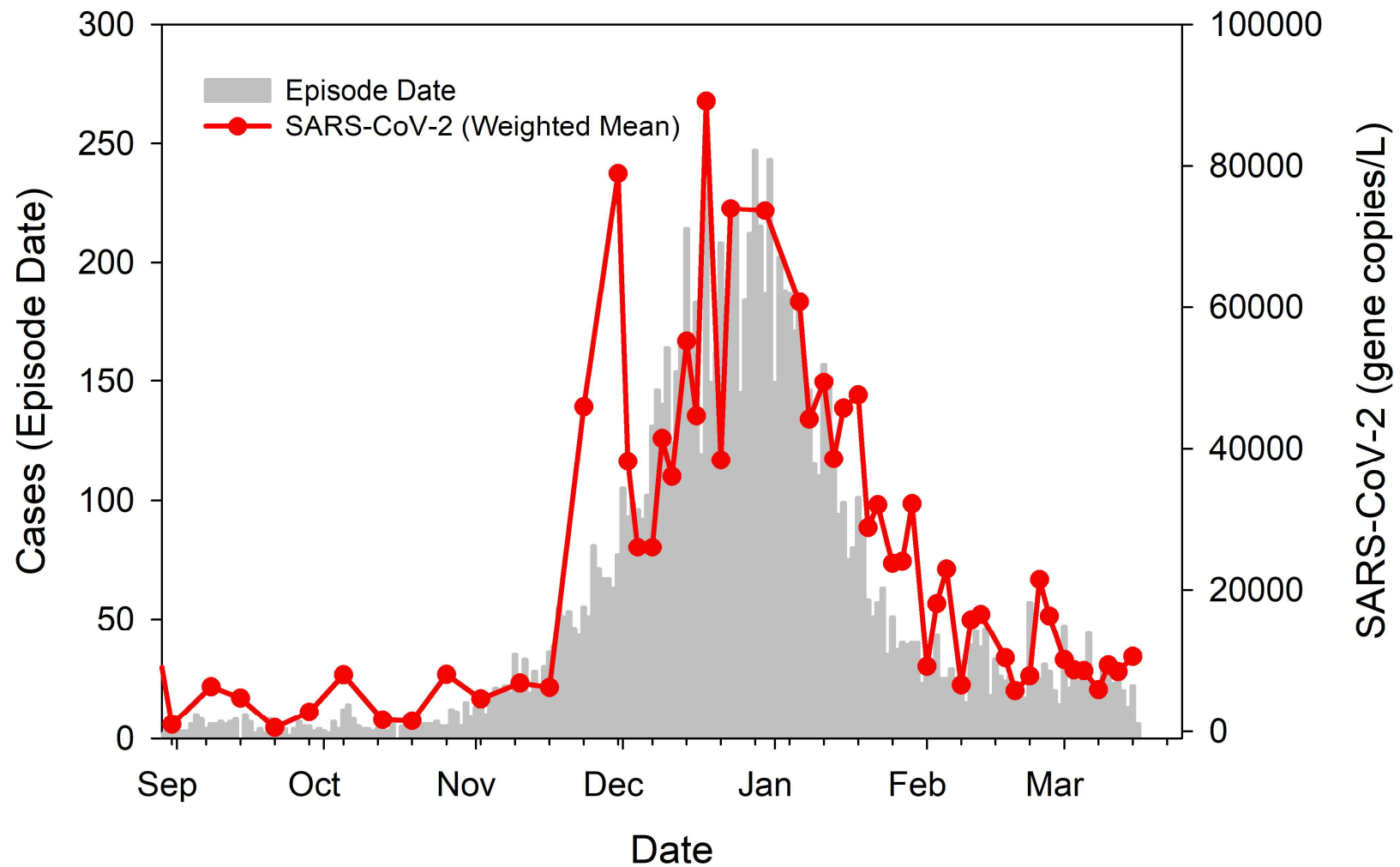
2021-03-19

Weekly COVID-19 Rate



2021-03-19

Windsor-Essex Wastewater Data



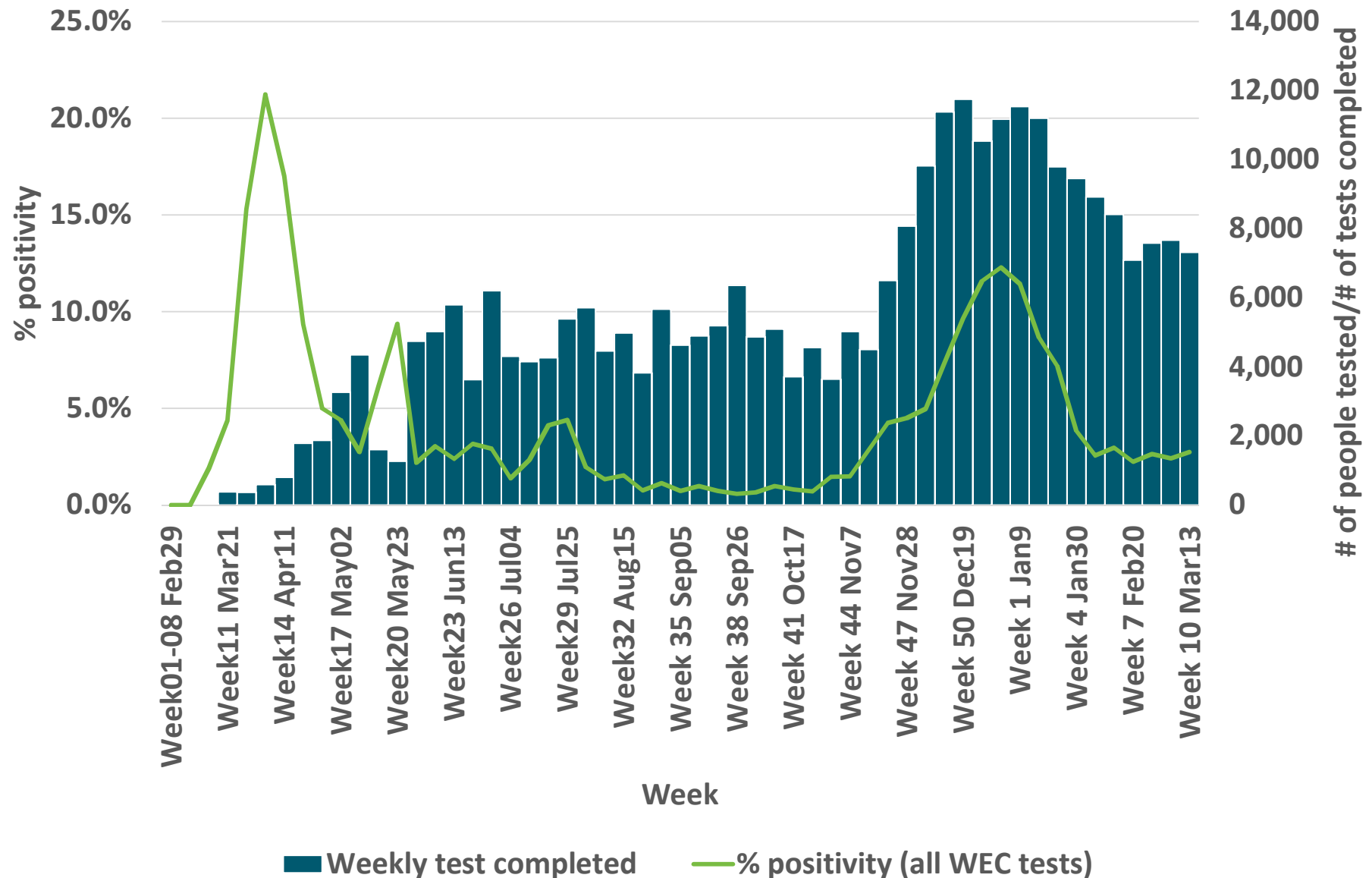
GLIER
GREAT LAKES INSTITUTE FOR
ENVIRONMENTAL RESEARCH
at the University of Windsor



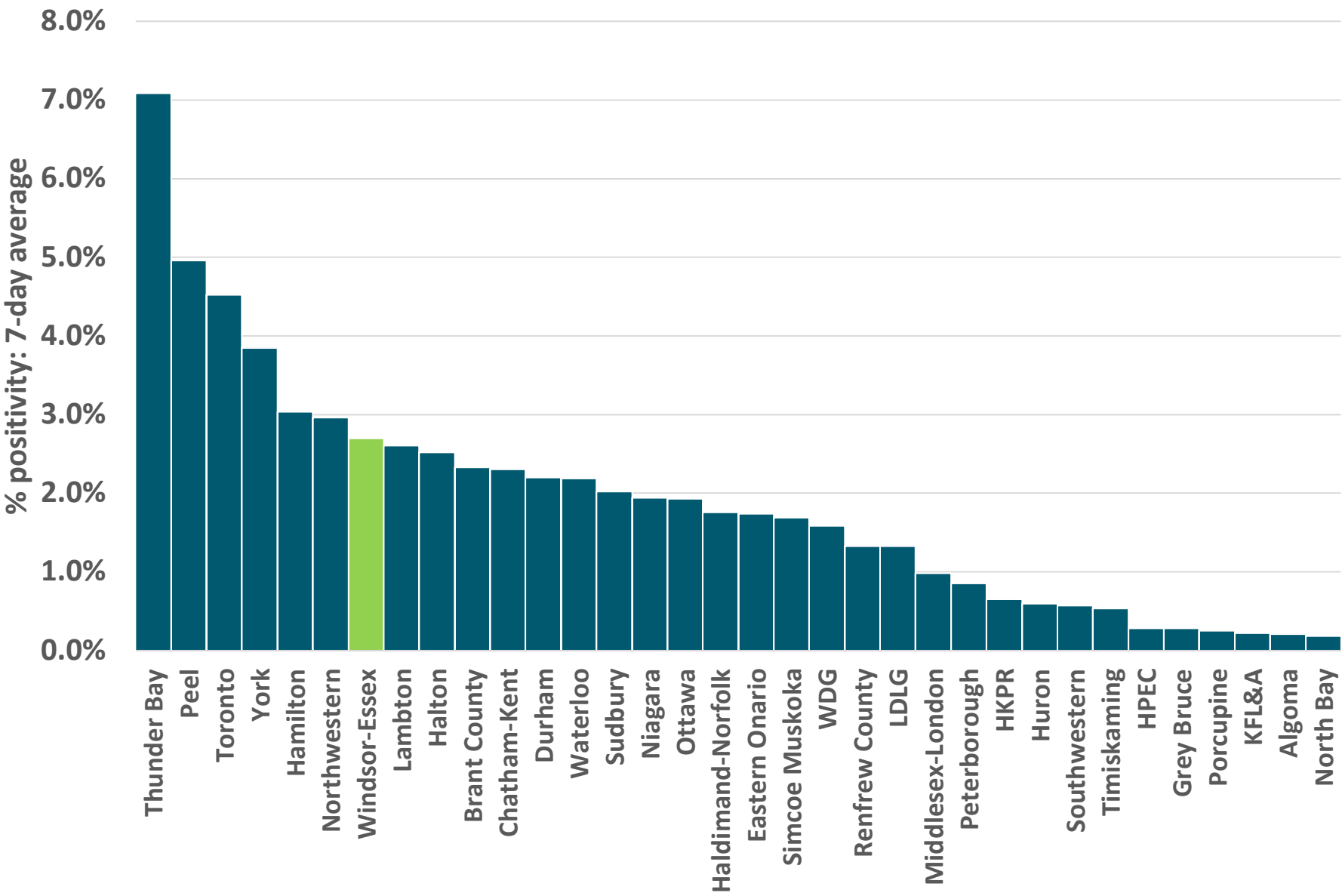
University
of Windsor

uwindsor.ca/GLIER

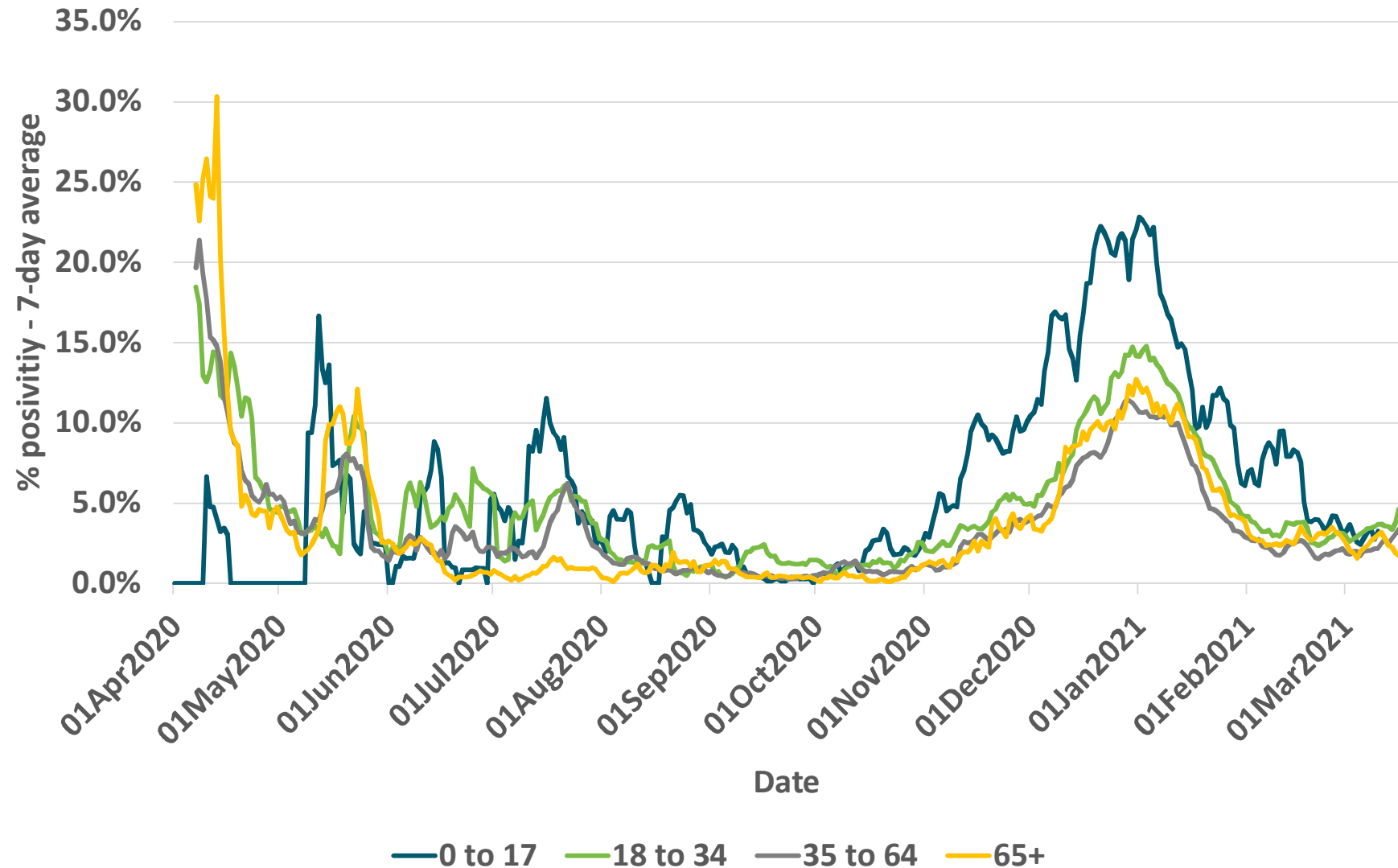
Percent Positivity by Week by All Tests



% Positivity in Ontario: 7-Day Average

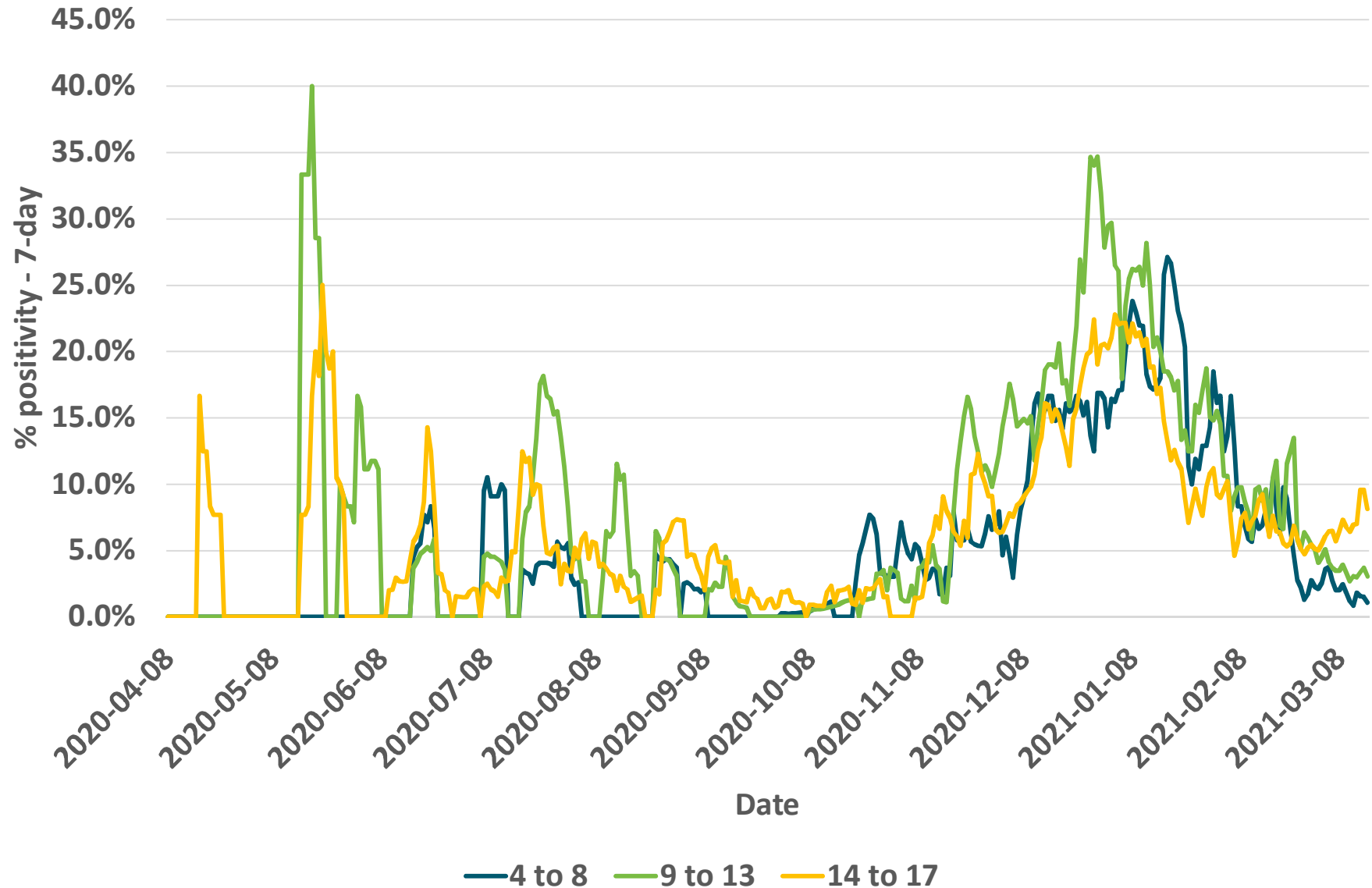


Percent Positivity by Age Group



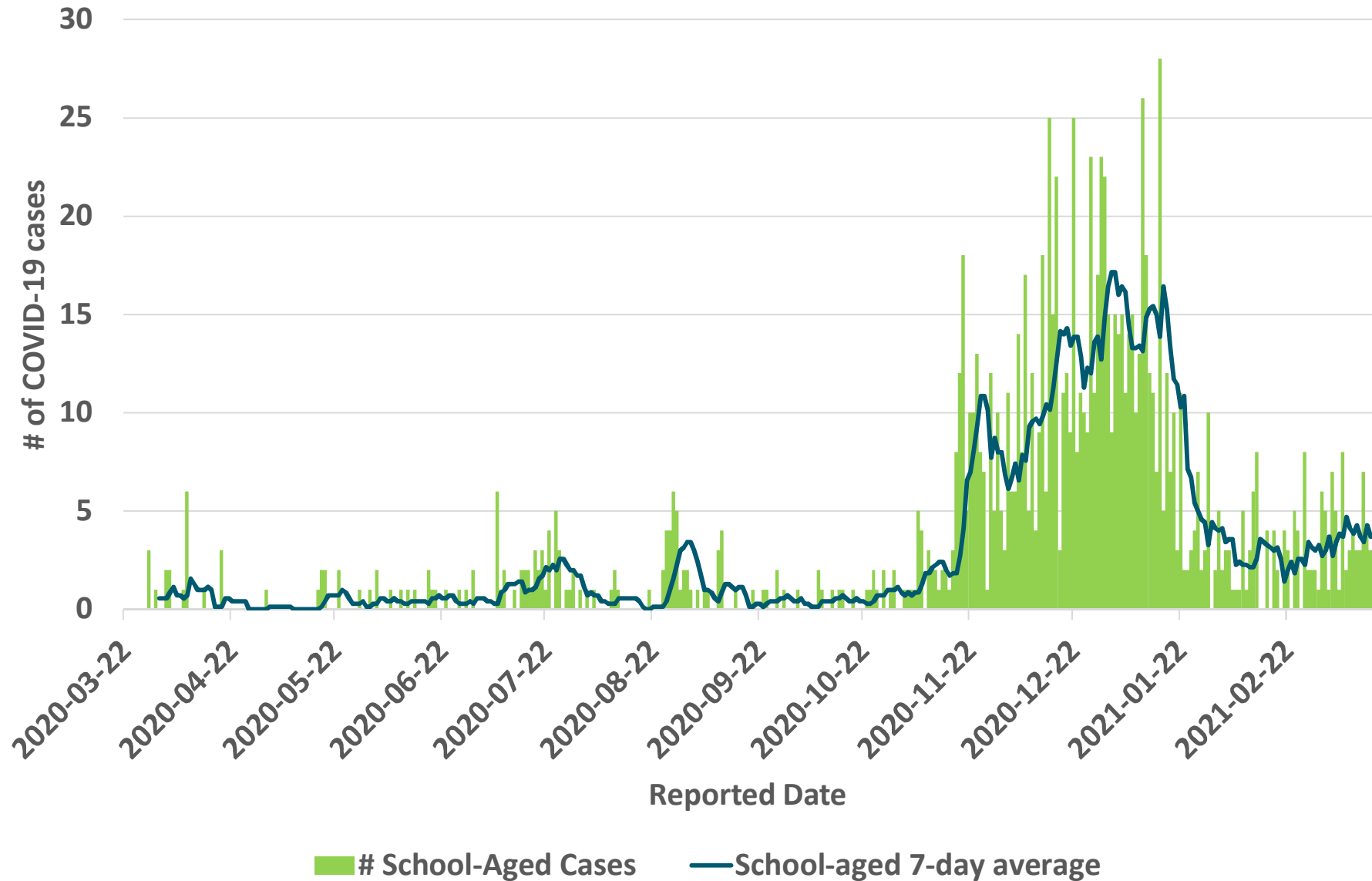
2021-03-19

Percent Positivity by School Aged



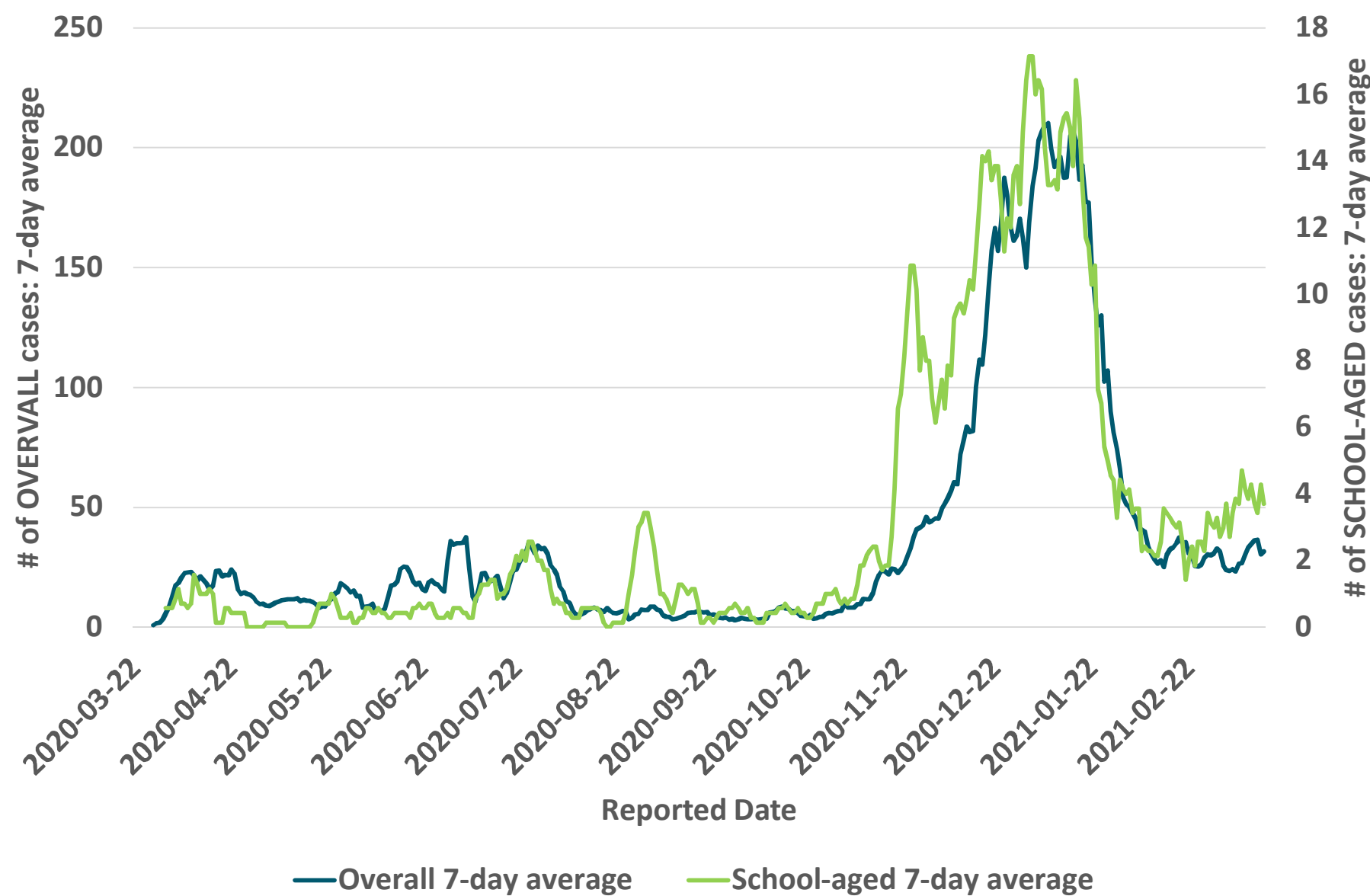
2021-03-19

School Aged Epidemic Curve in Windsor-Essex



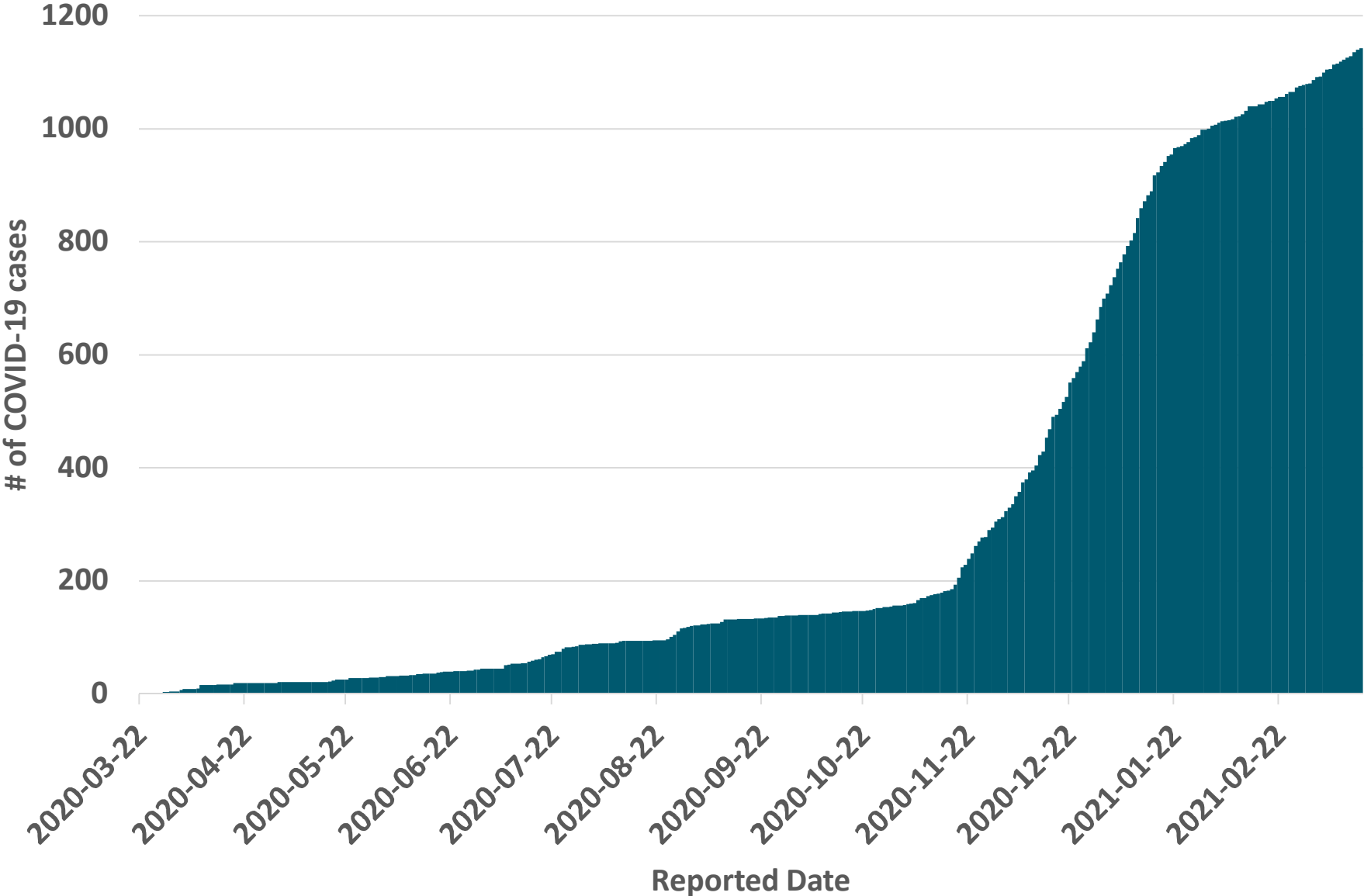
2021-03-19

7-Day Average Comparison: School Aged vs. Overall



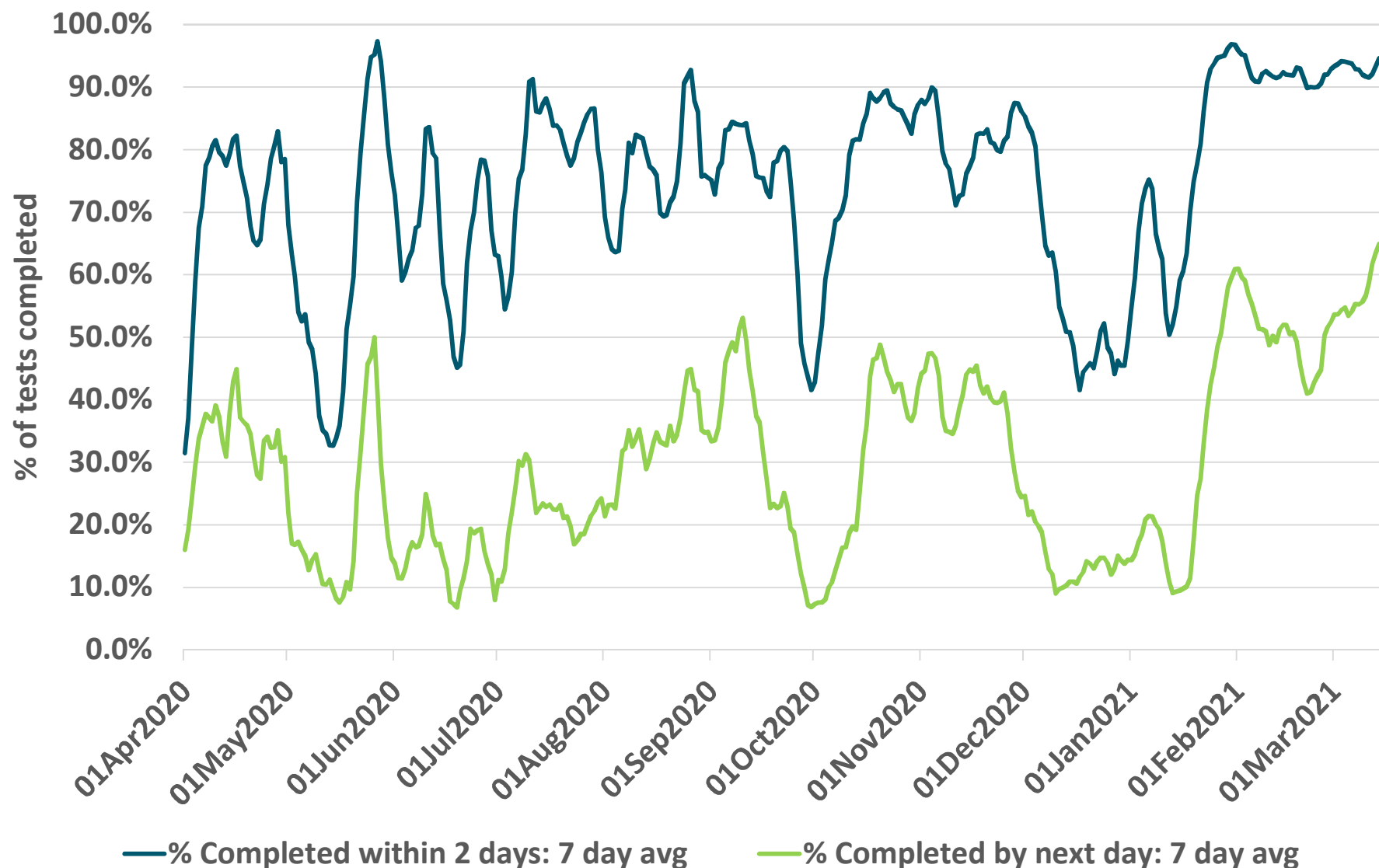
— Overall 7-day average — School-aged 7-day average

Cumulative Cases – School-Aged Children



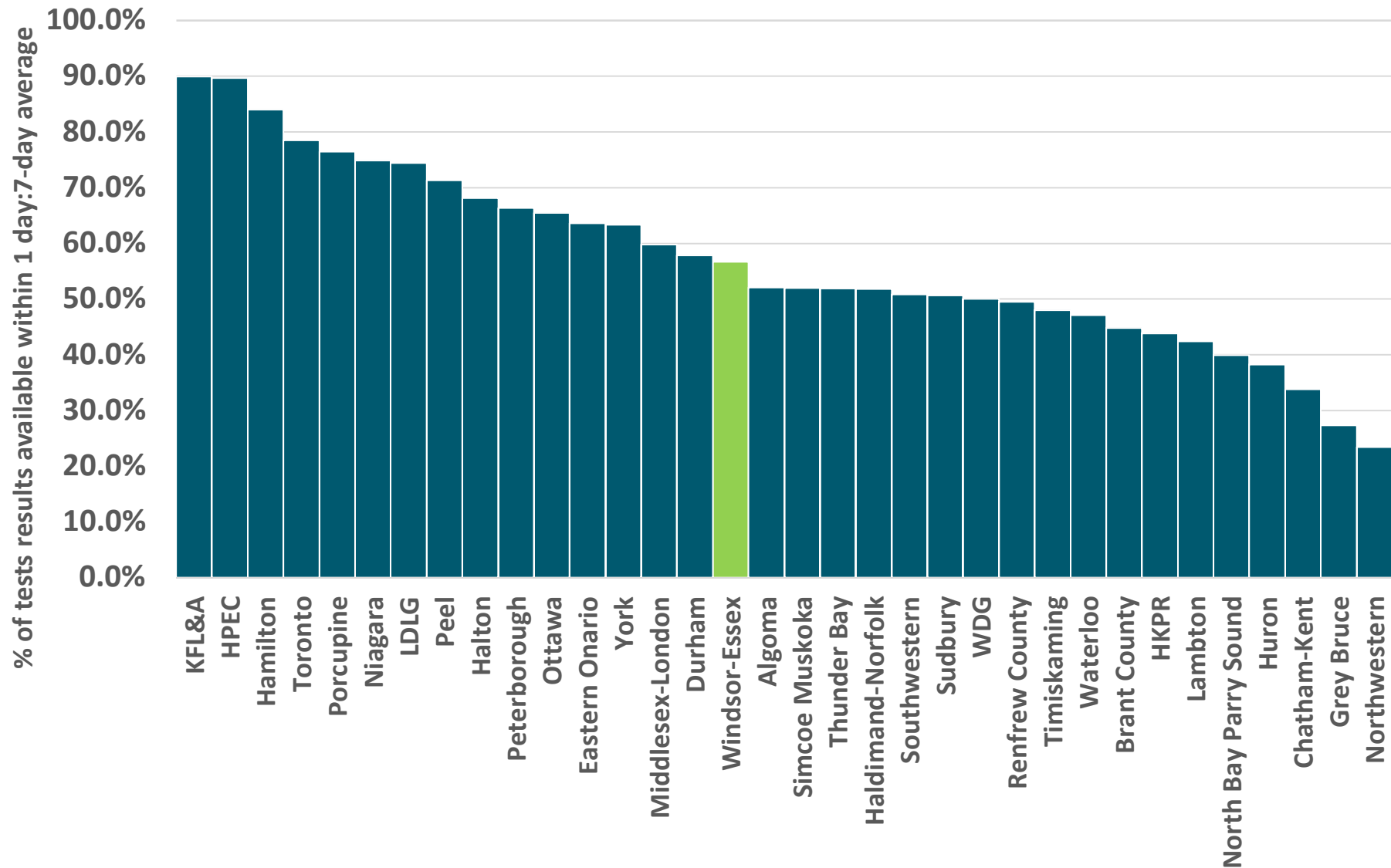
2021-03-19

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

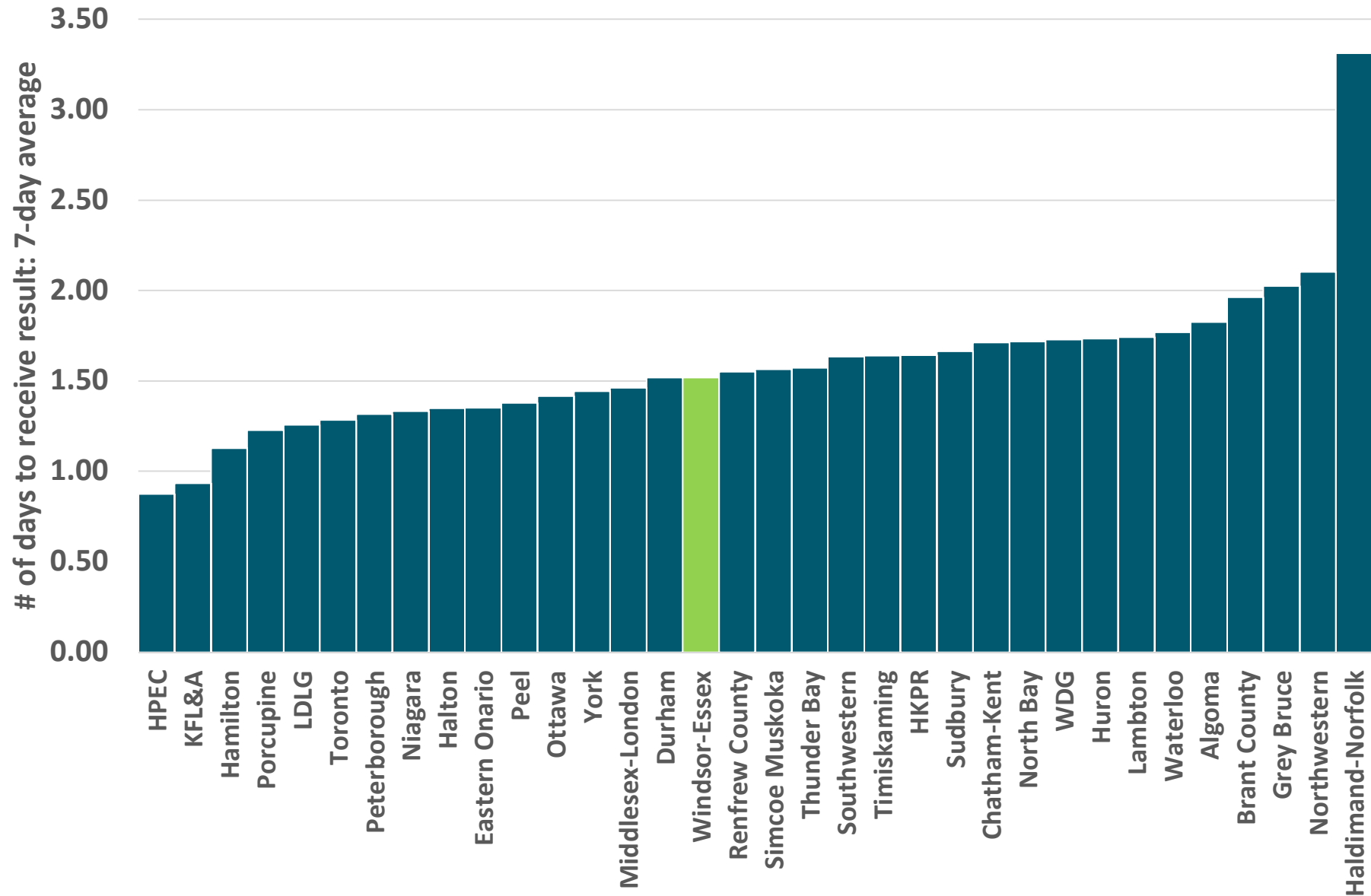


2021-03-19

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

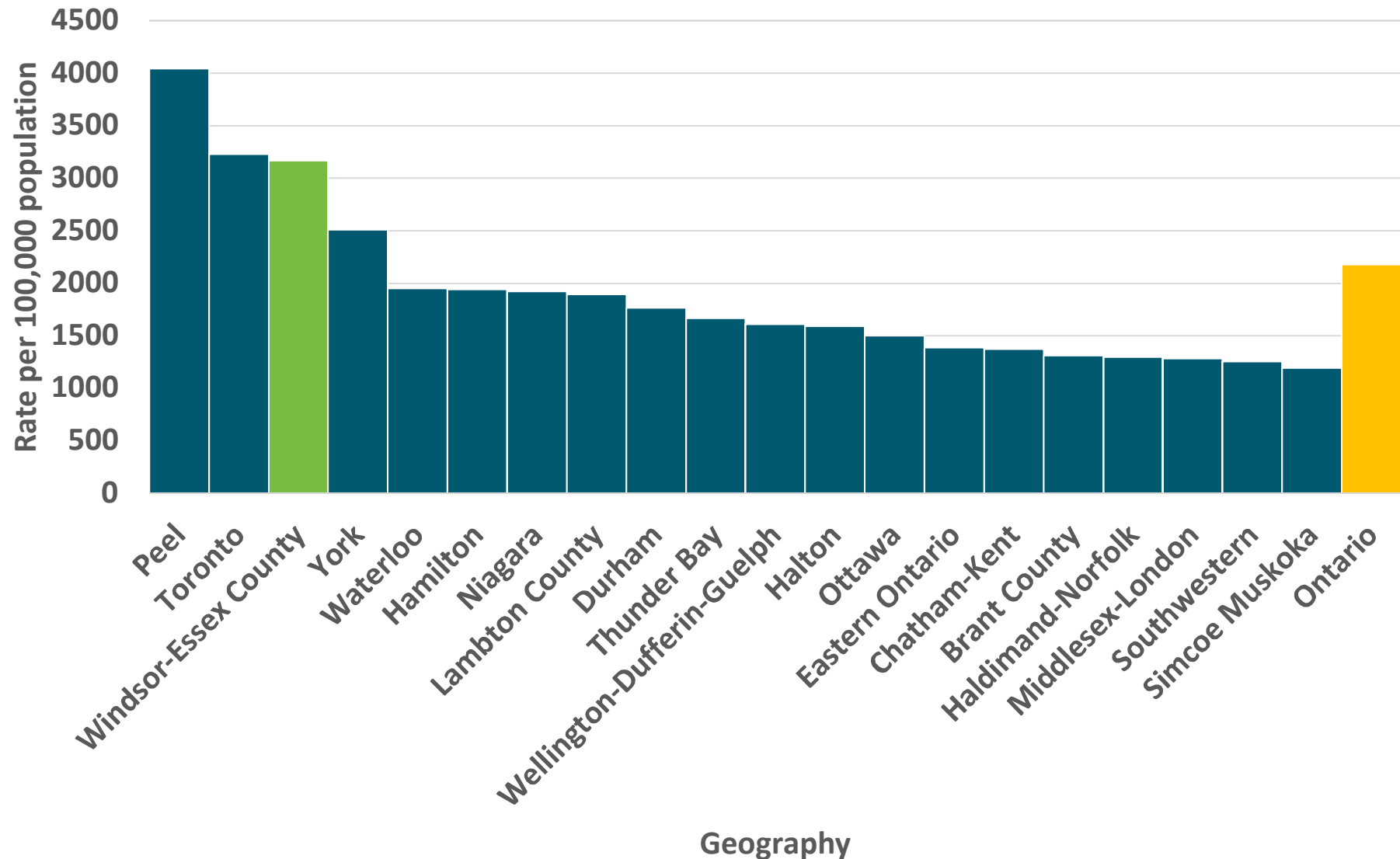


Number of Days to Receive Test Result: 7-Day Average

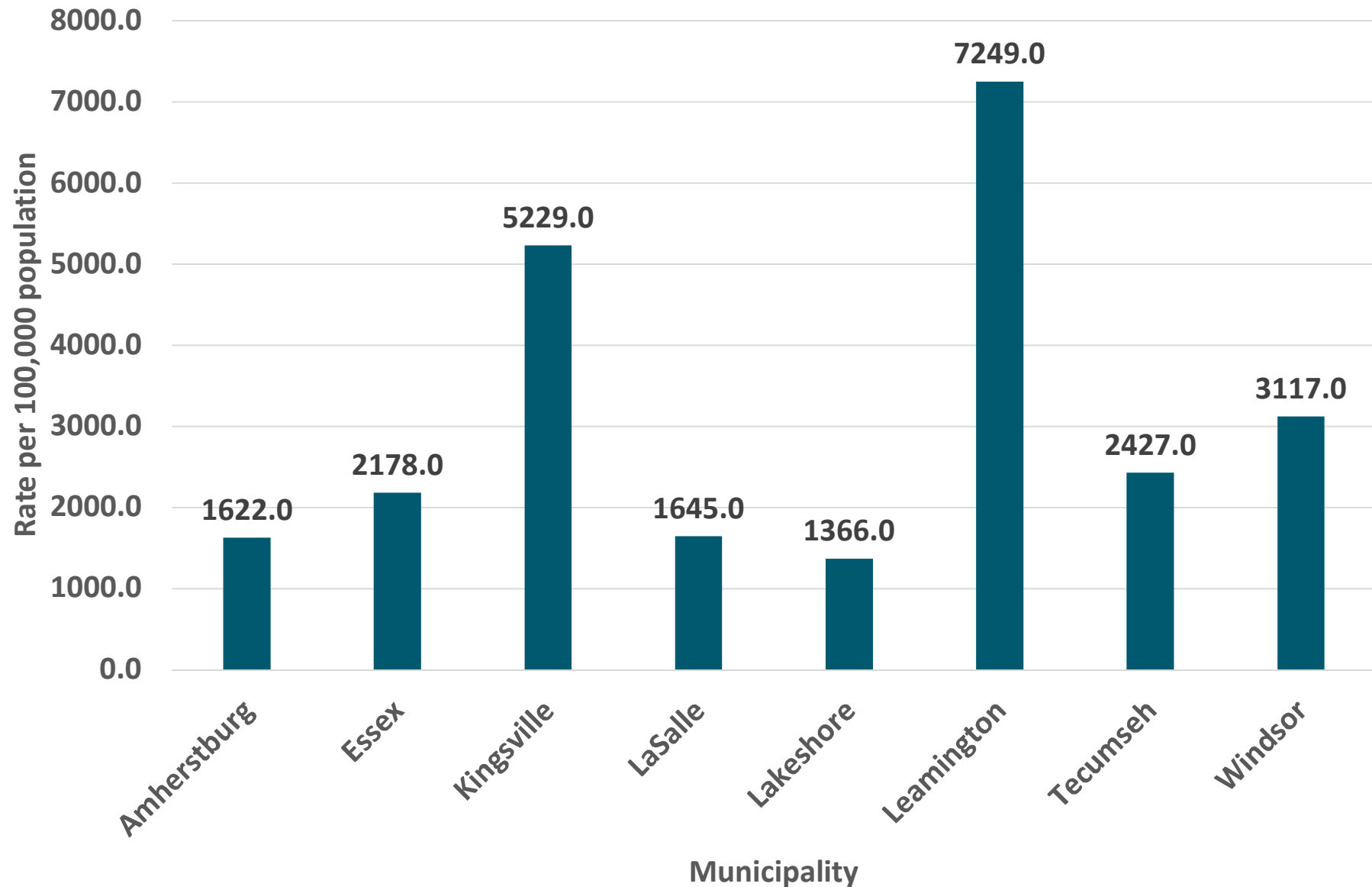


2021-03-19

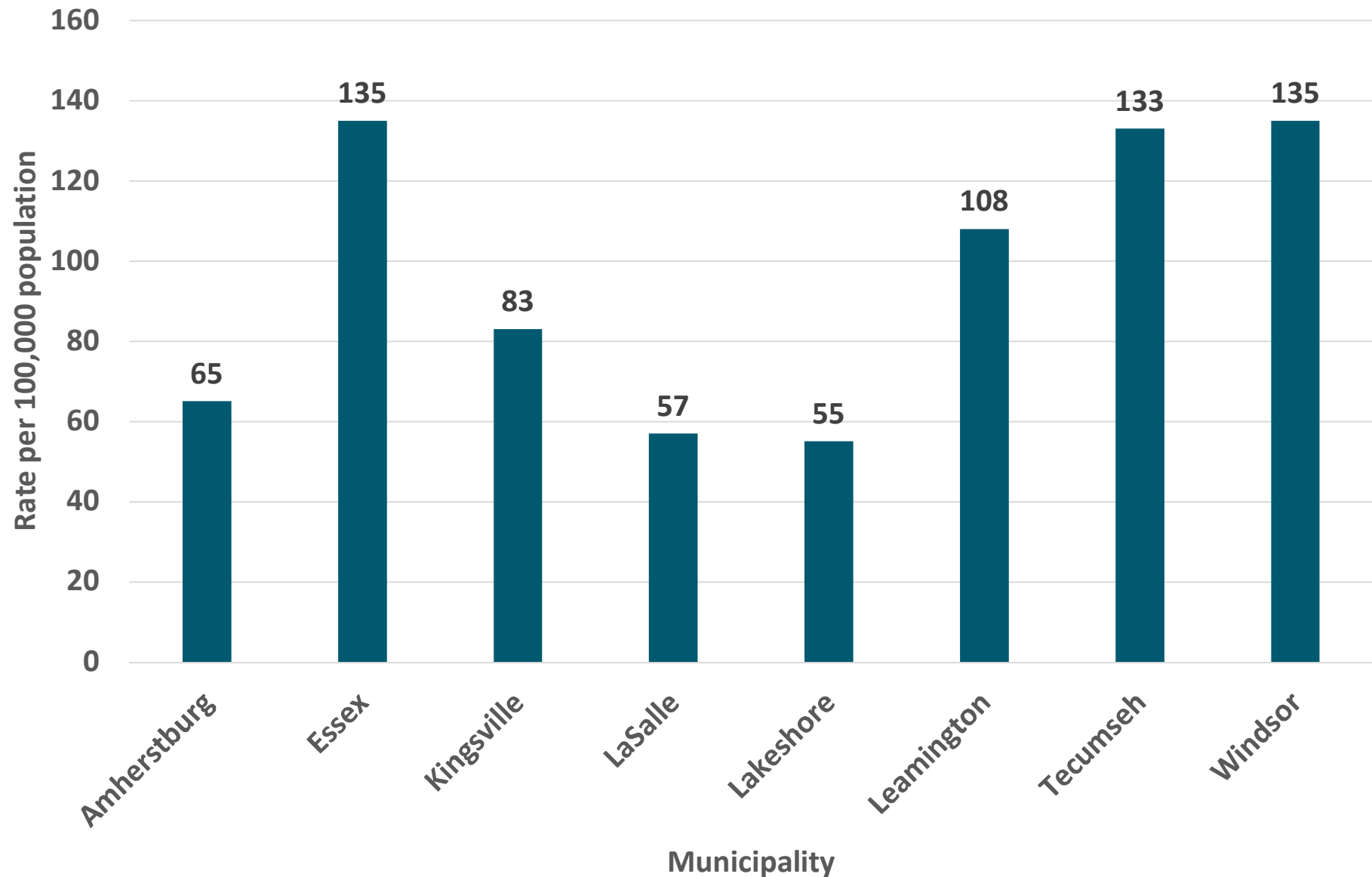
Cumulative Regional & Provincial Rates



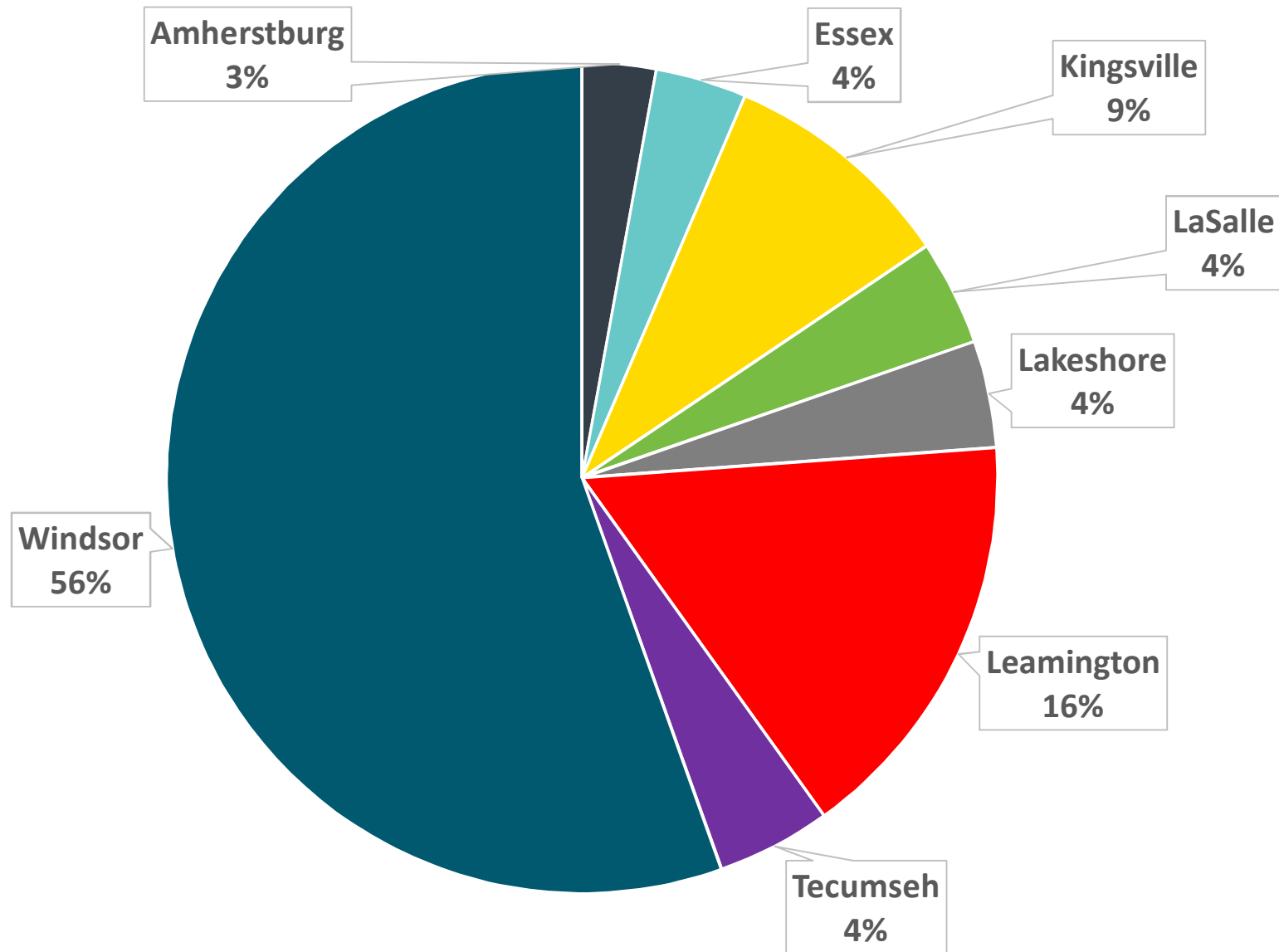
Rate per 100,000 by Municipality (Cumulative)



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

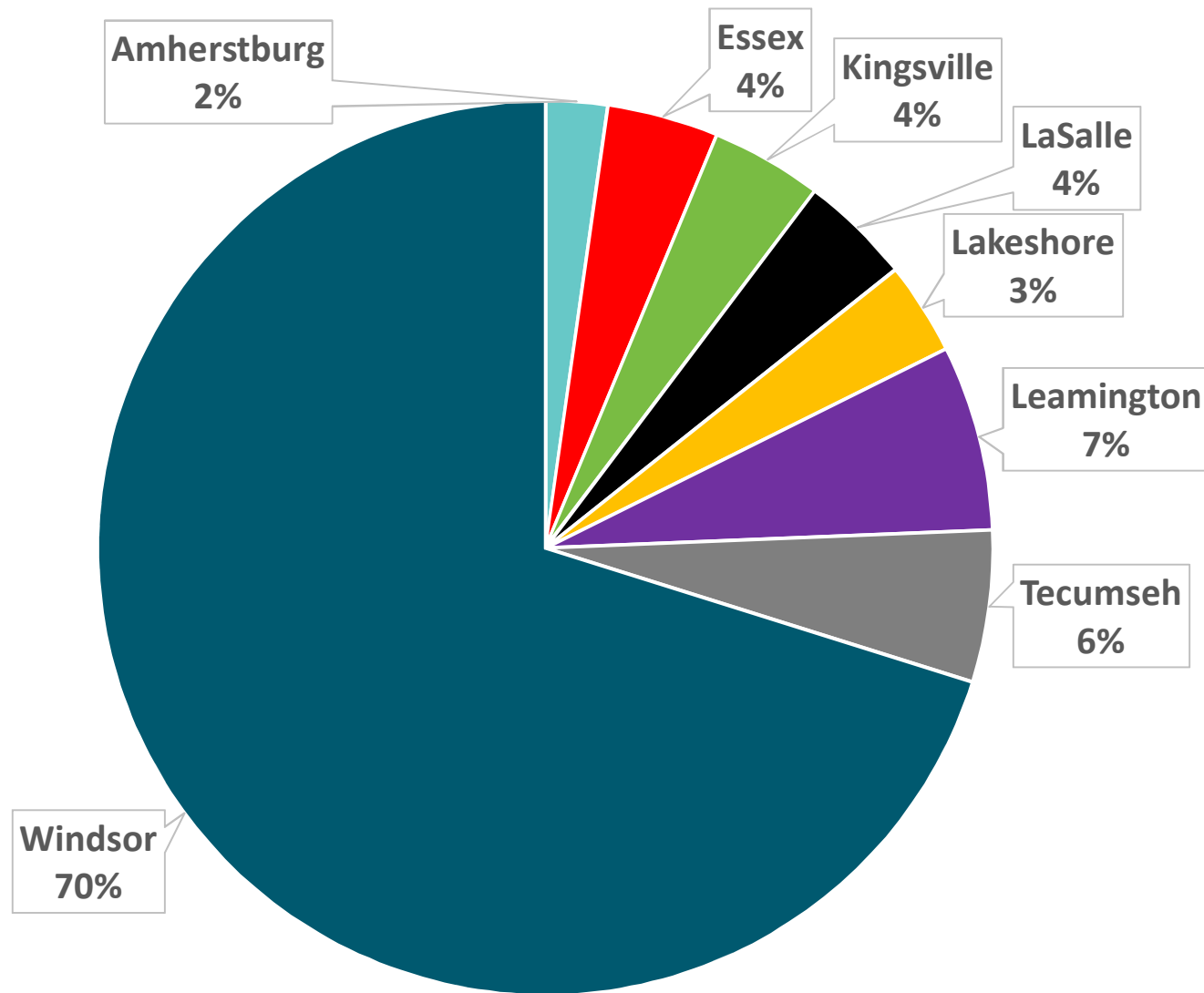


Distribution of COVID-19 Cases by Municipality

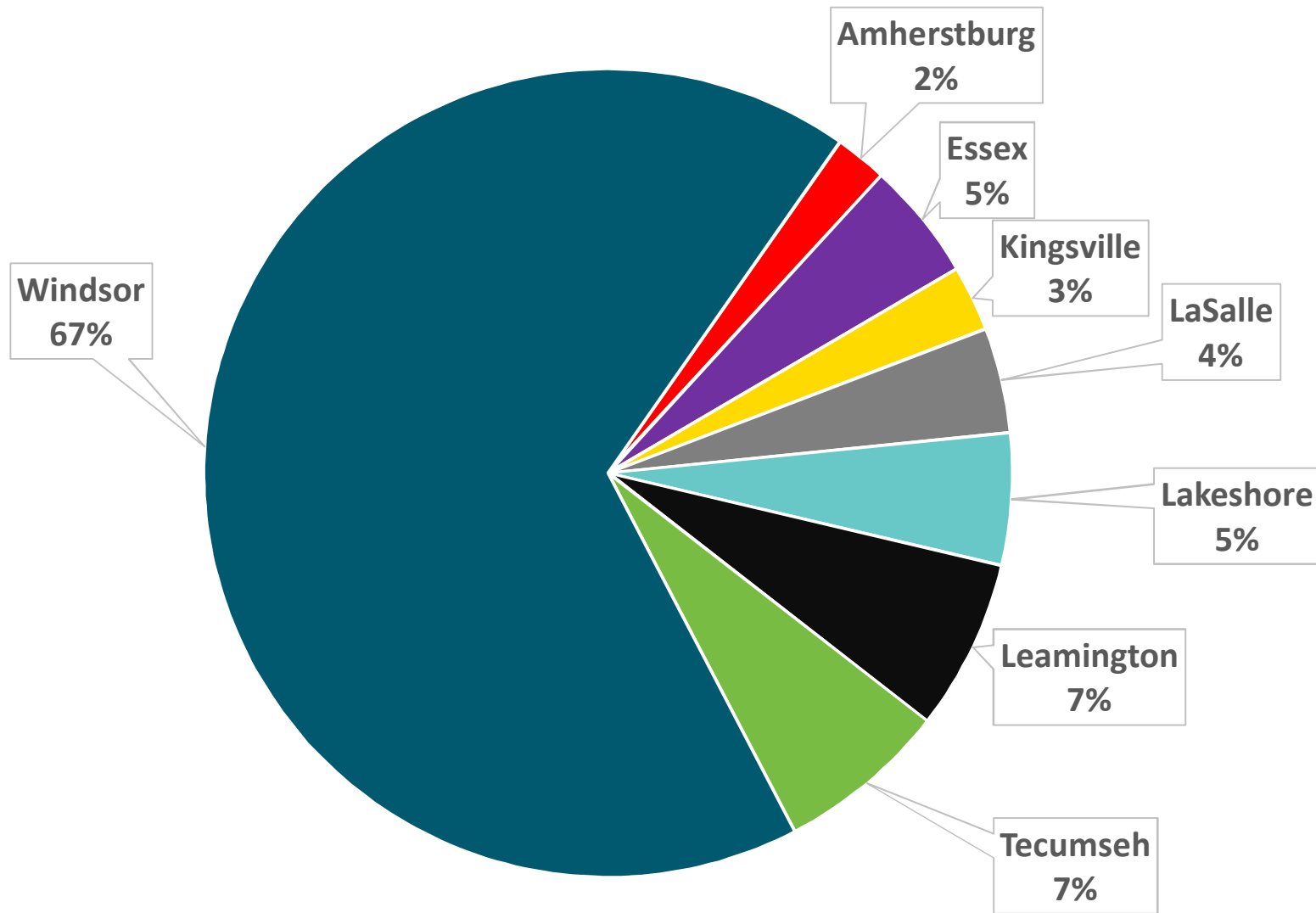


2021-03-19

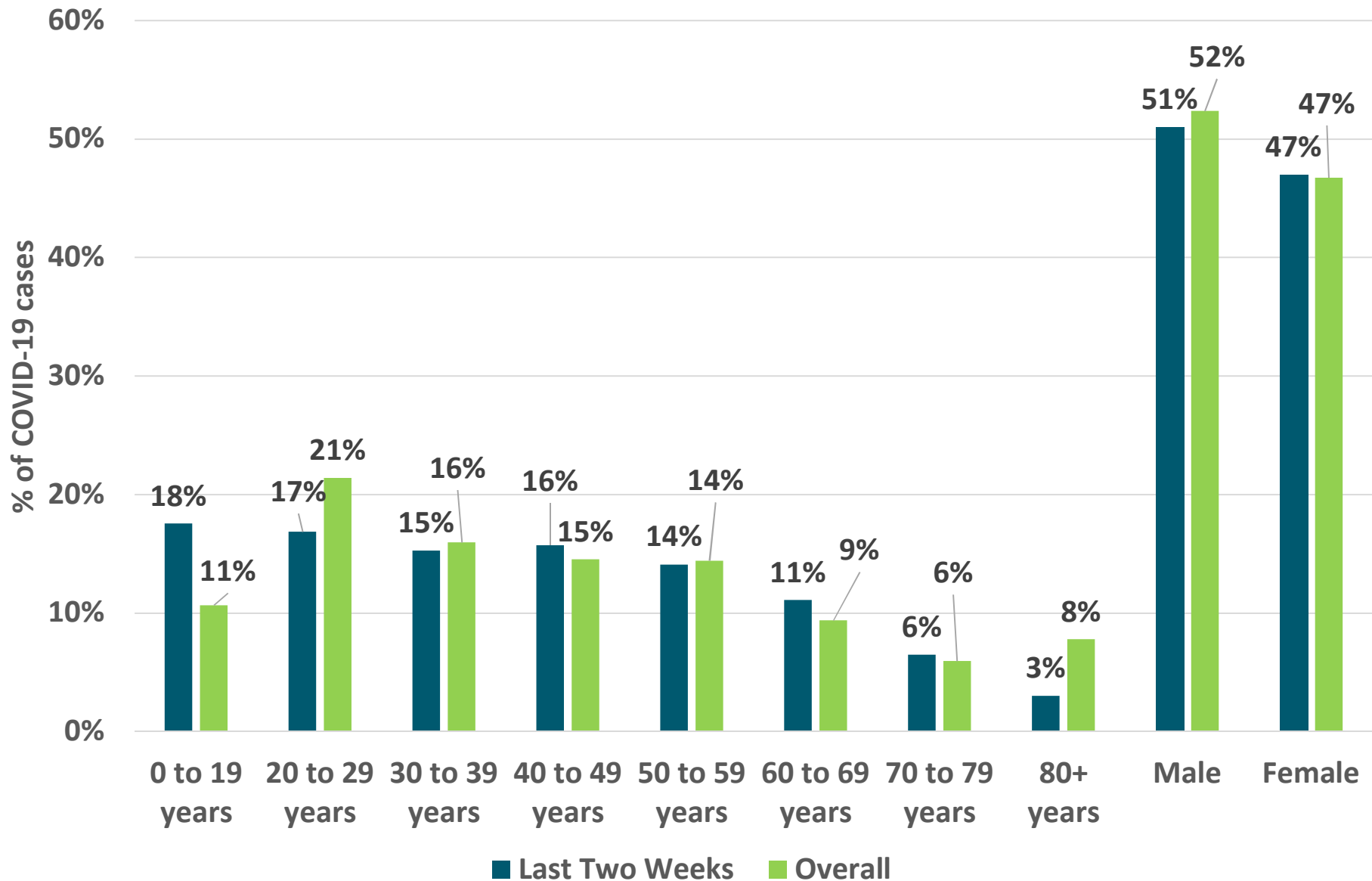
Distribution of COVID-19 Cases by Municipality in last 30 days (February 16 to March 17)



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

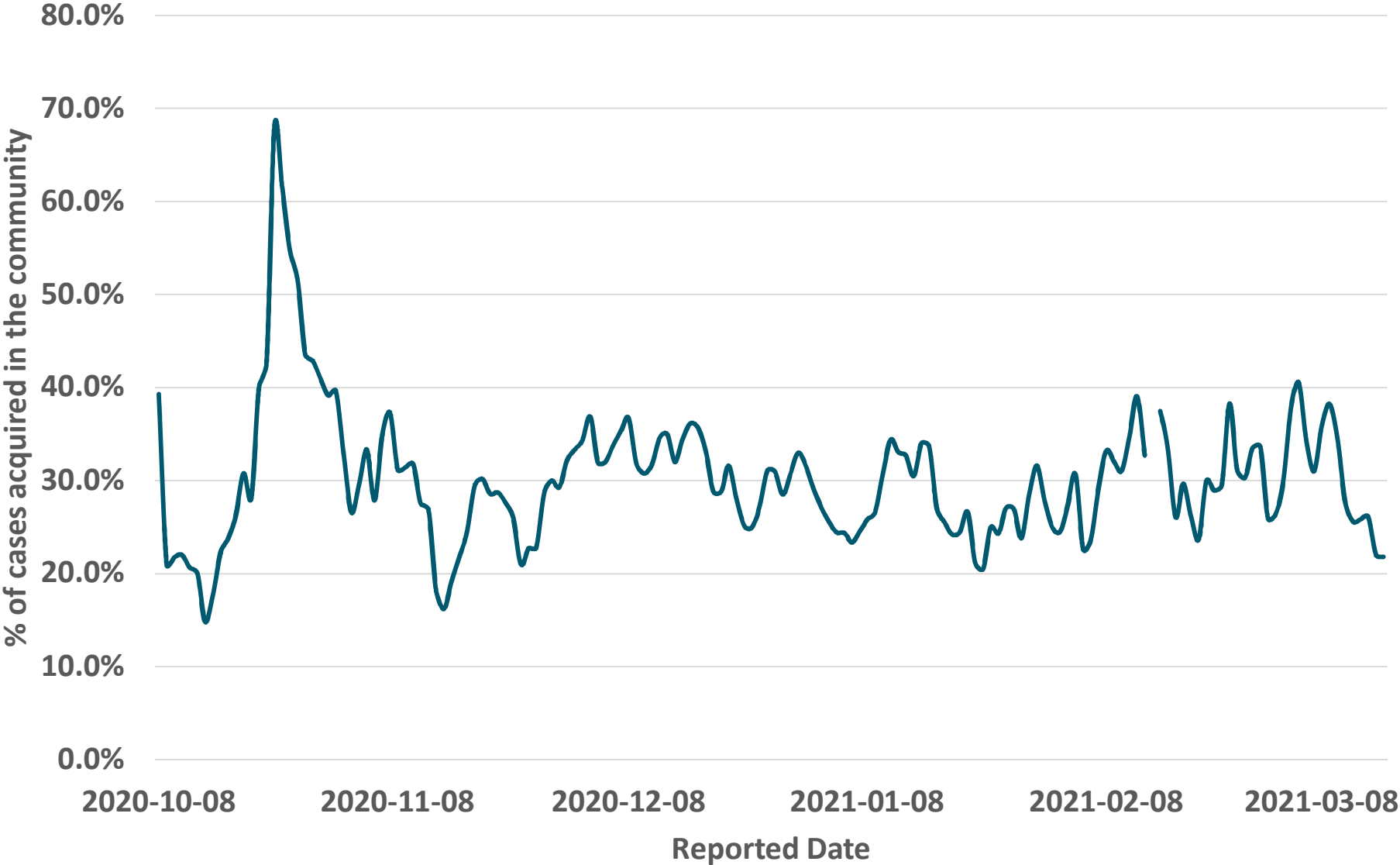


Age & Sex Distribution

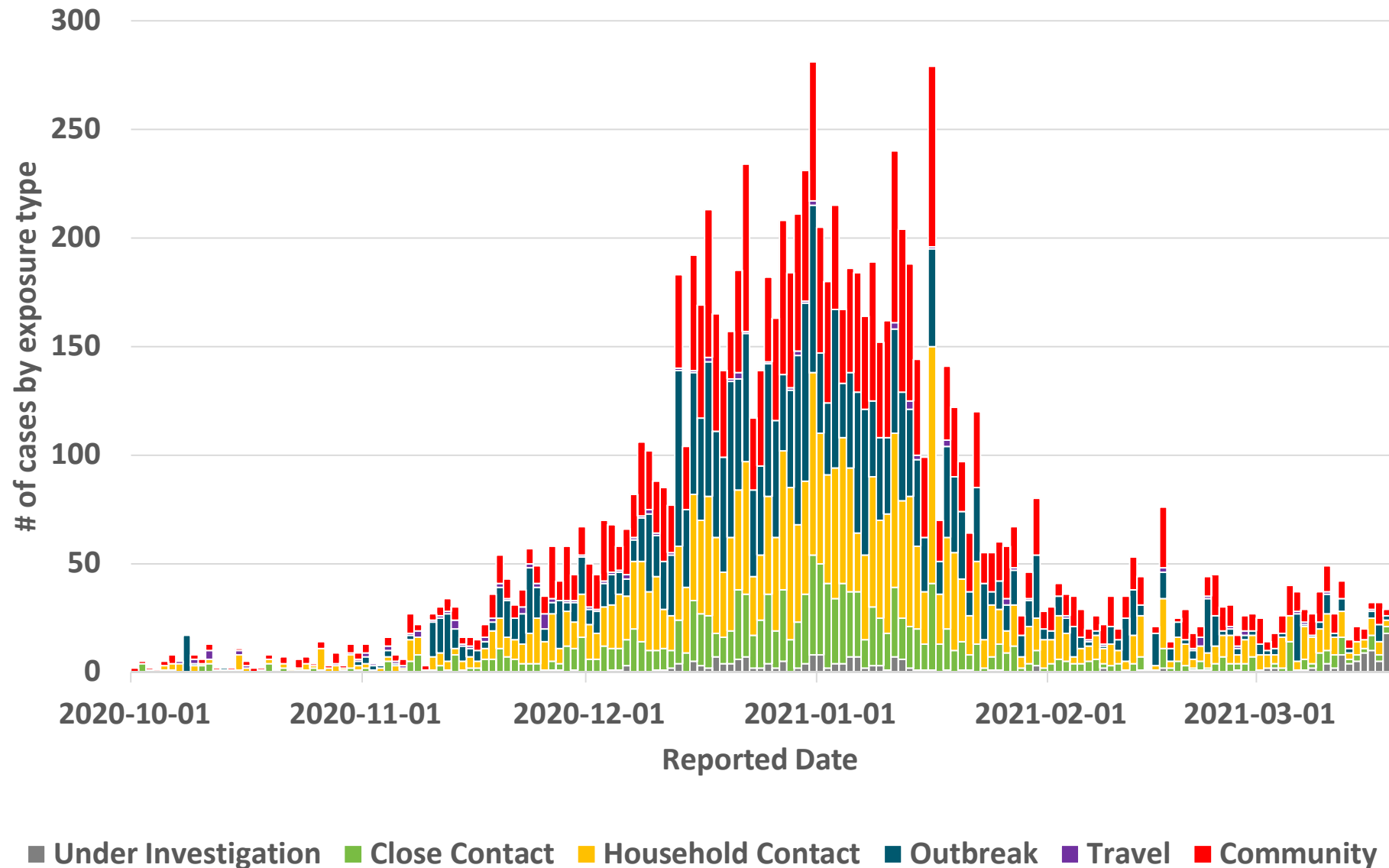


2021-03-19

Non-Epidemiologically Linked Cases (7-day average)

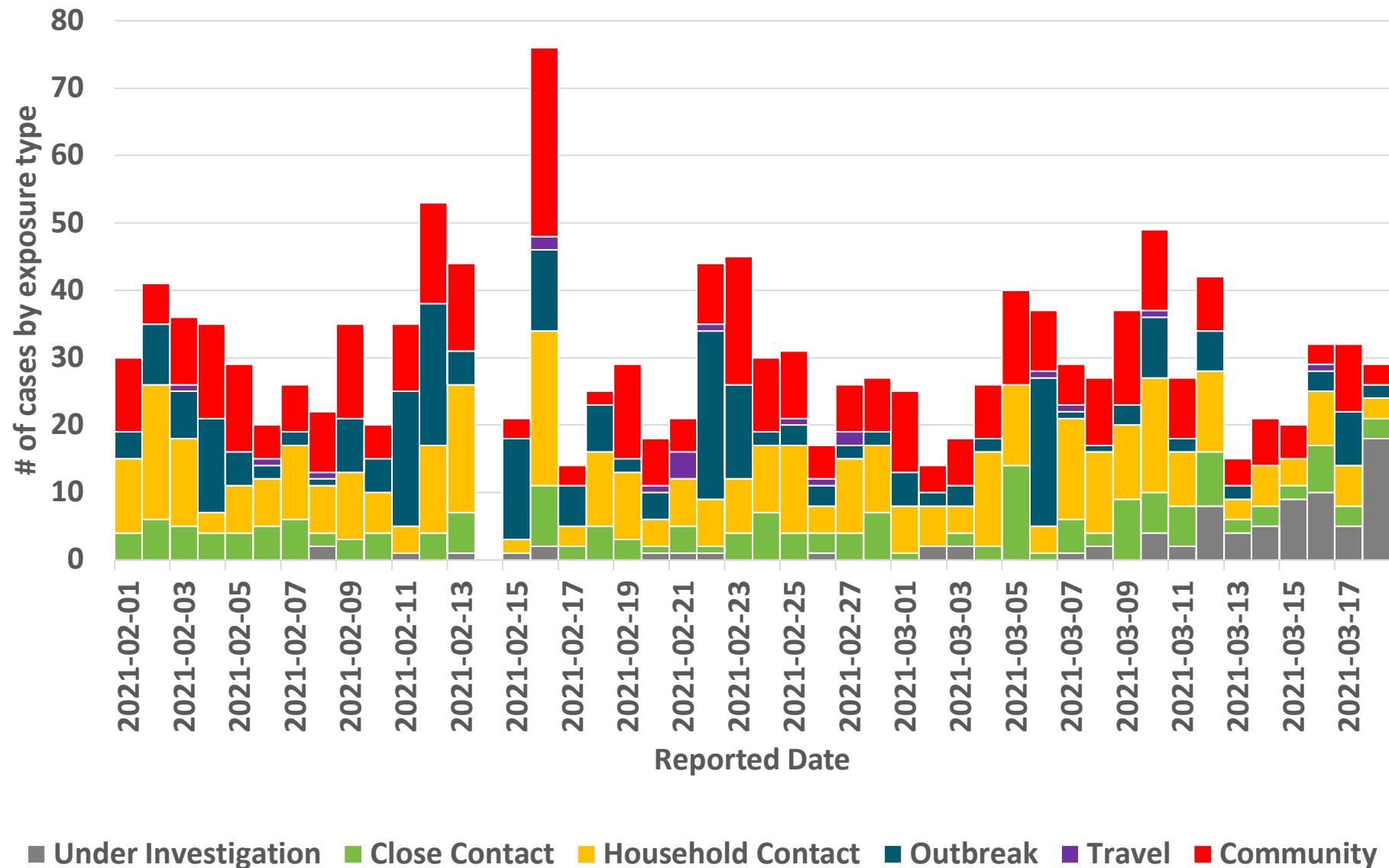


Exposure History by Reported Date (Oct to Present)



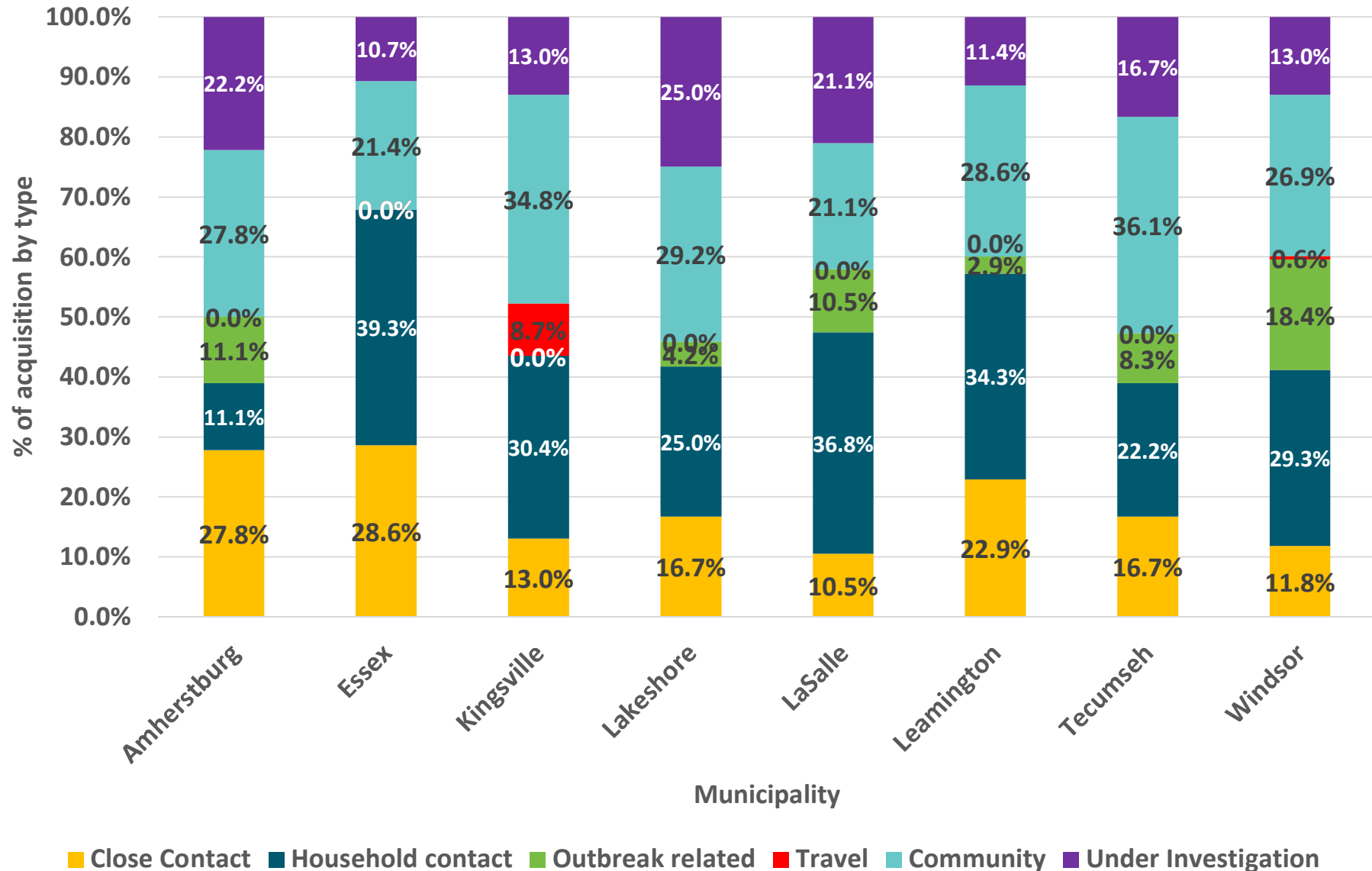
2021-03-19

Exposure History by Reported Date (Feb to Present)

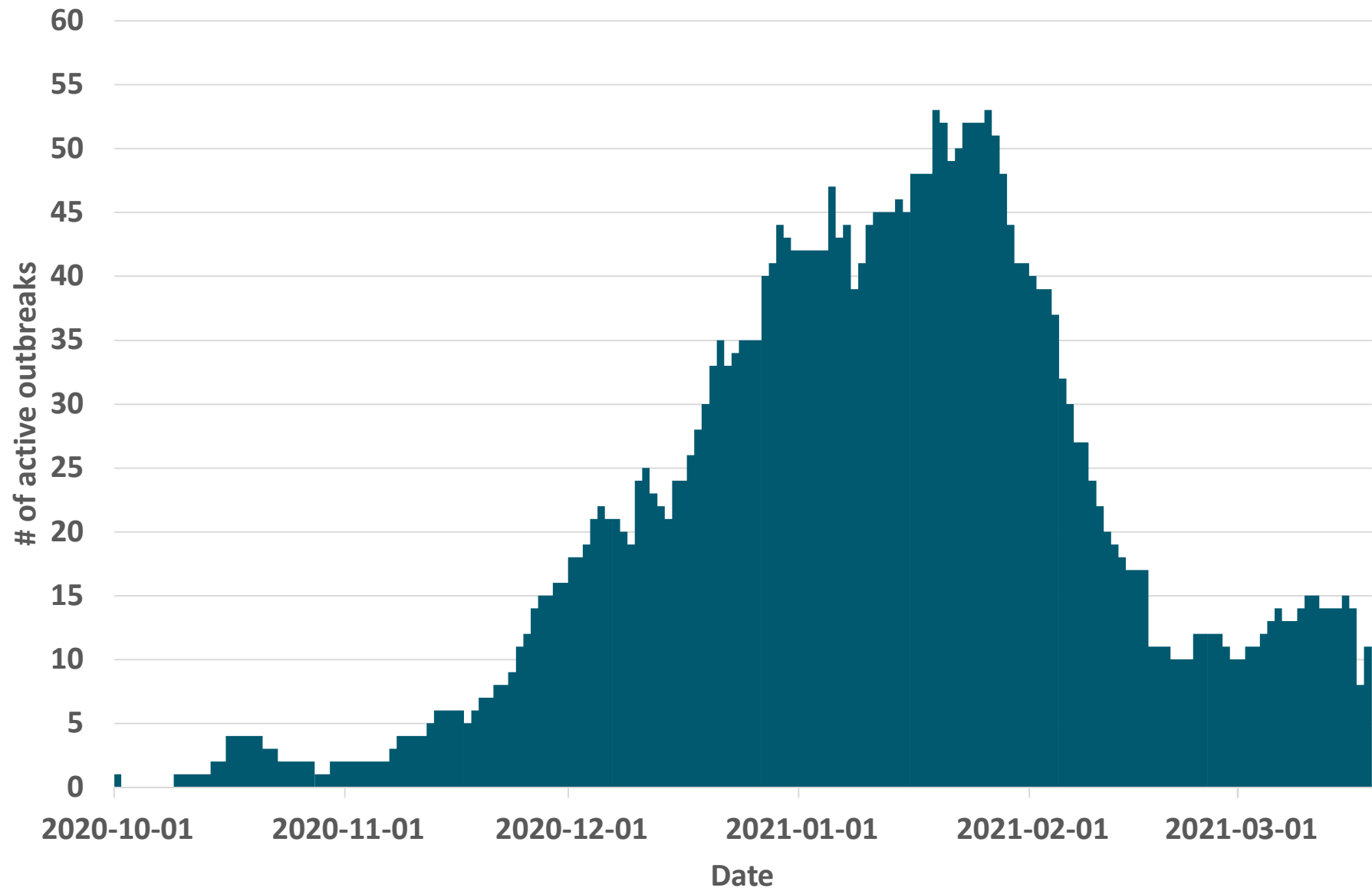


2021-03-19

Acquisition Source by Municipality (Mar to Present)

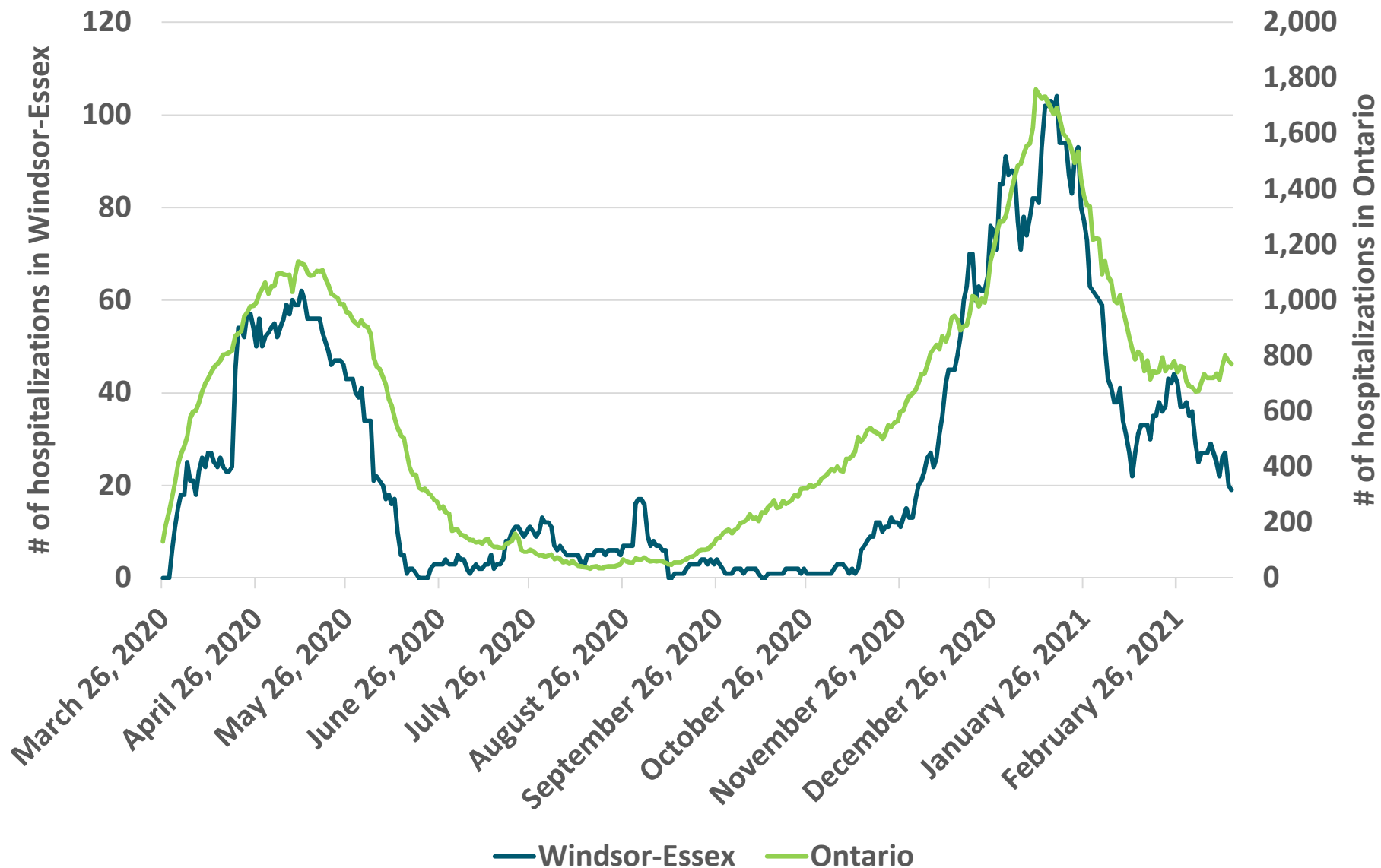


Active Outbreaks

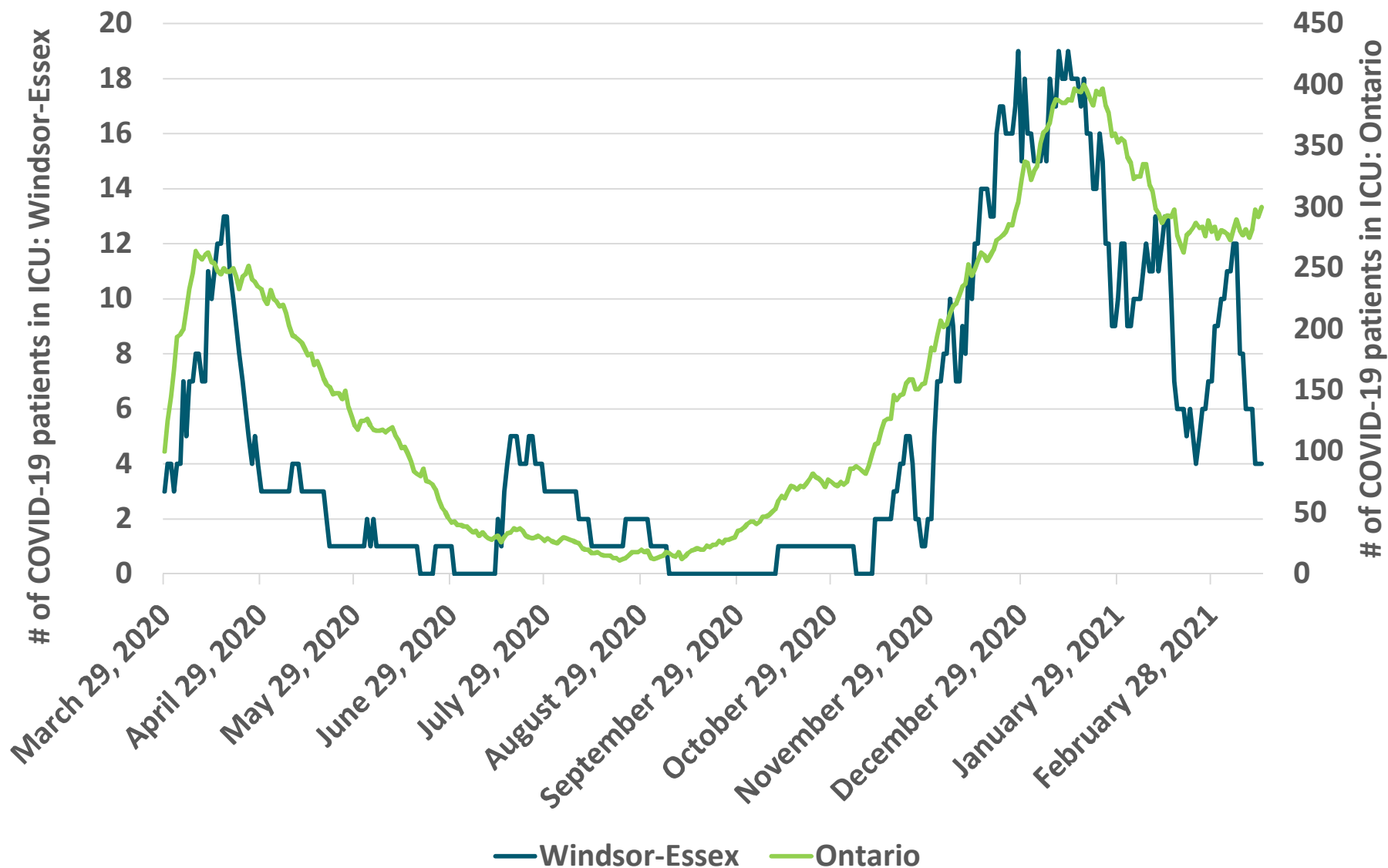


2021-03-19

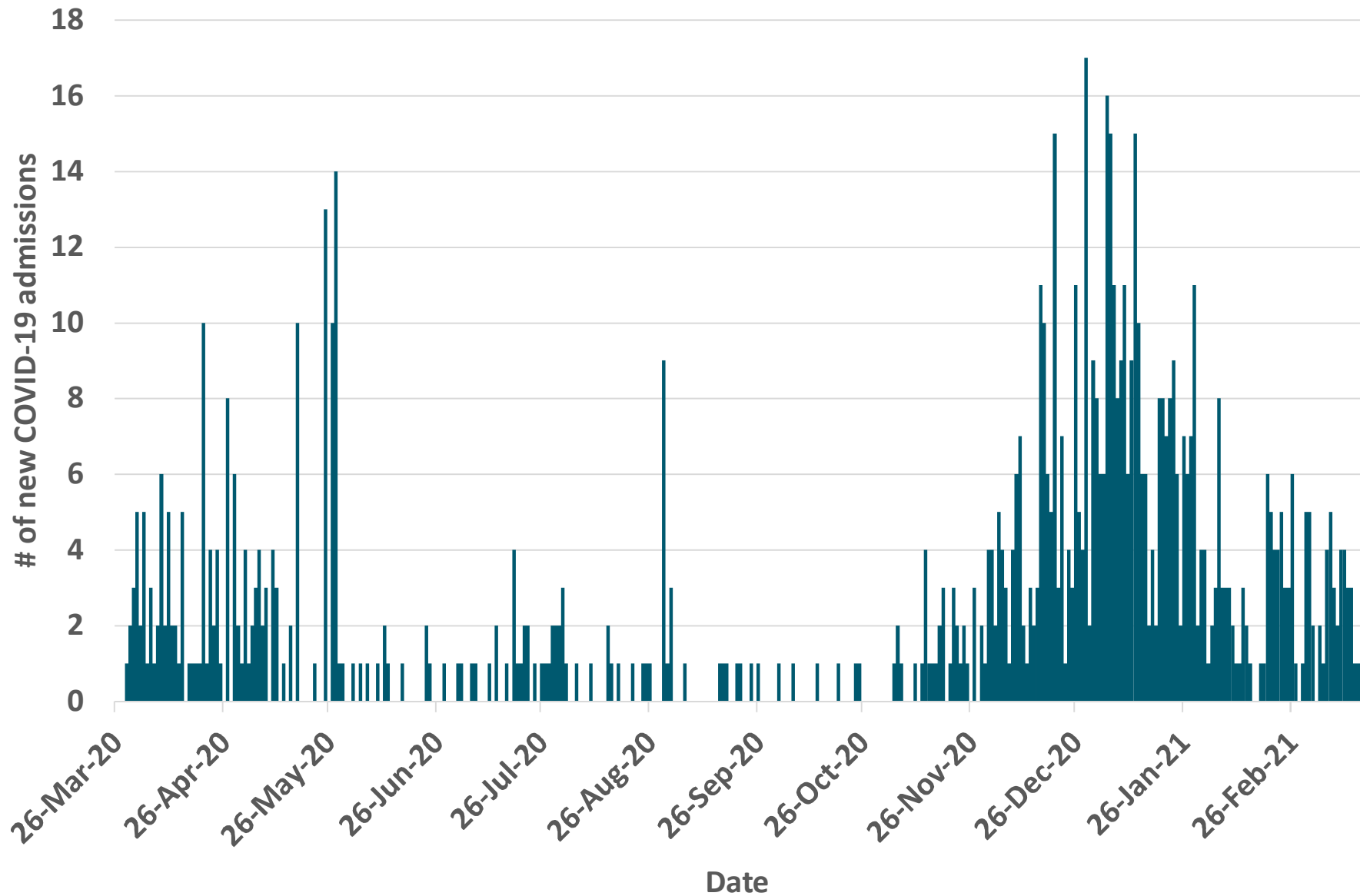
COVID-19 Hospitalizations



COVID-19 Cases in the ICU

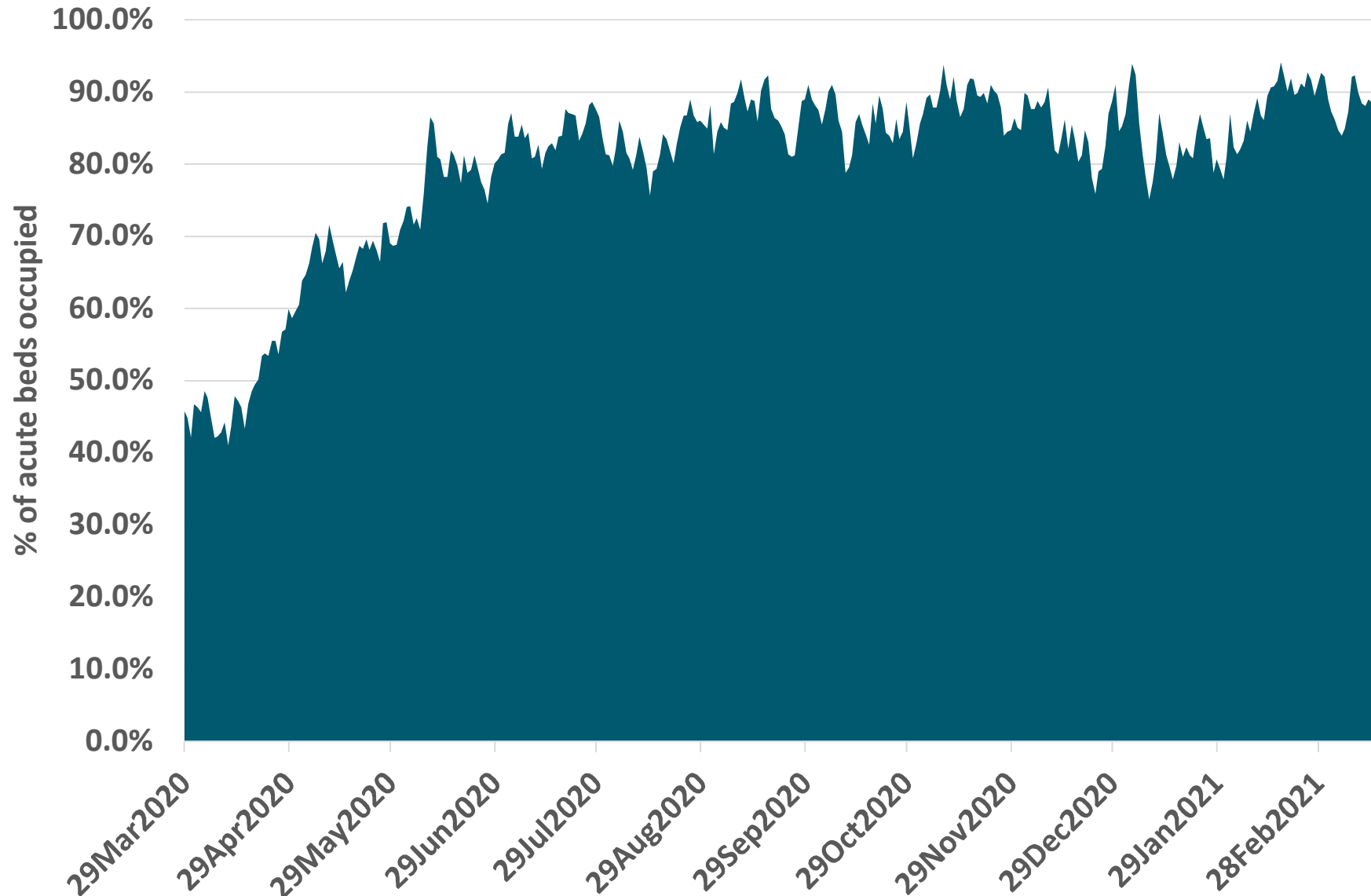


New COVID-19 Admissions By Day



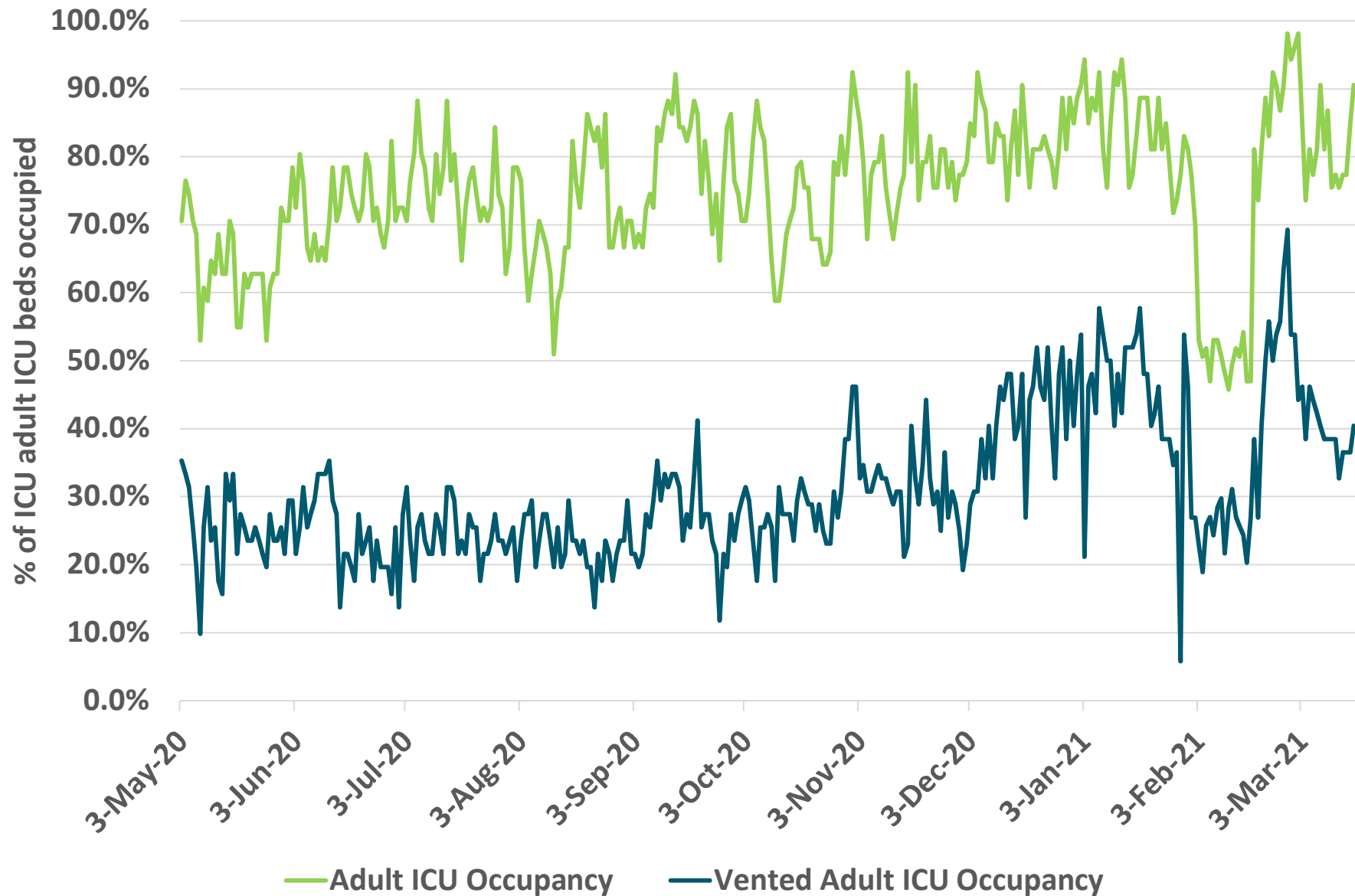
2021-03-19

Acute Inpatient Occupancy



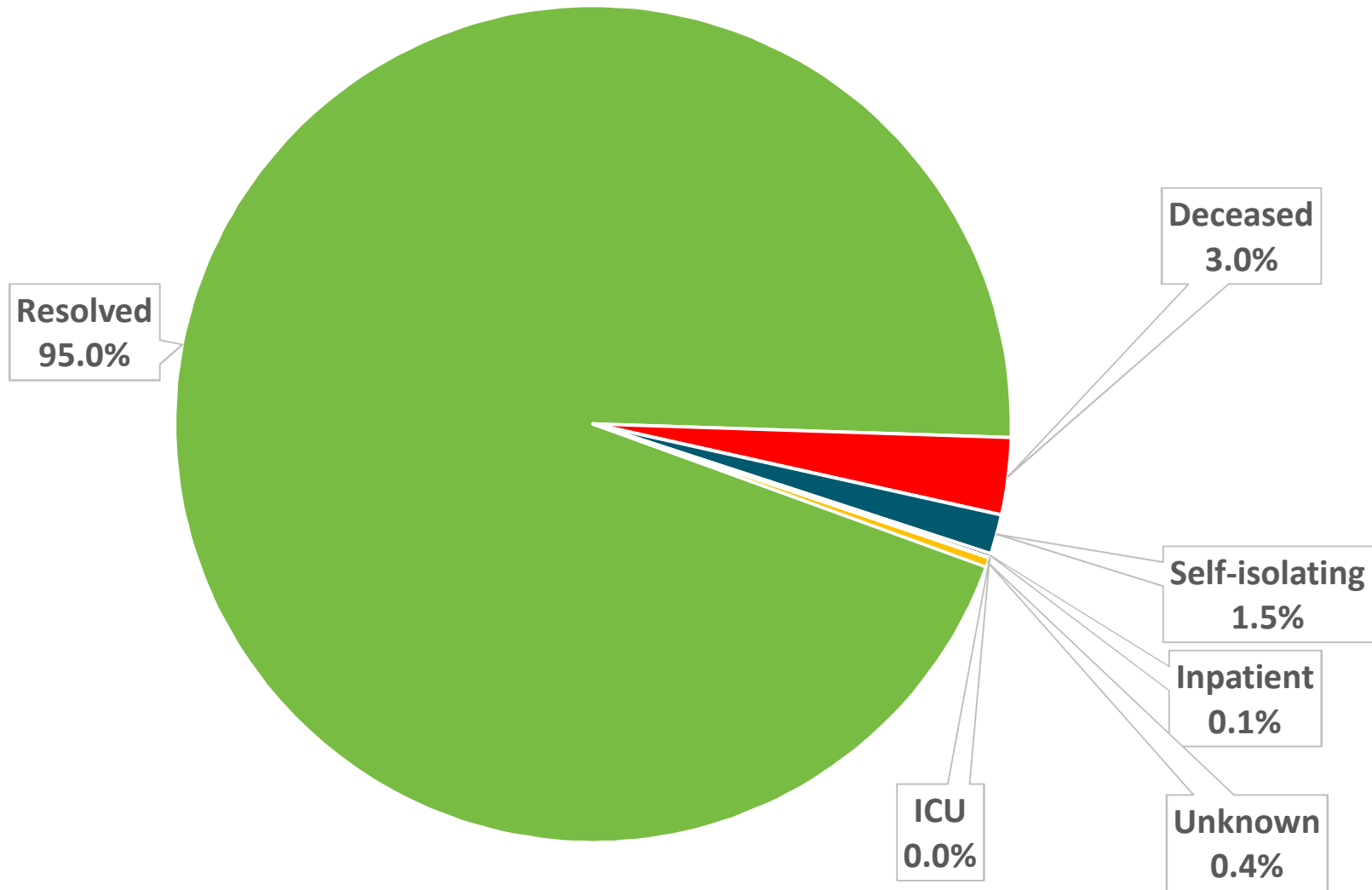
2021-03-19

ICU Occupancy

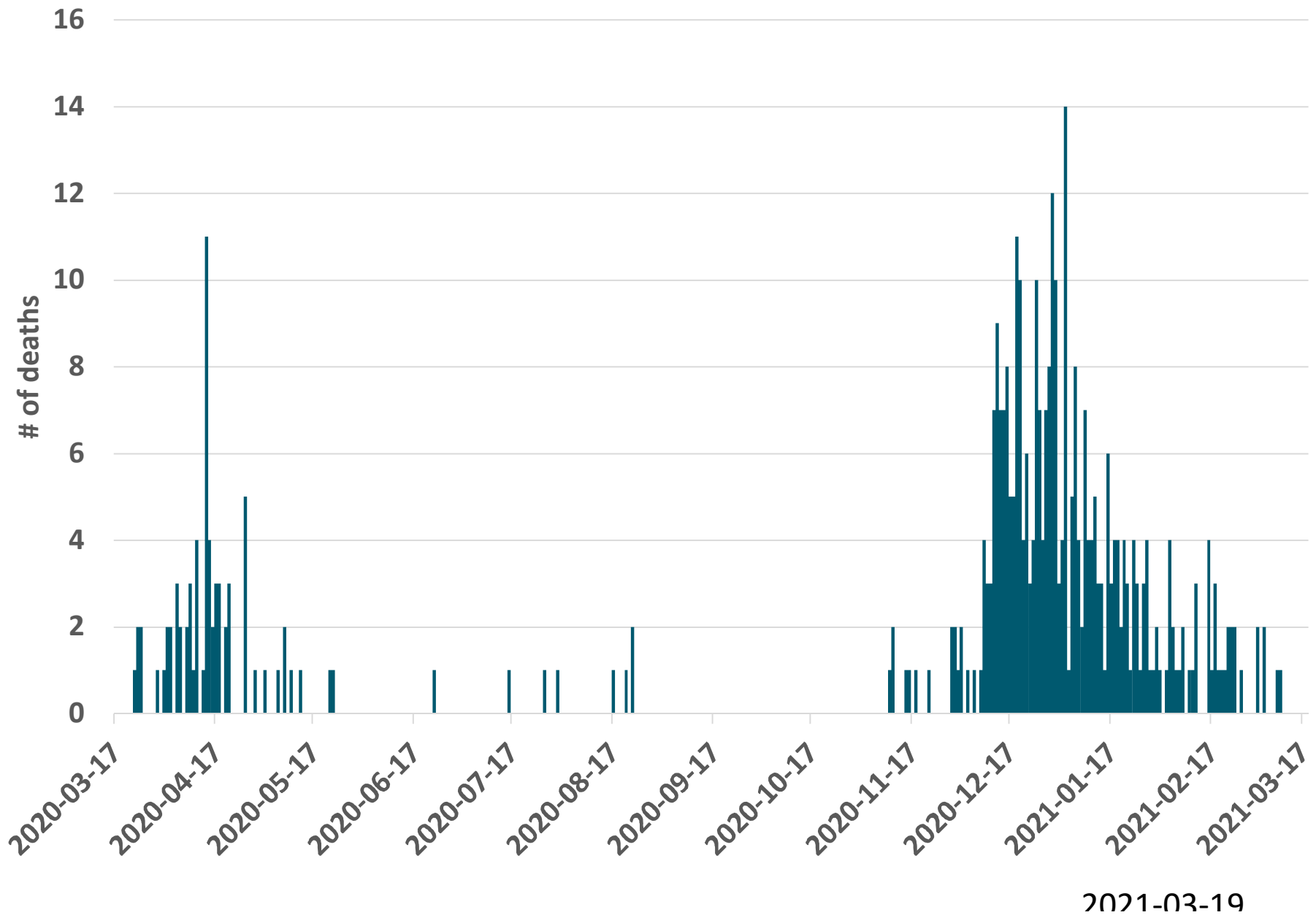


2021-03-19

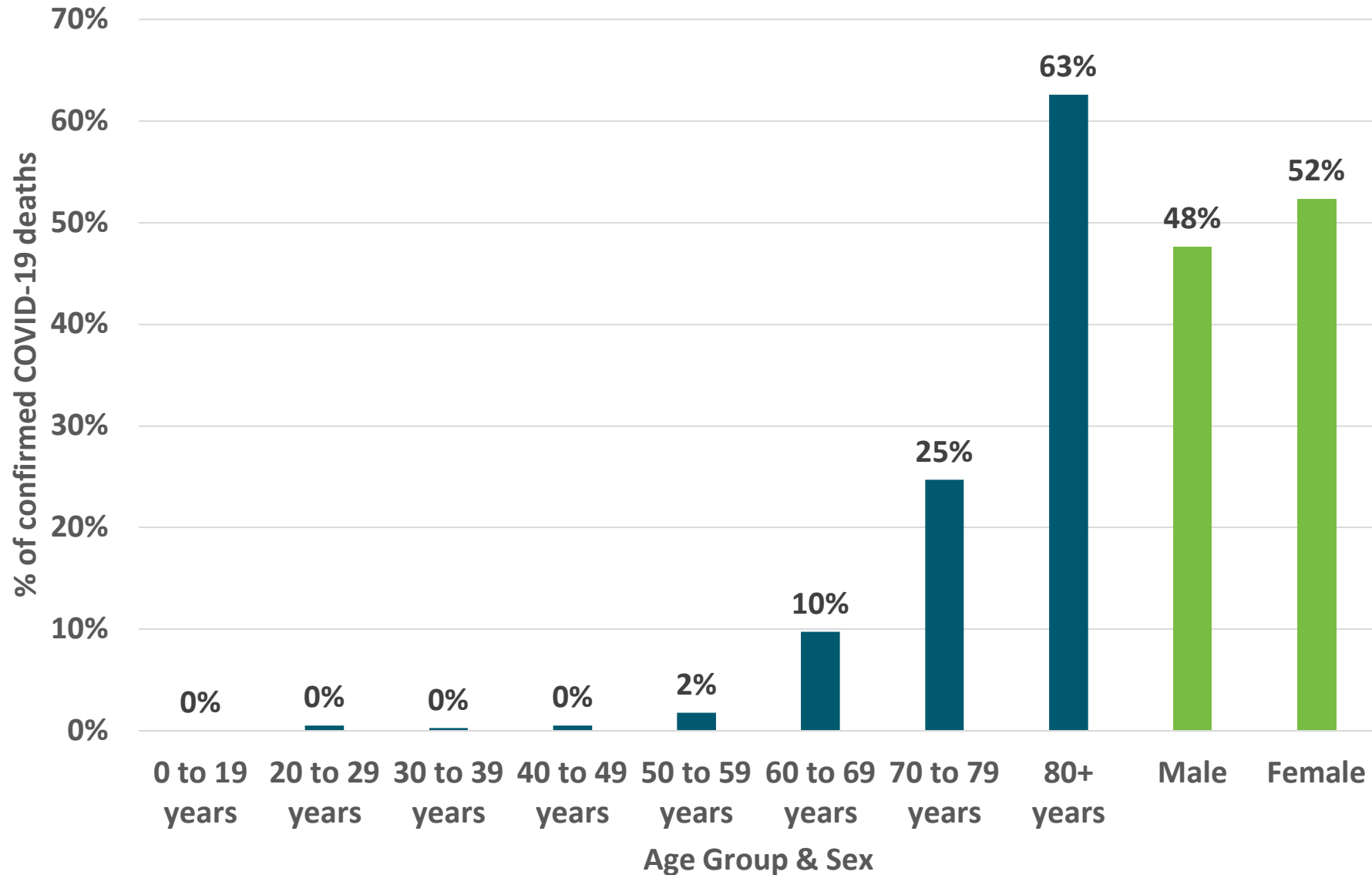
Current Outcomes



Date of Deaths

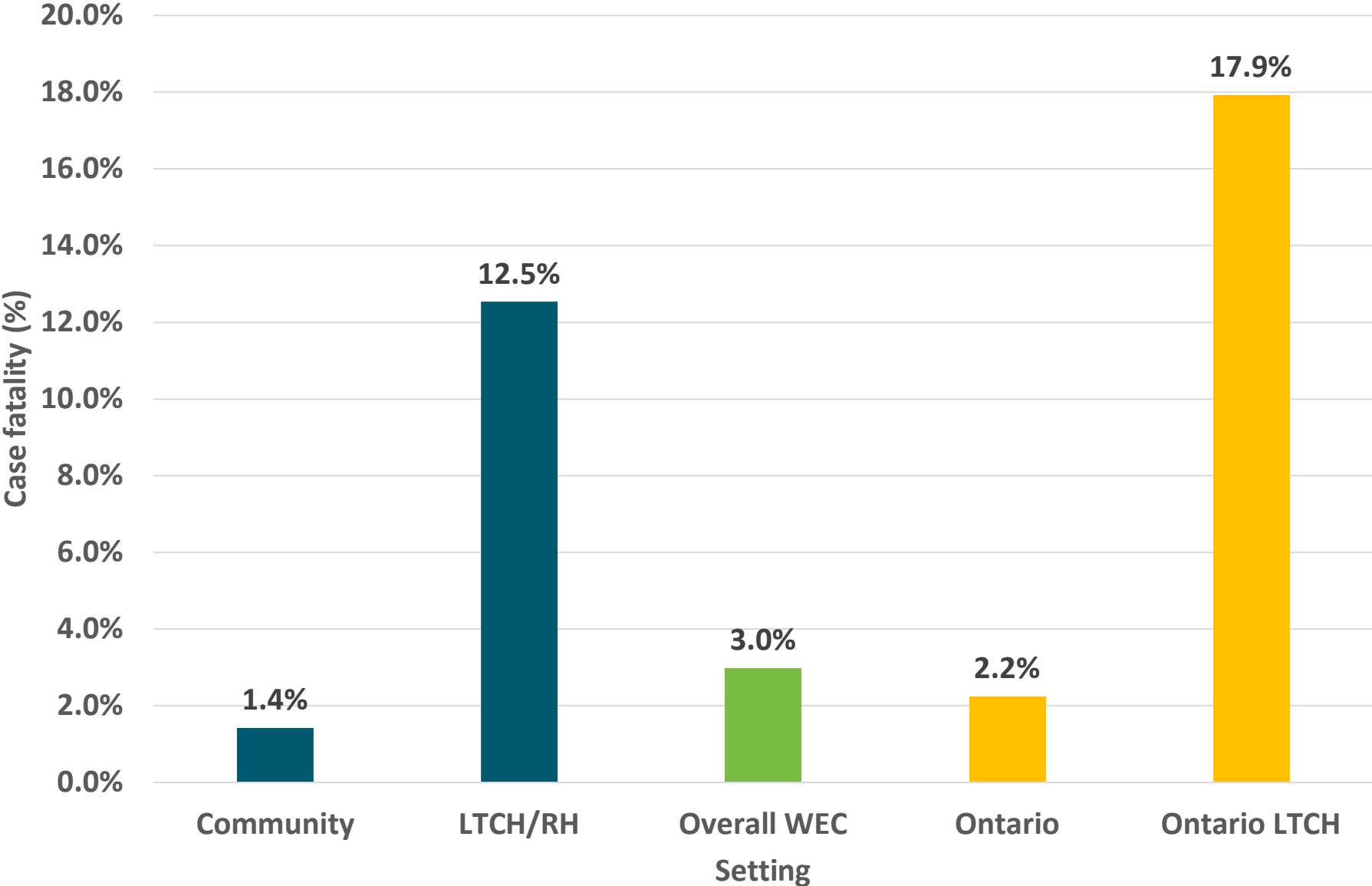


Age & Sex Breakdown of COVID-19 Deaths

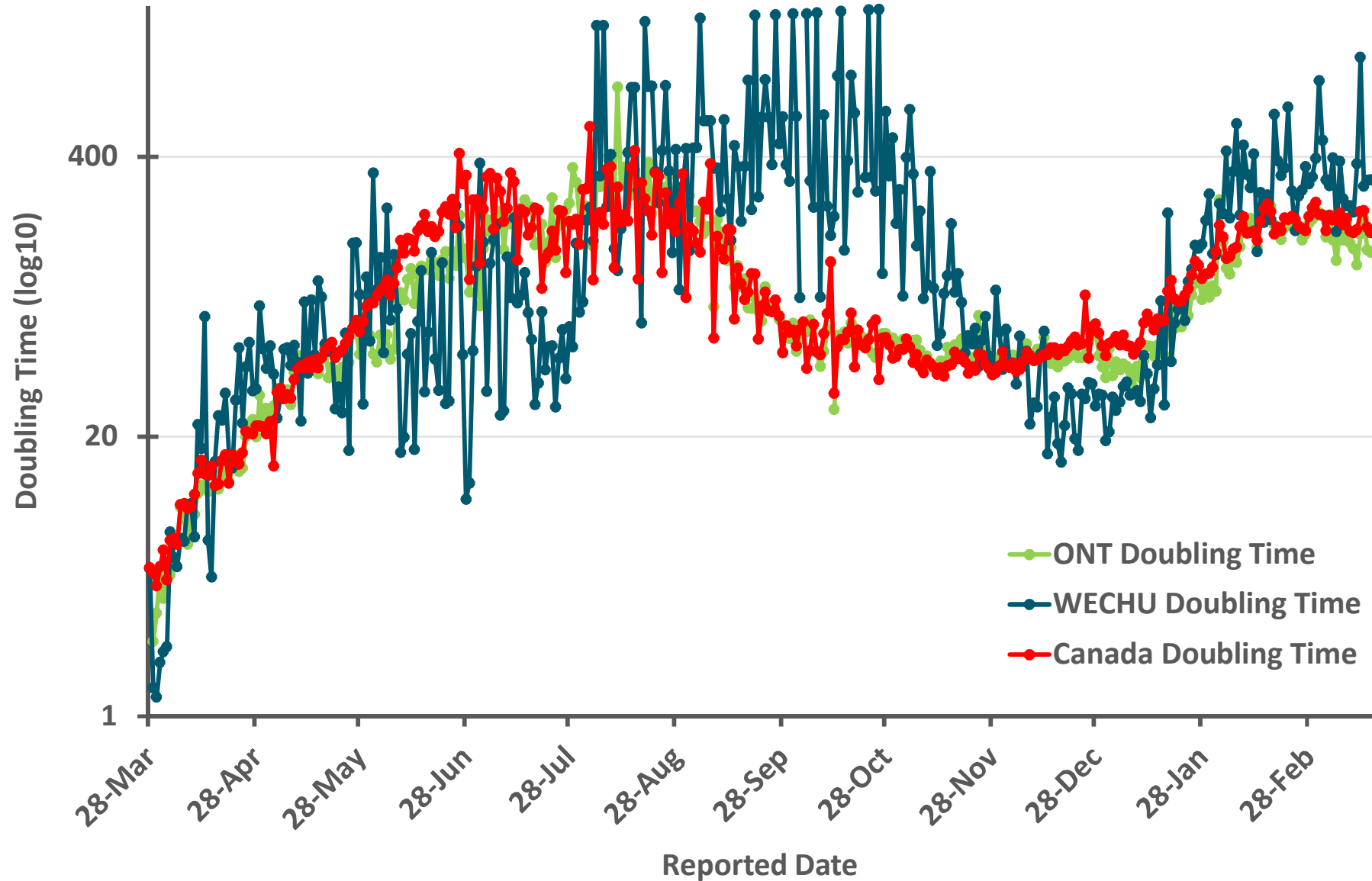


2021-03-19

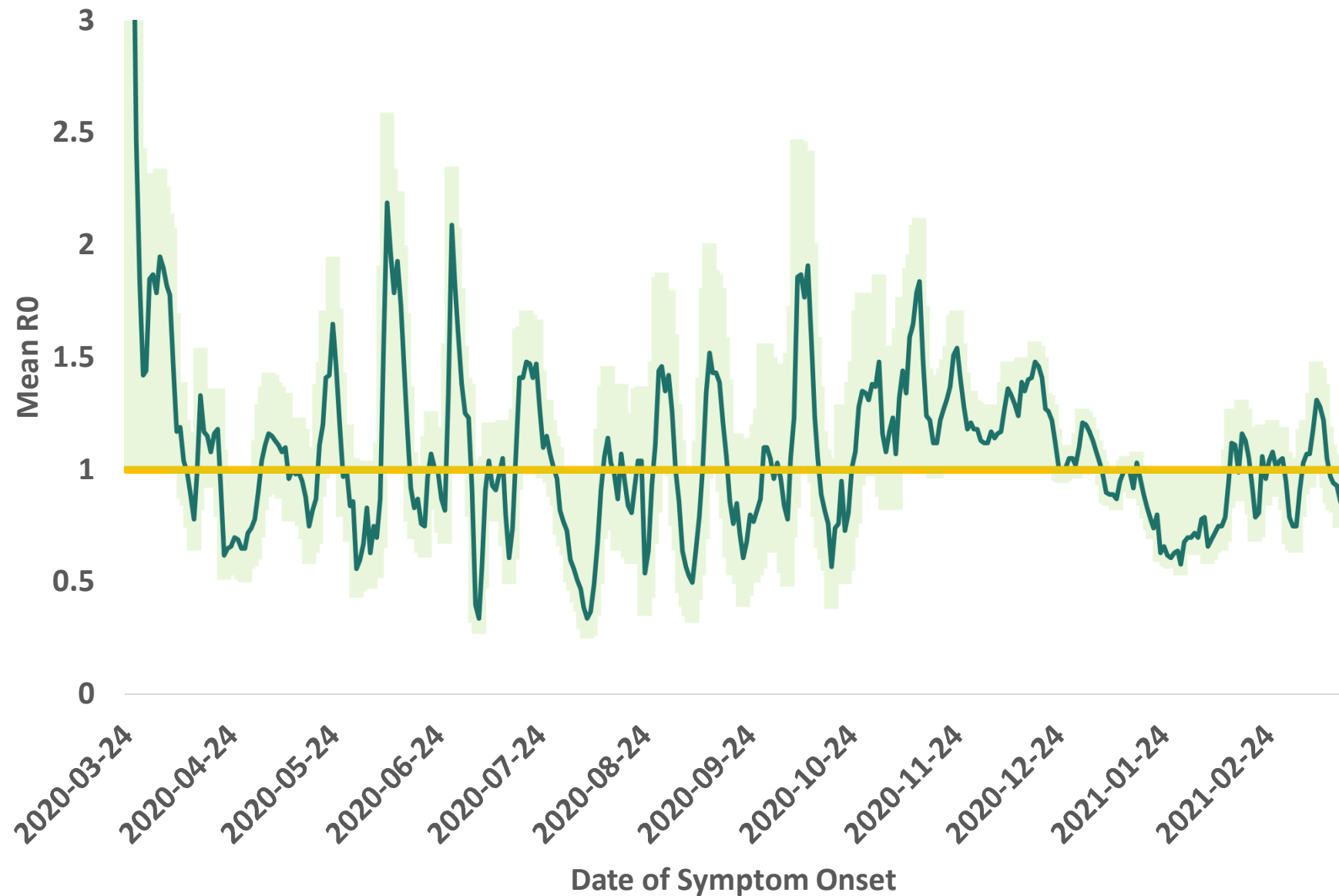
Case Fatality Rate



Doubling Time (Day over Day Comparison)



Median R0 (Effective)



2021-03-19

Summary

- The case rate in Windsor-Essex County was higher for the most completed week
- Acquisition source is distributed between close contacts and community transmission.
- COVID-19 related hospitalizations and ICU admissions have decreased
- The number of active outbreaks have decreased from last week
- Doubling time in Windsor-Essex has improved from last week

Summary of Monitoring Indicators for WEC

- Most recent completed weekly case rate = 50.1 cases/100,000 population
 - Most recent 7-day rate = **46.5 cases/100,000 population**
- Percent positivity = 2.8% (full week)
 - Most recent 7-days percent positivity = 2.7%
- R_o (effective) = 0.9
- *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