

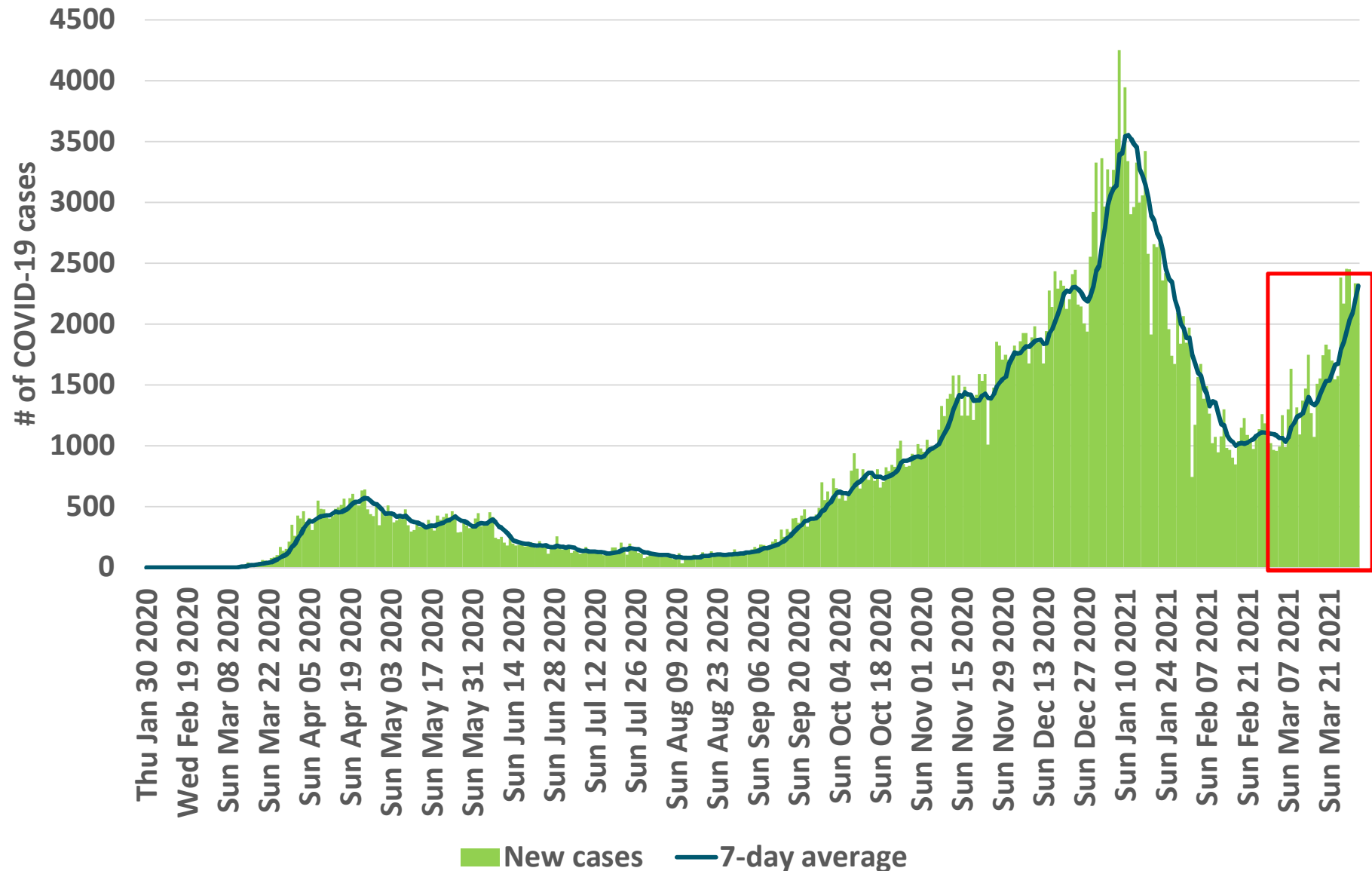


COVID-19 *LIVE UPDATE*

April 2, 2021

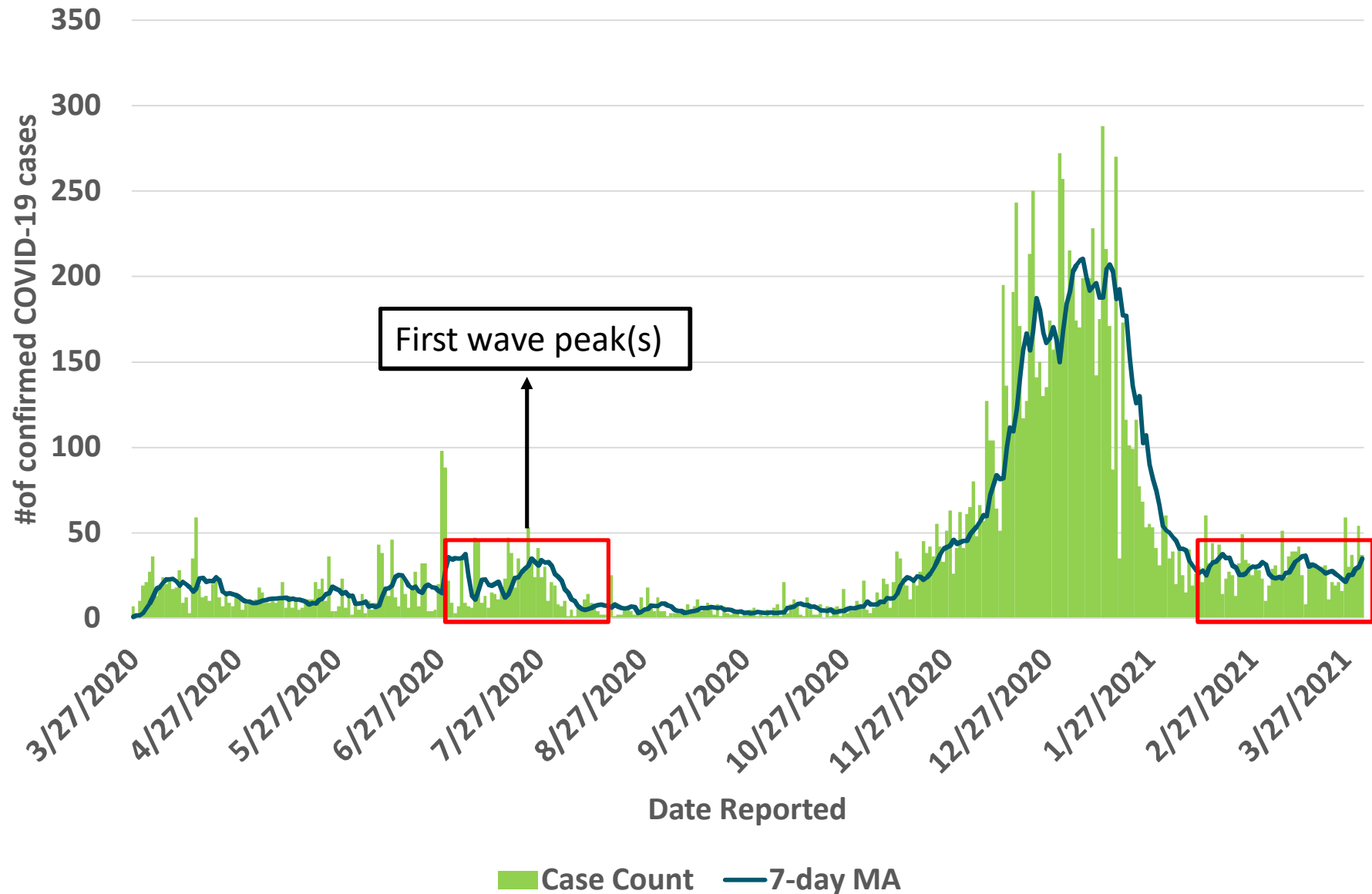
FOR UP-TO-DATE
CASE NUMBERS
VISIT
wechu.org

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



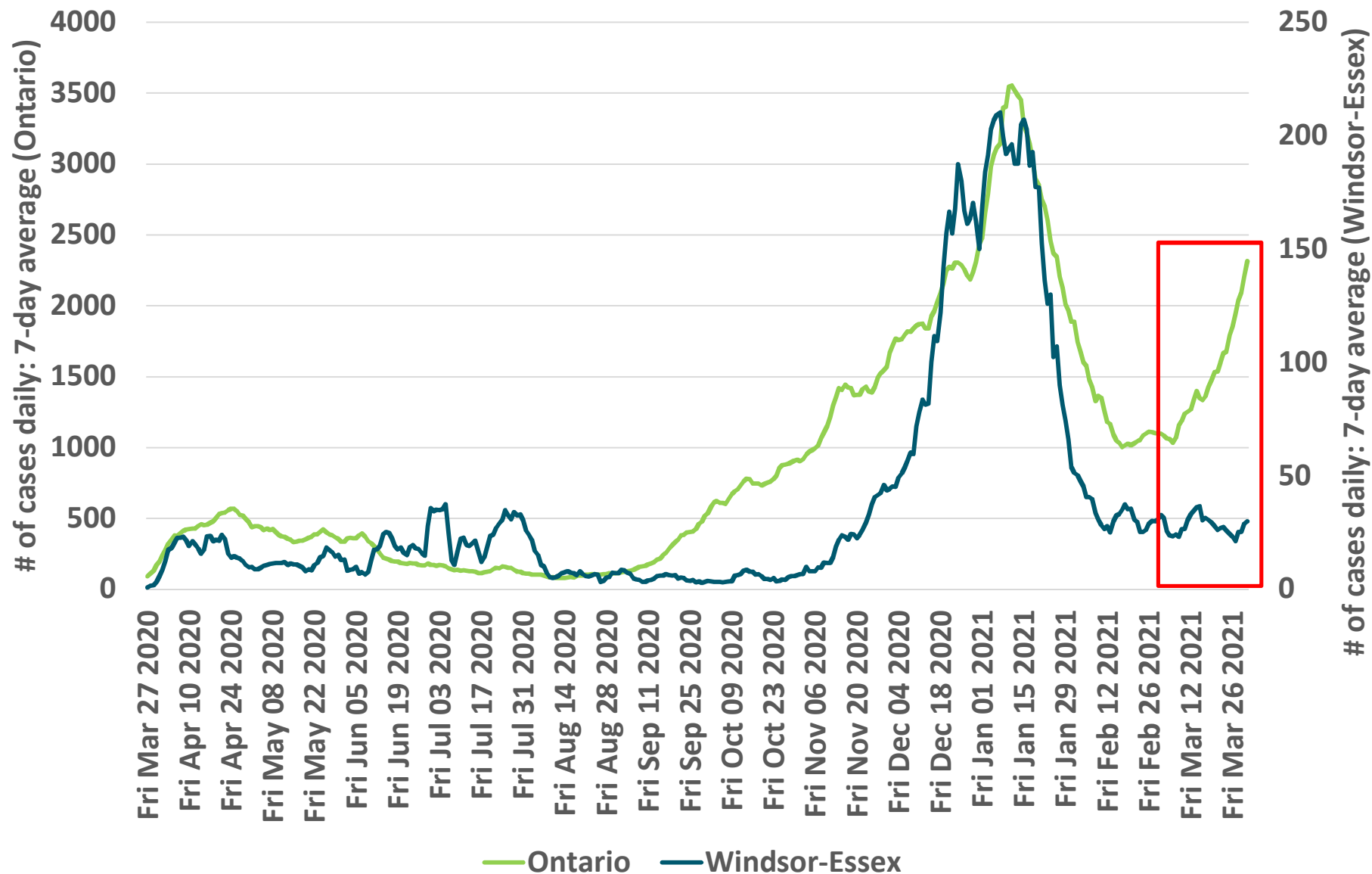
2021-04-03

Epidemic Curve by Reported Date in Windsor-Essex

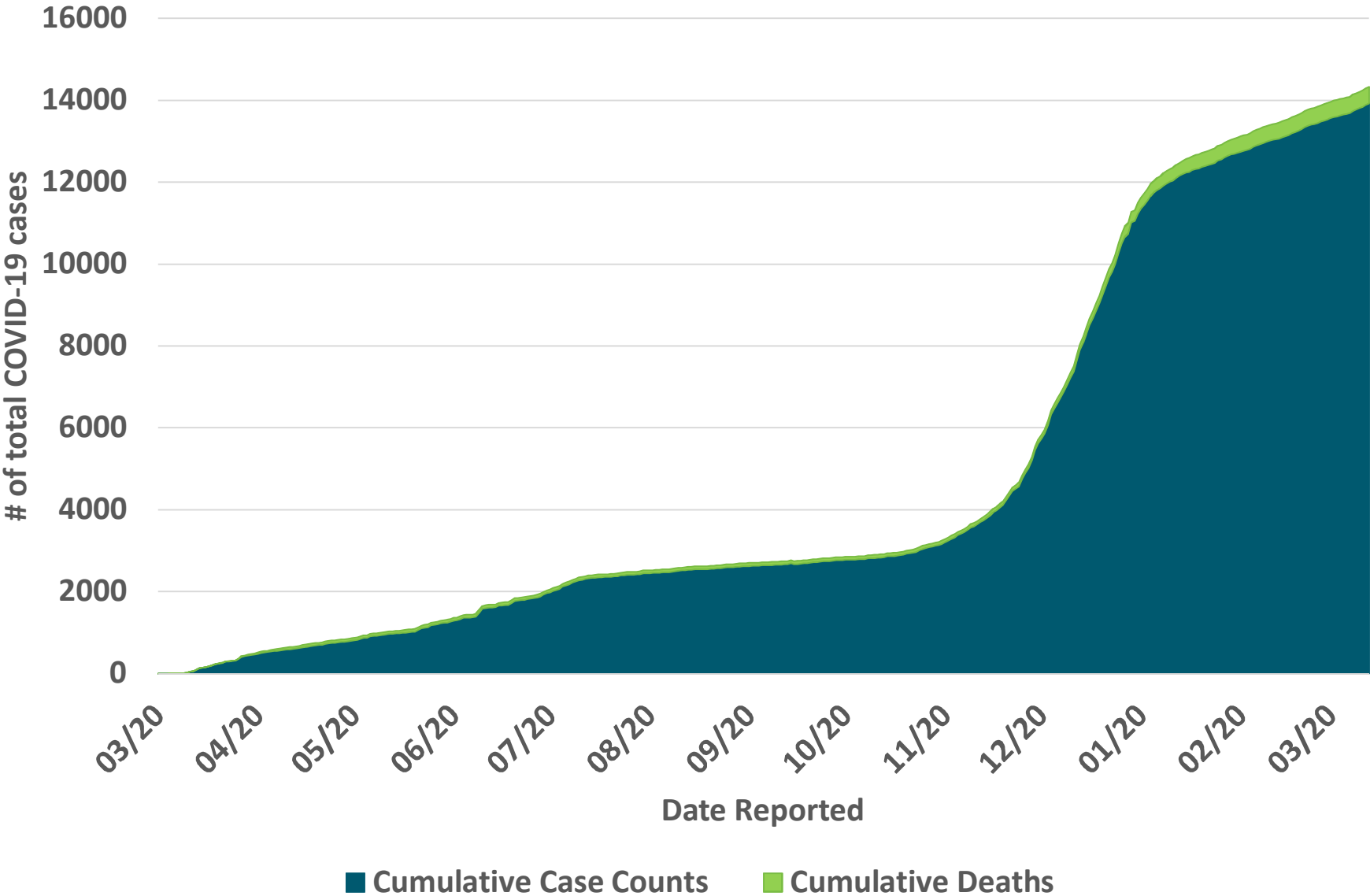


2021-04-03

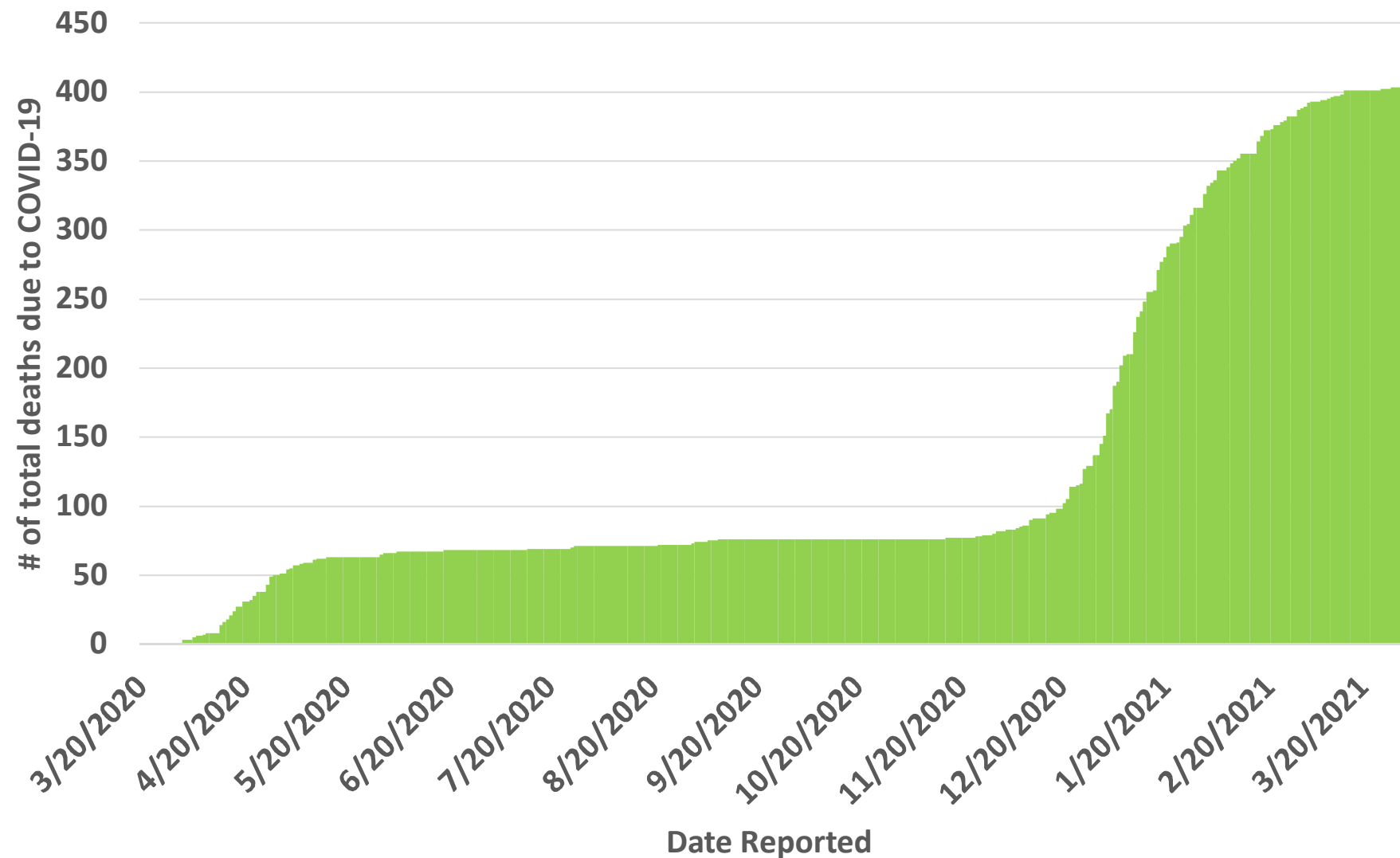
7-Day Average Comparison: Windsor-Essex vs. Ontario



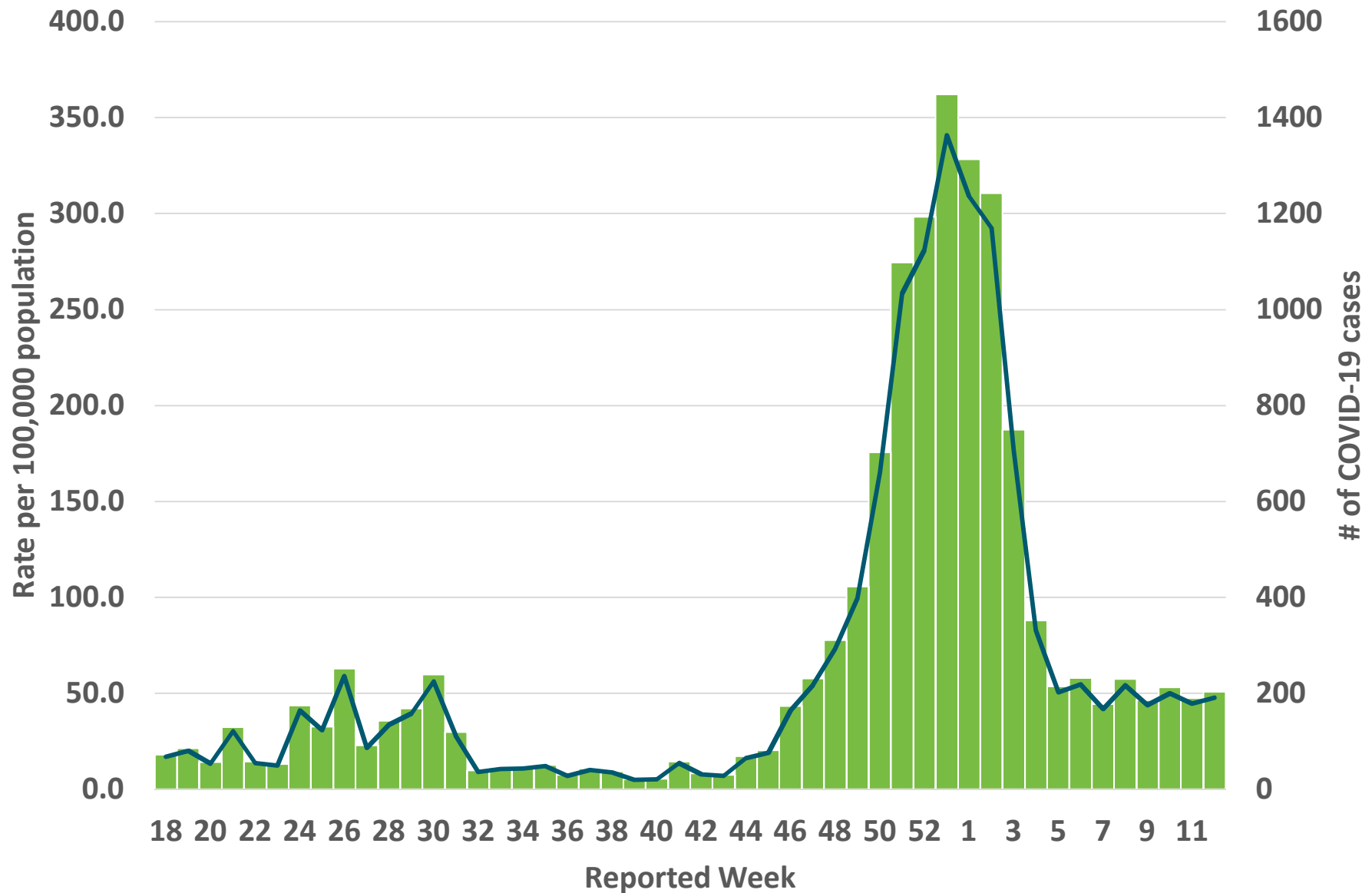
Cumulative Cases and Deaths of COVID-19 in WEC



Cumulative Deaths in Windsor-Essex

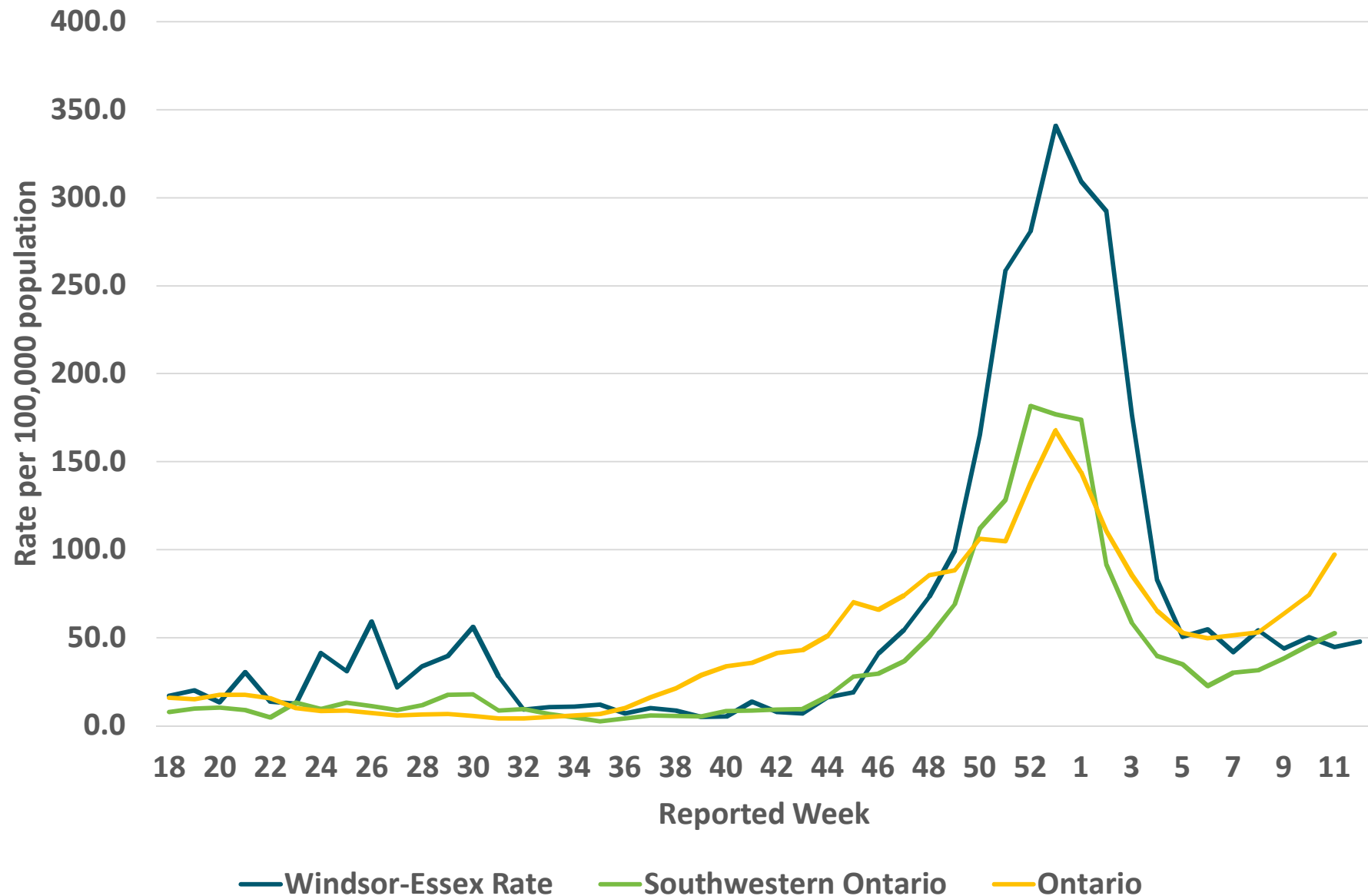


Windsor-Essex Rate by Reported Week



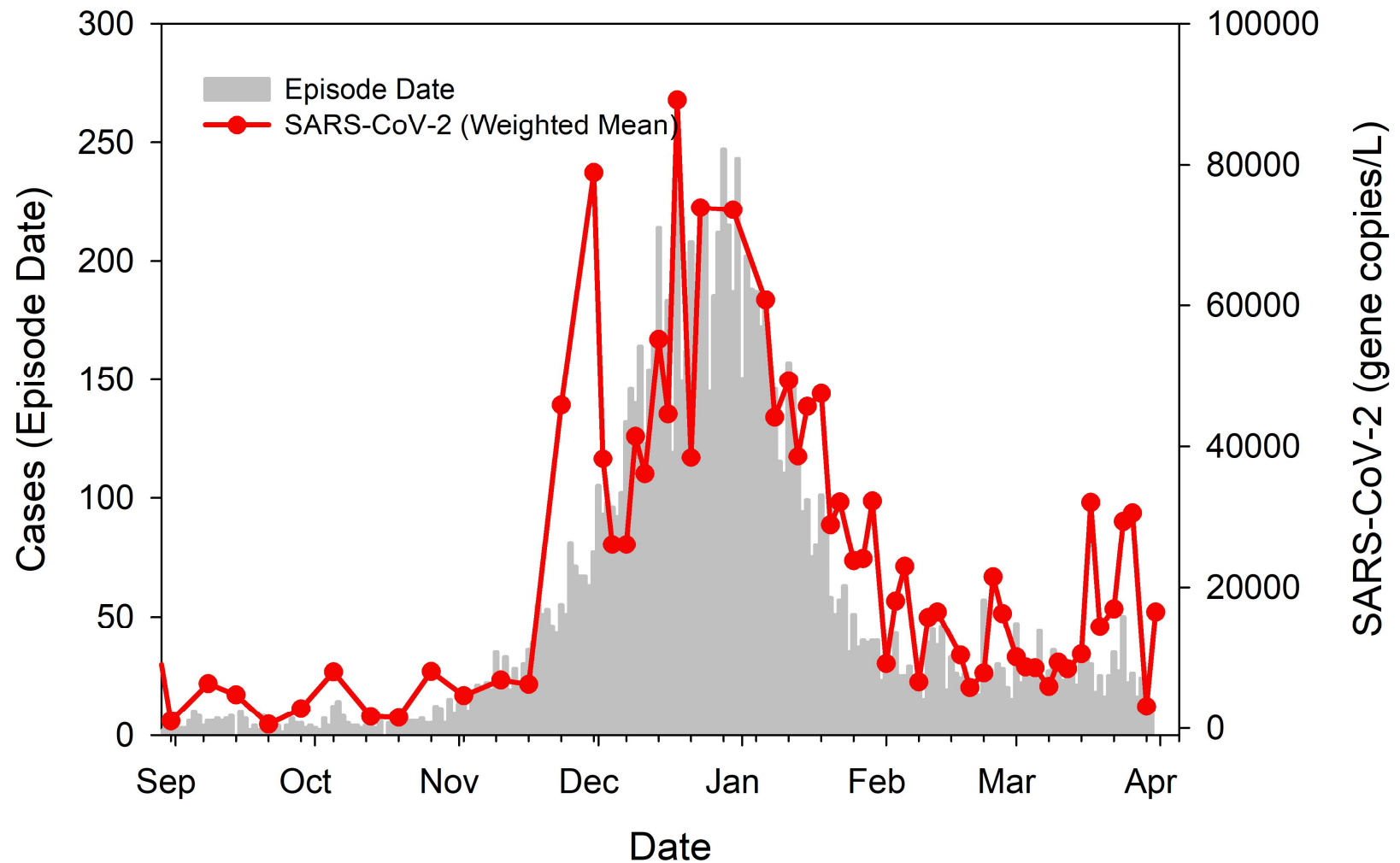
2021-04-03

Weekly COVID-19 Rate



2021-04-03

Windsor-Essex Wastewater Data



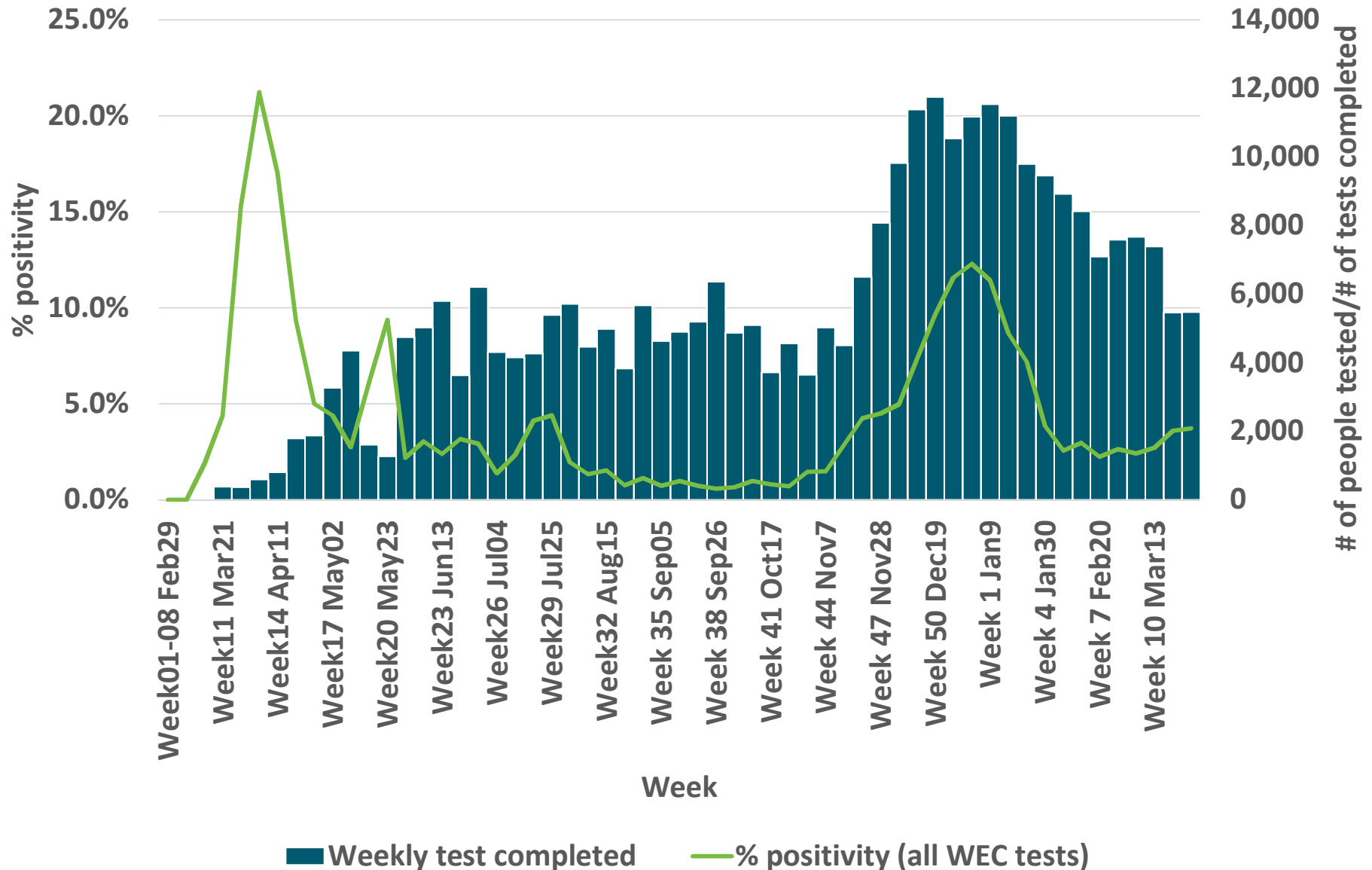
GLIER
GREAT LAKES INSTITUTE FOR
ENVIRONMENTAL RESEARCH
at the University of Windsor



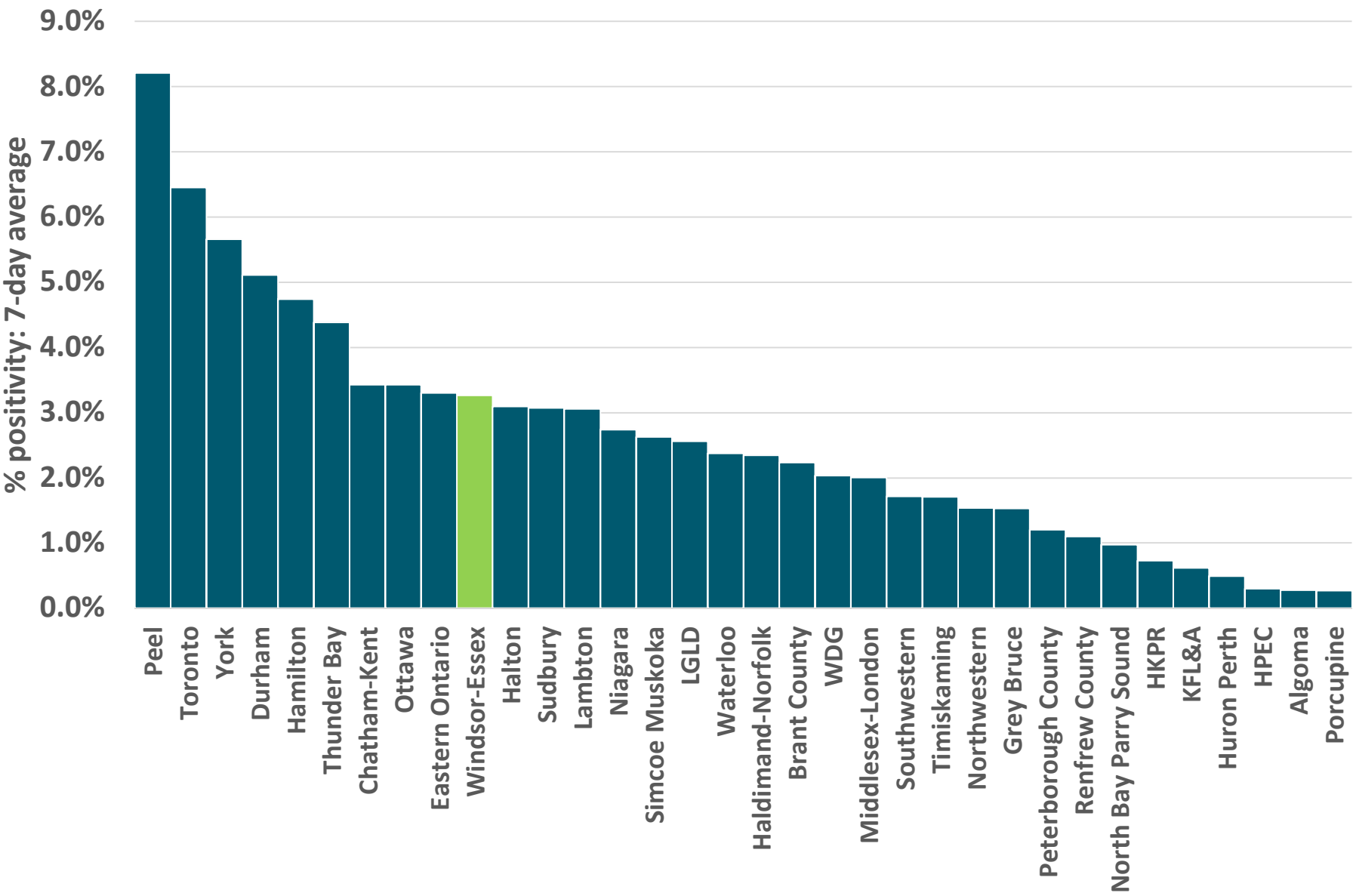
University
of Windsor

uwindsor.ca/GLIER

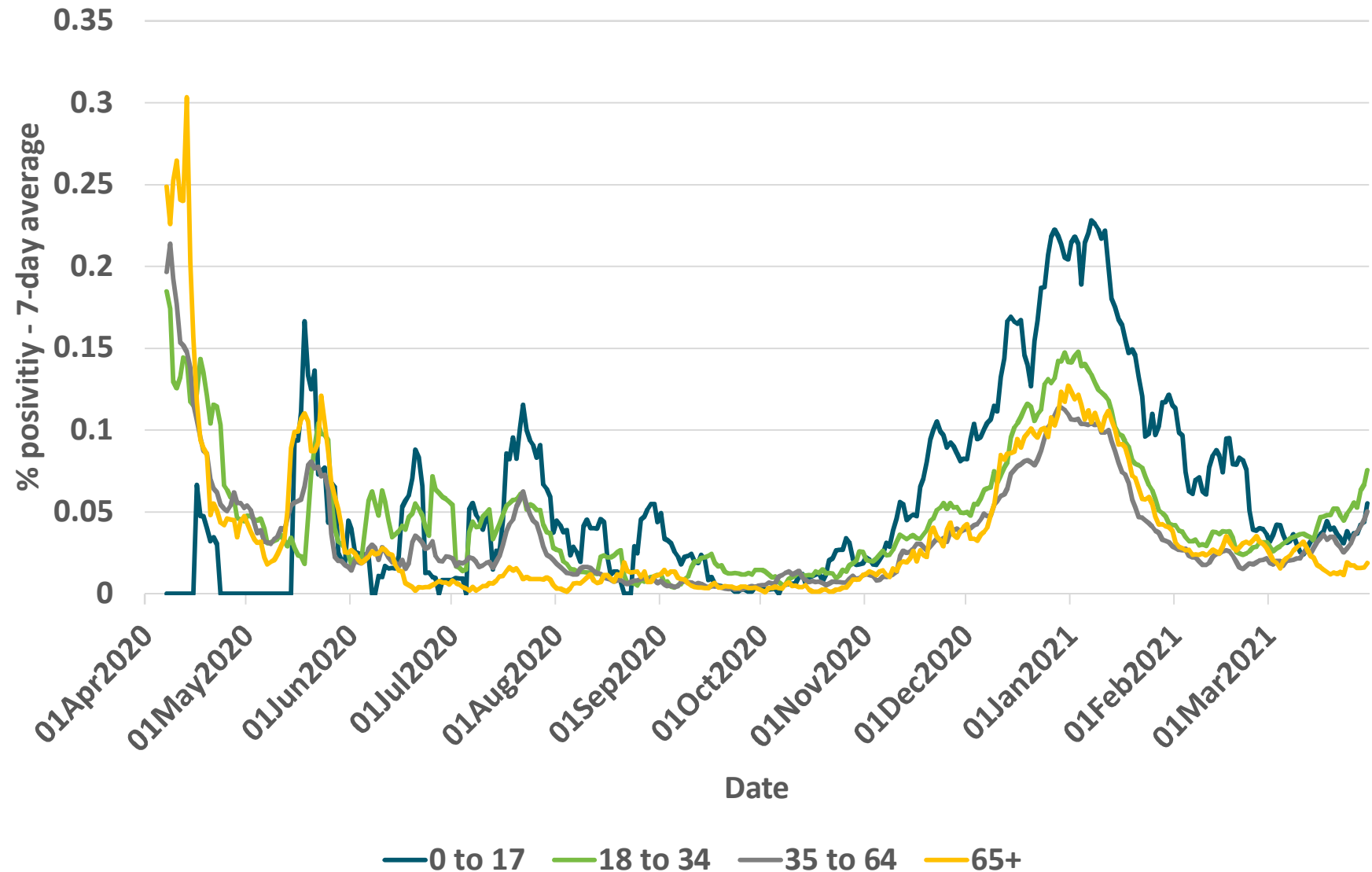
Percent Positivity by Week by All Tests



% Positivity in Ontario: 7-Day Average



Percent Positivity by Age Group



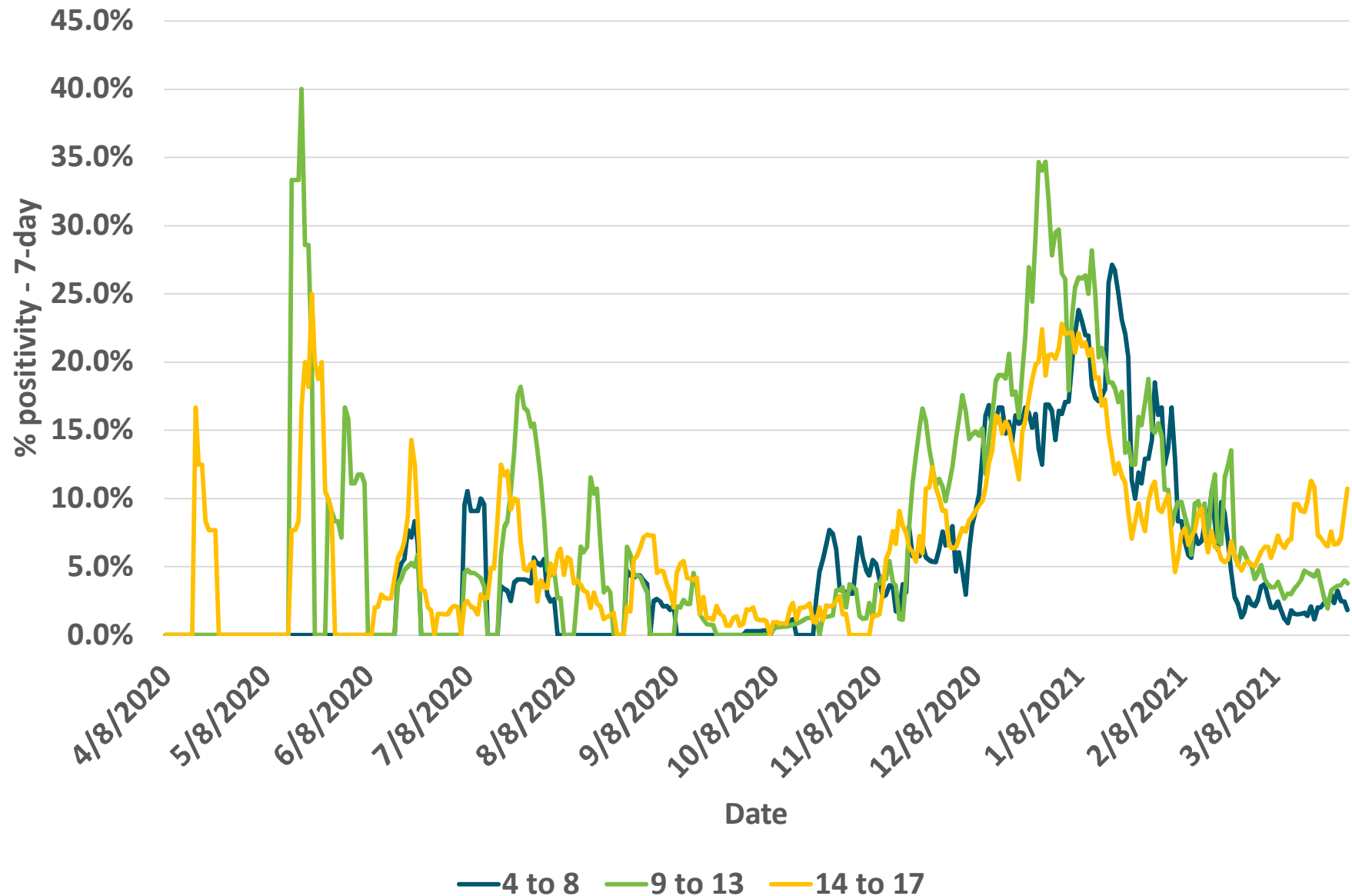
2021-04-03

Percent Positivity by Age Group (Jan-Mar)



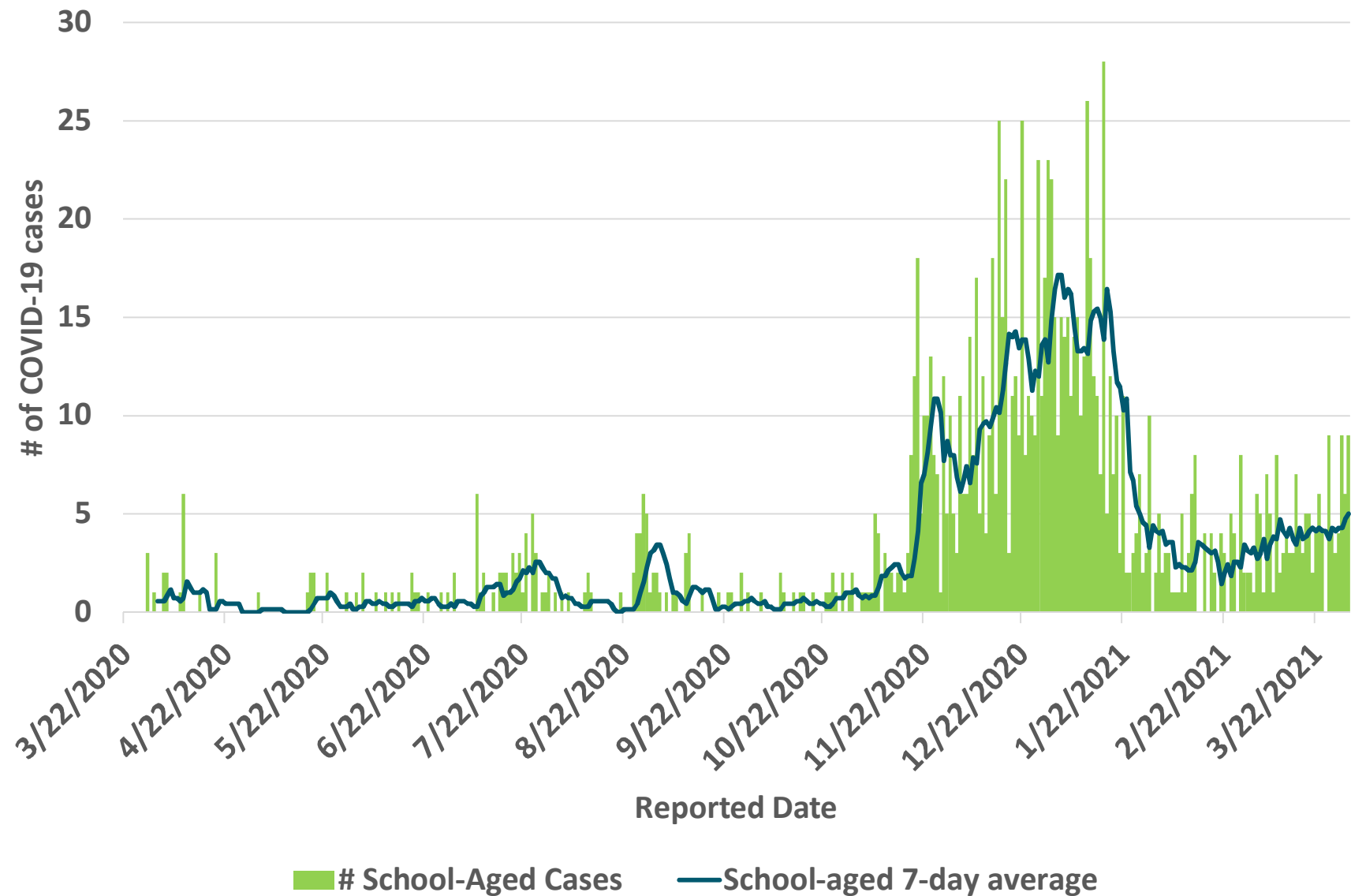
2021-04-03

Percent Positivity by School Aged

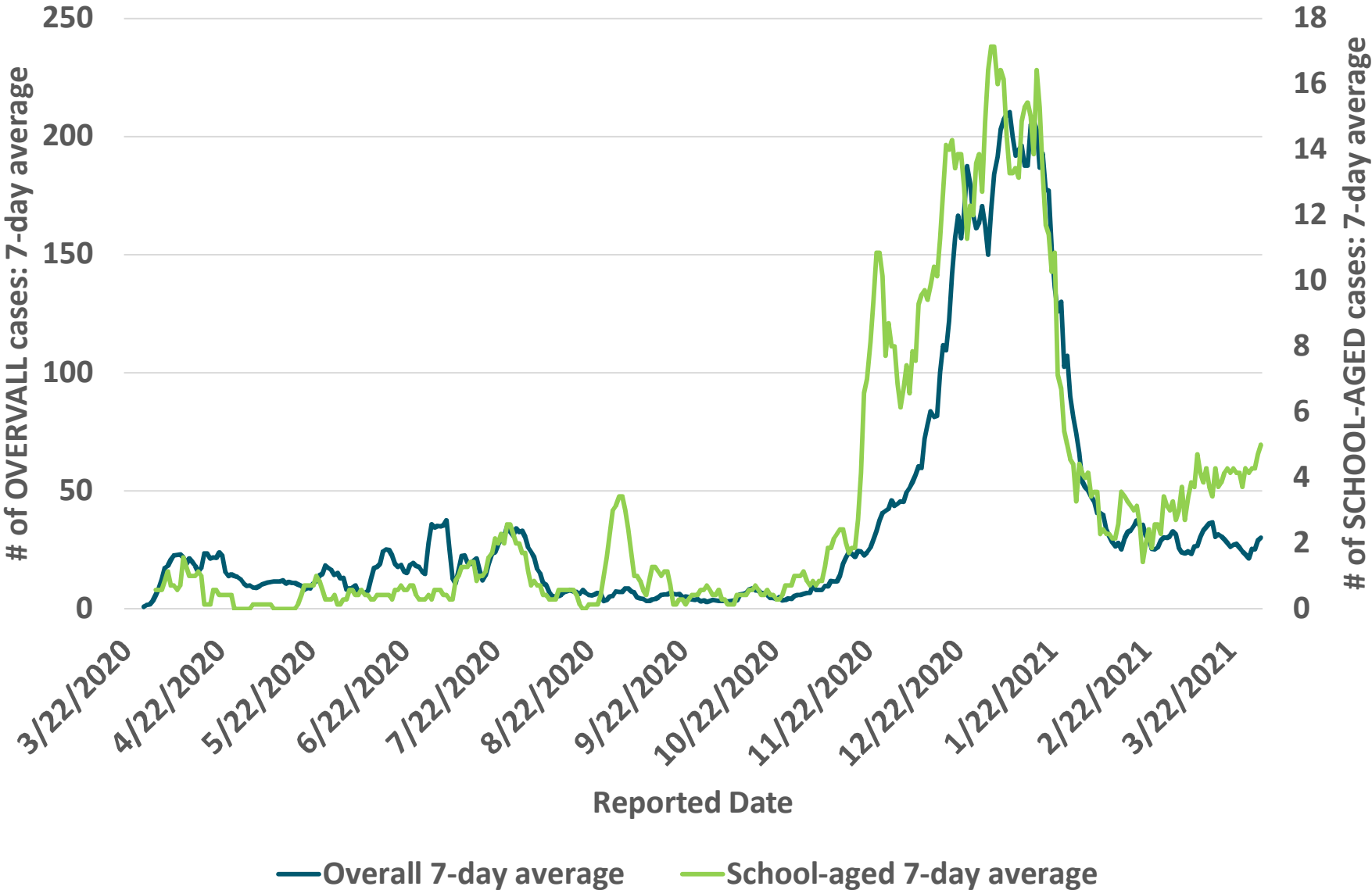


2021-04-03

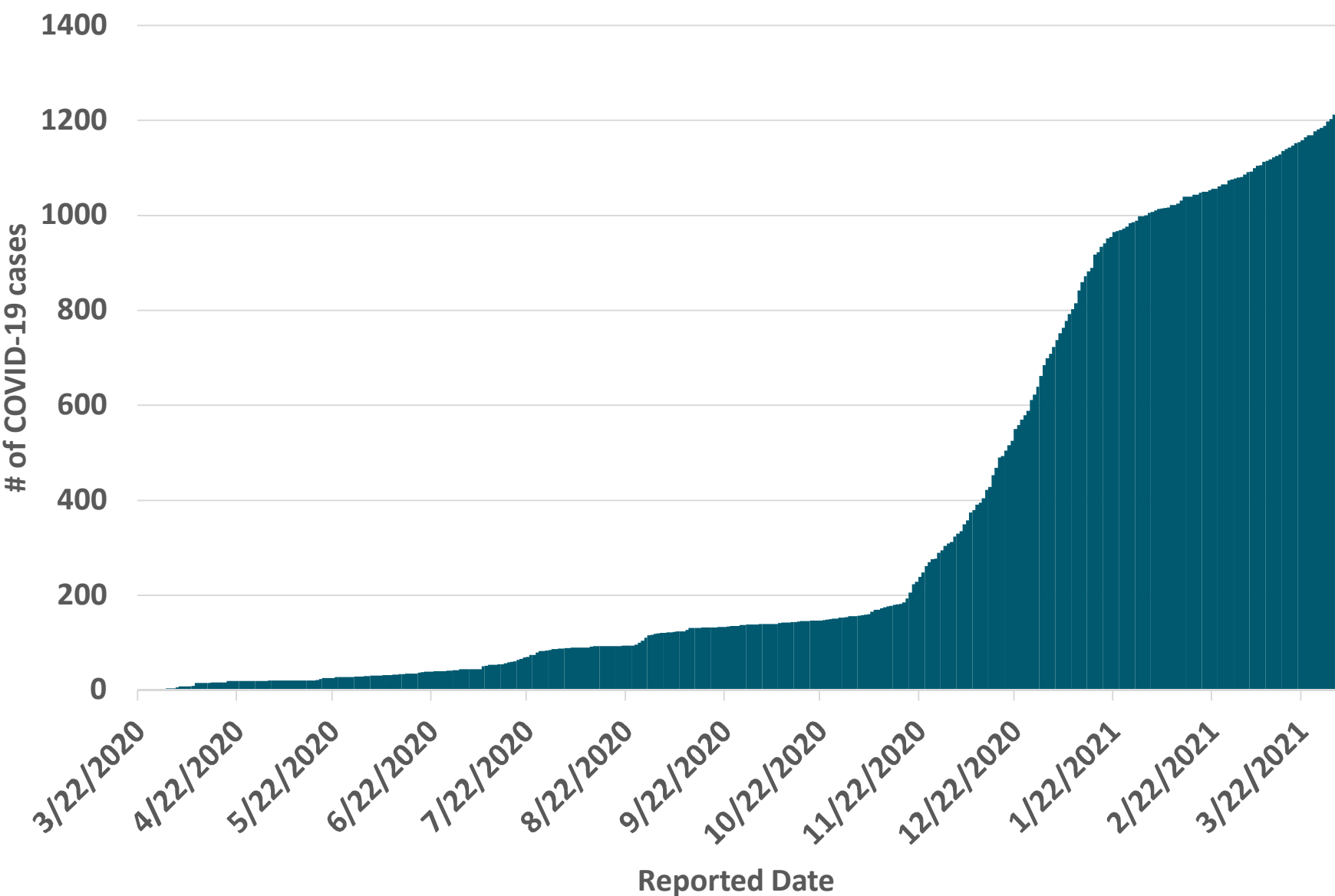
School Aged Epidemic Curve in Windsor-Essex



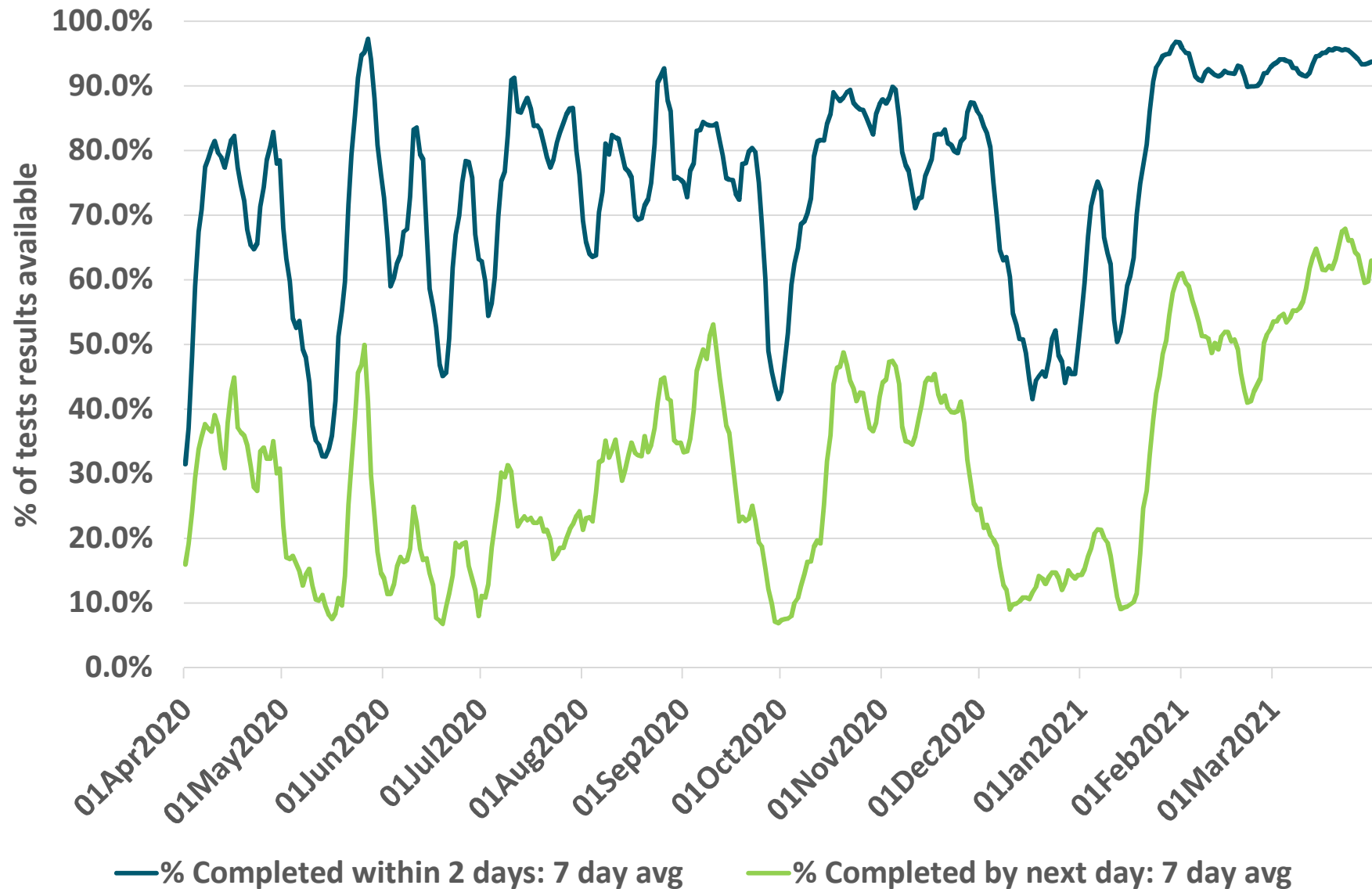
7-Day Average Comparison: School Aged vs. Overall



Cumulative Cases – School-Aged Children

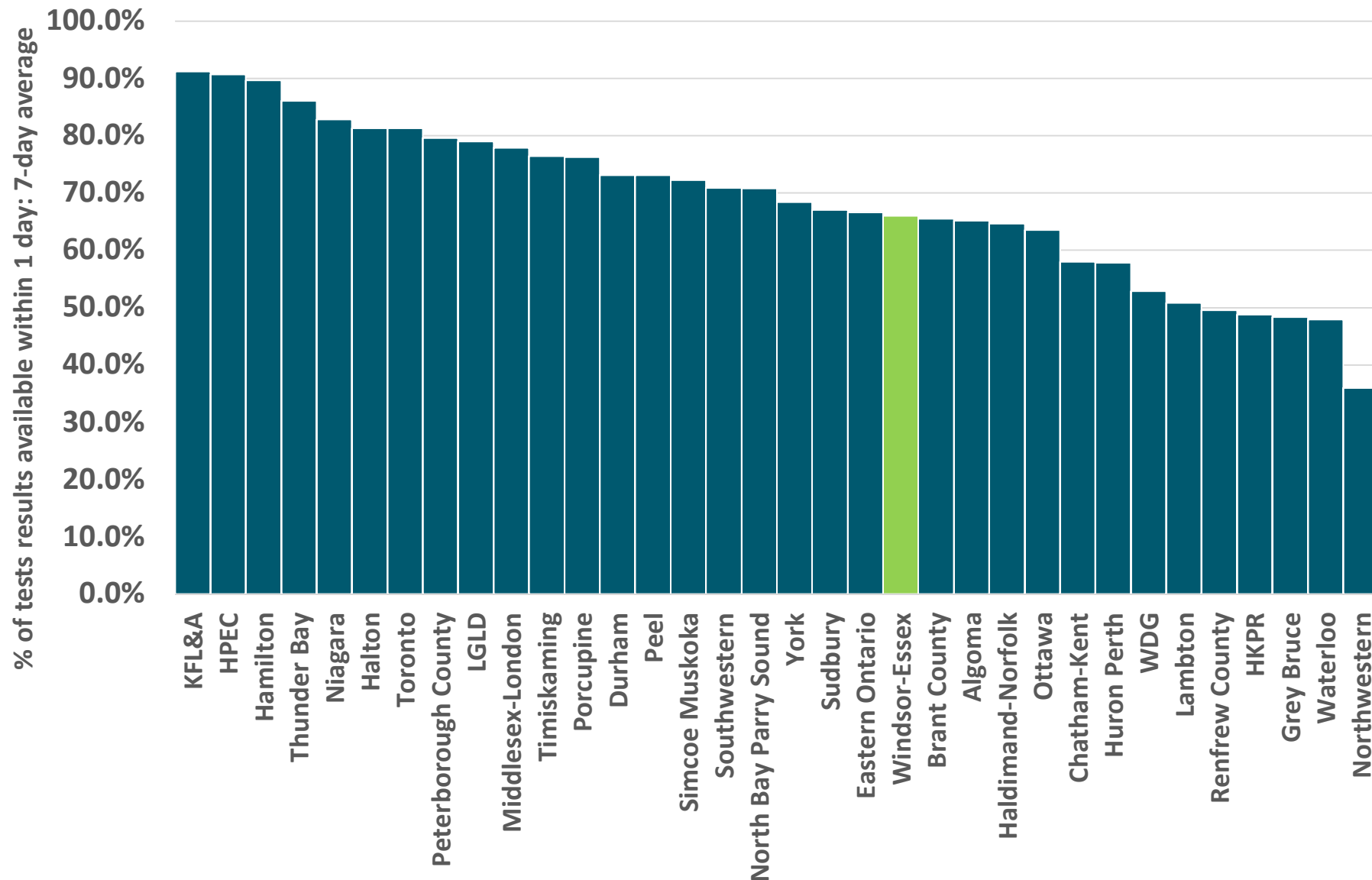


Percentage of Tests Results Available Within 1 and 2 Days: 7-Day Average

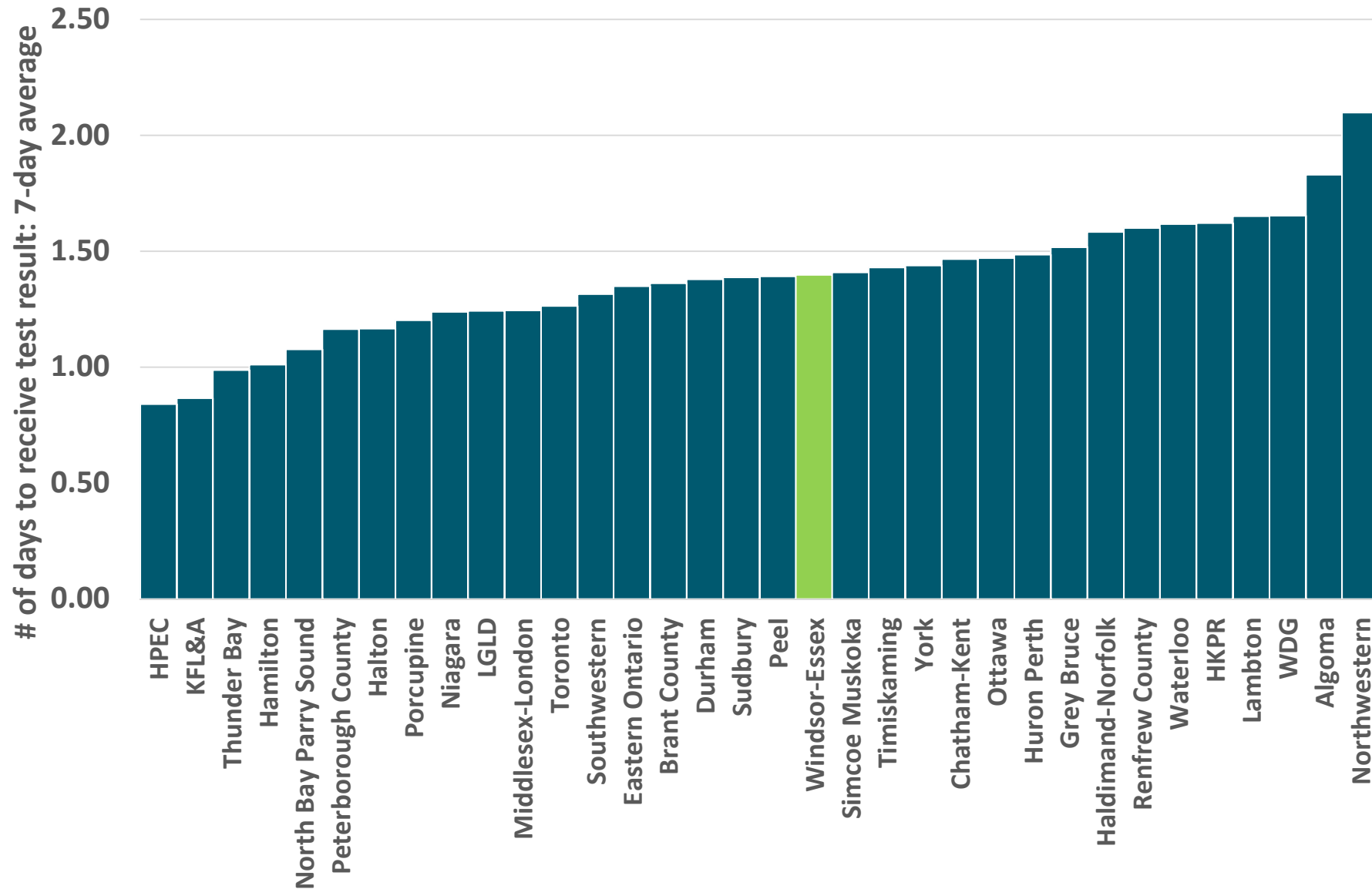


2021-04-03

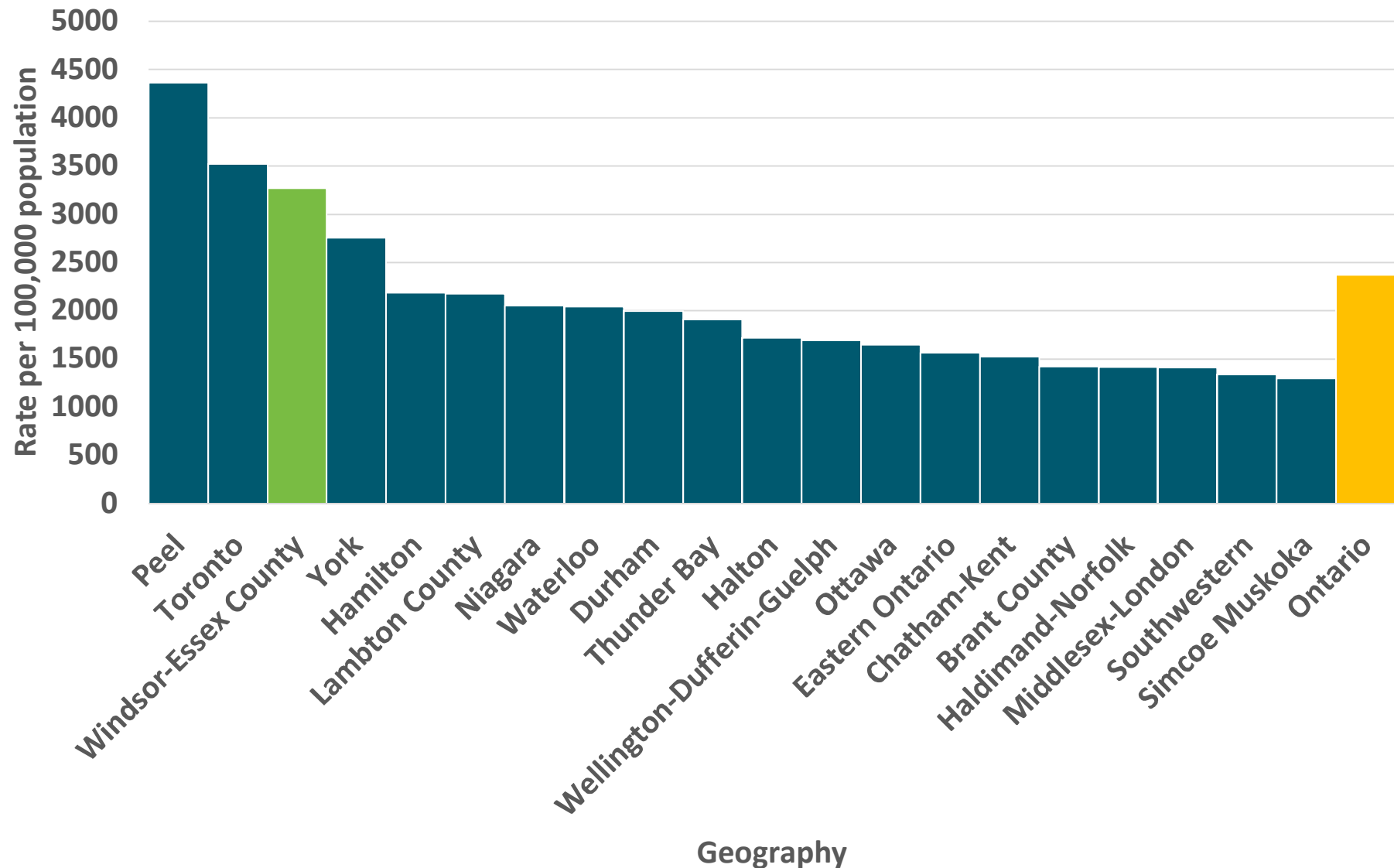
Percentage of Tests Results Available Within 1 Day: Across Ontario – 7-Day Moving Average



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

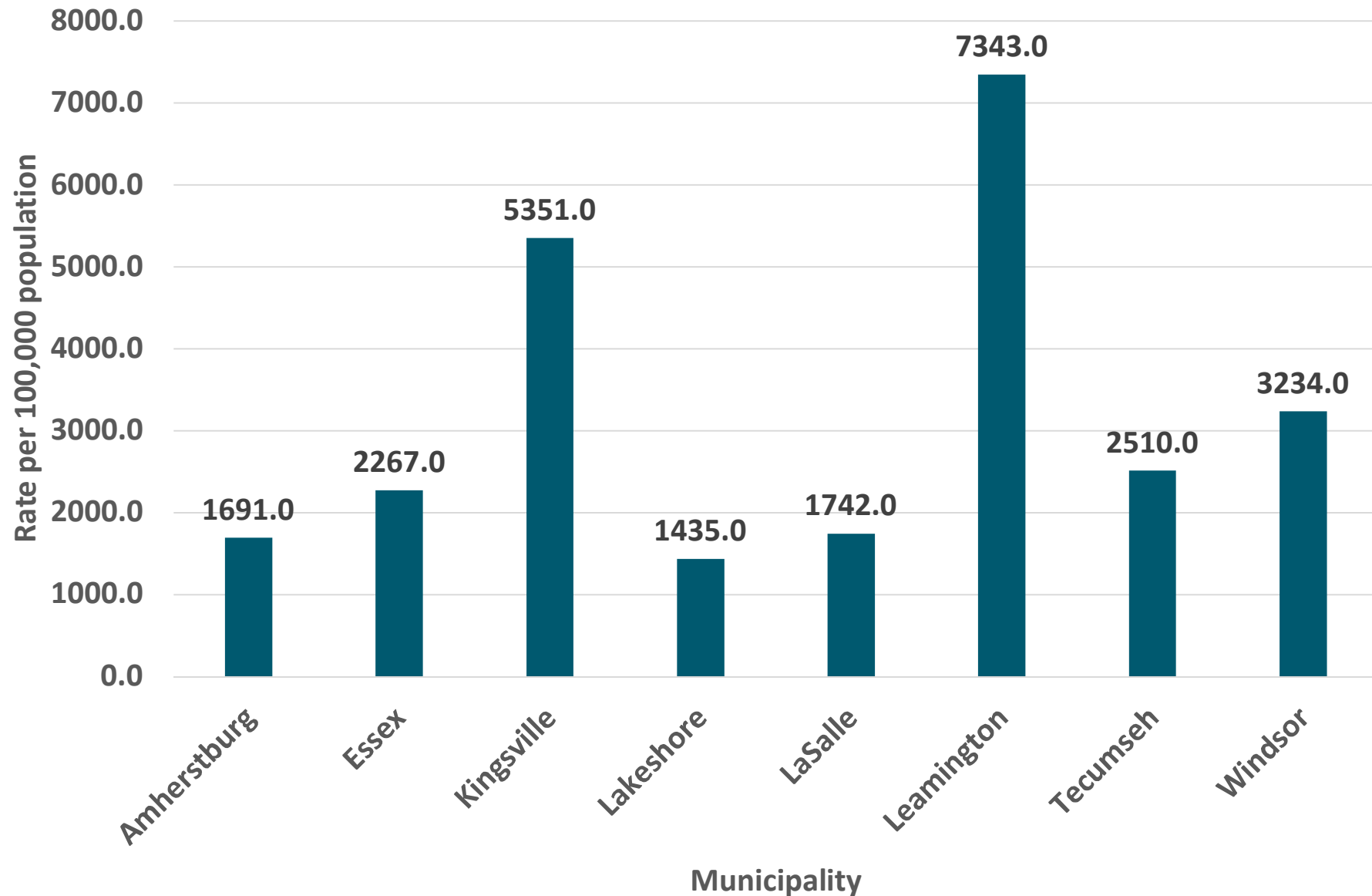


Cumulative Regional & Provincial Rates

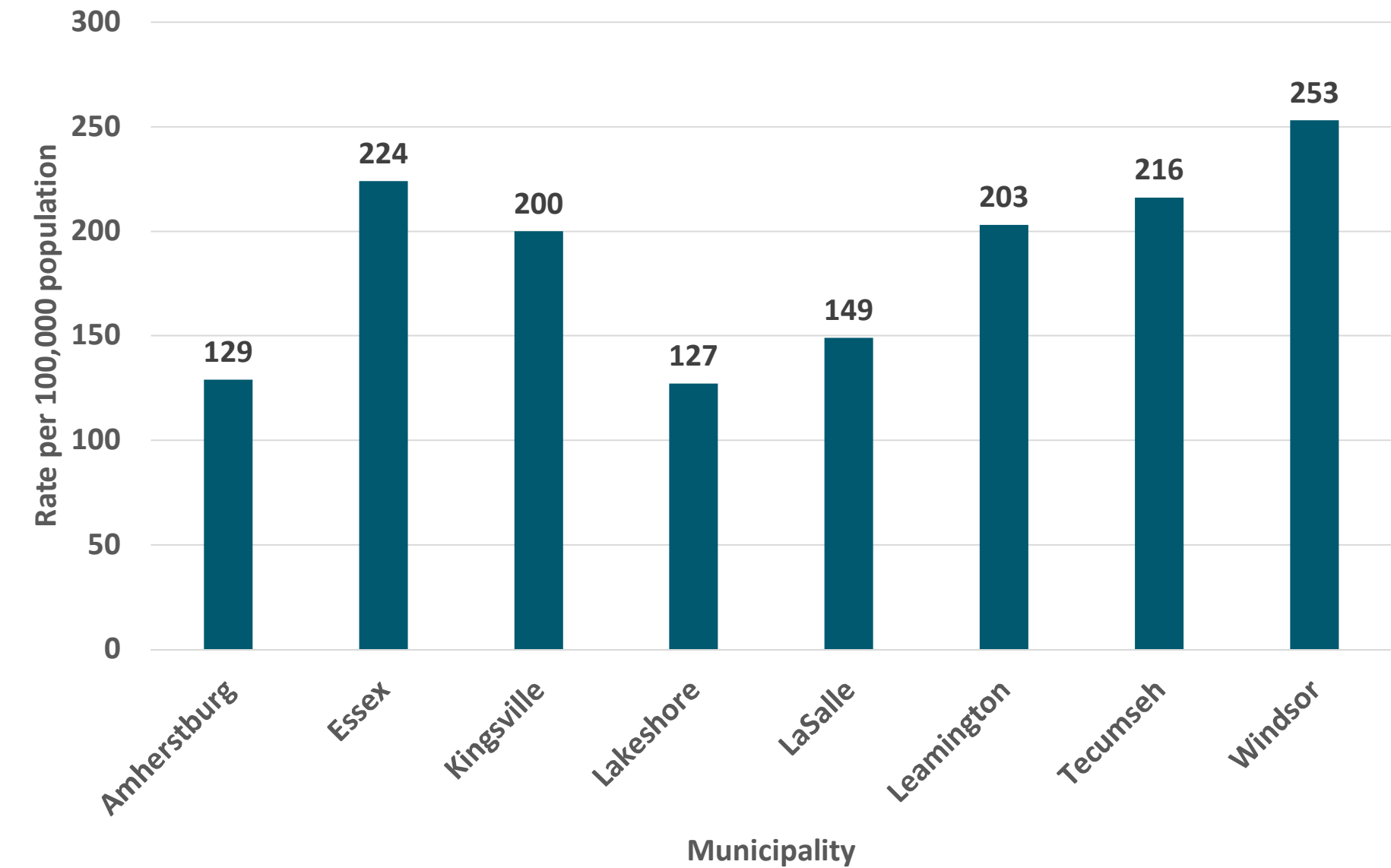


2021-04-03

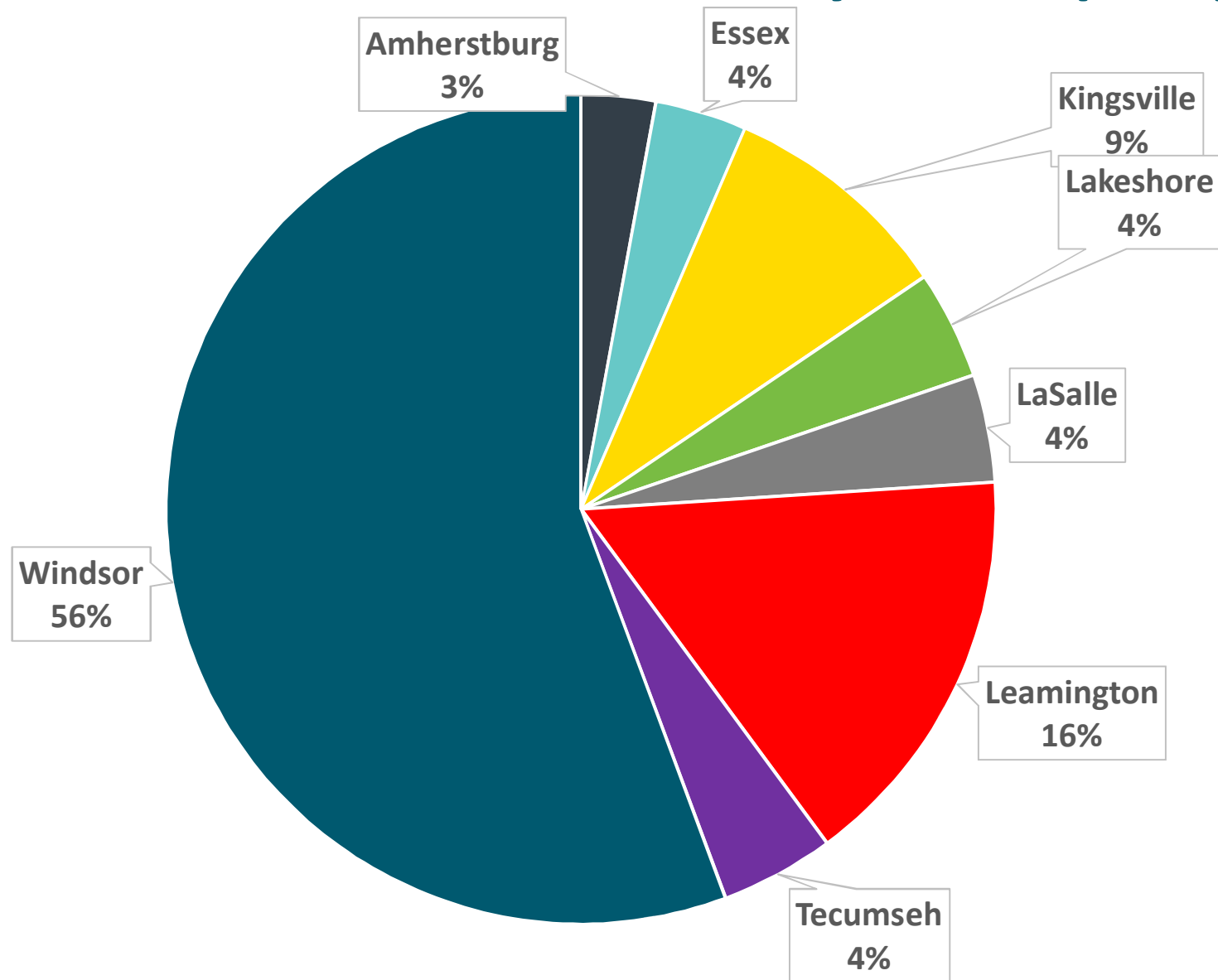
Rate per 100,000 by Municipality (Cumulative)



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

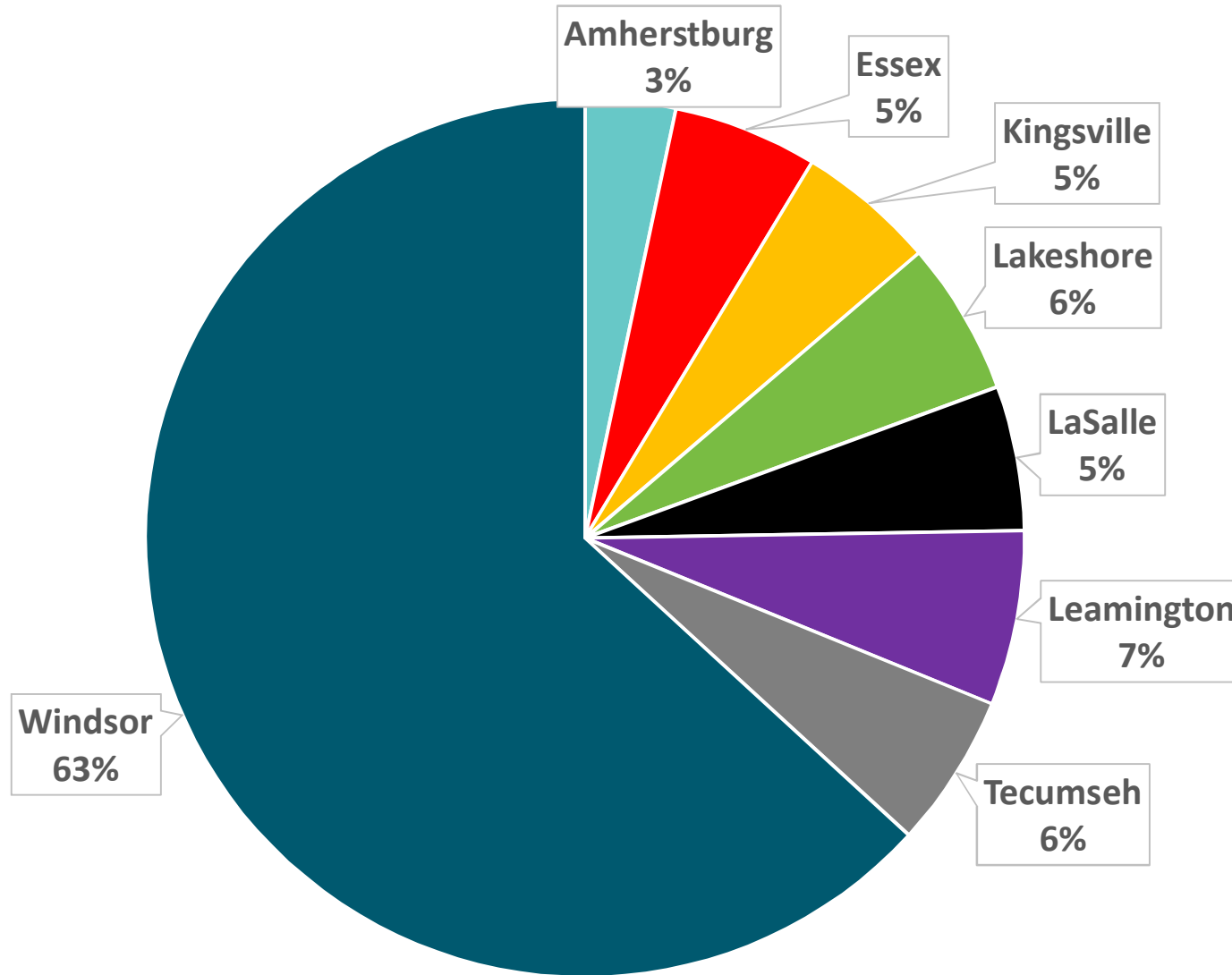


Distribution of COVID-19 Cases by Municipality

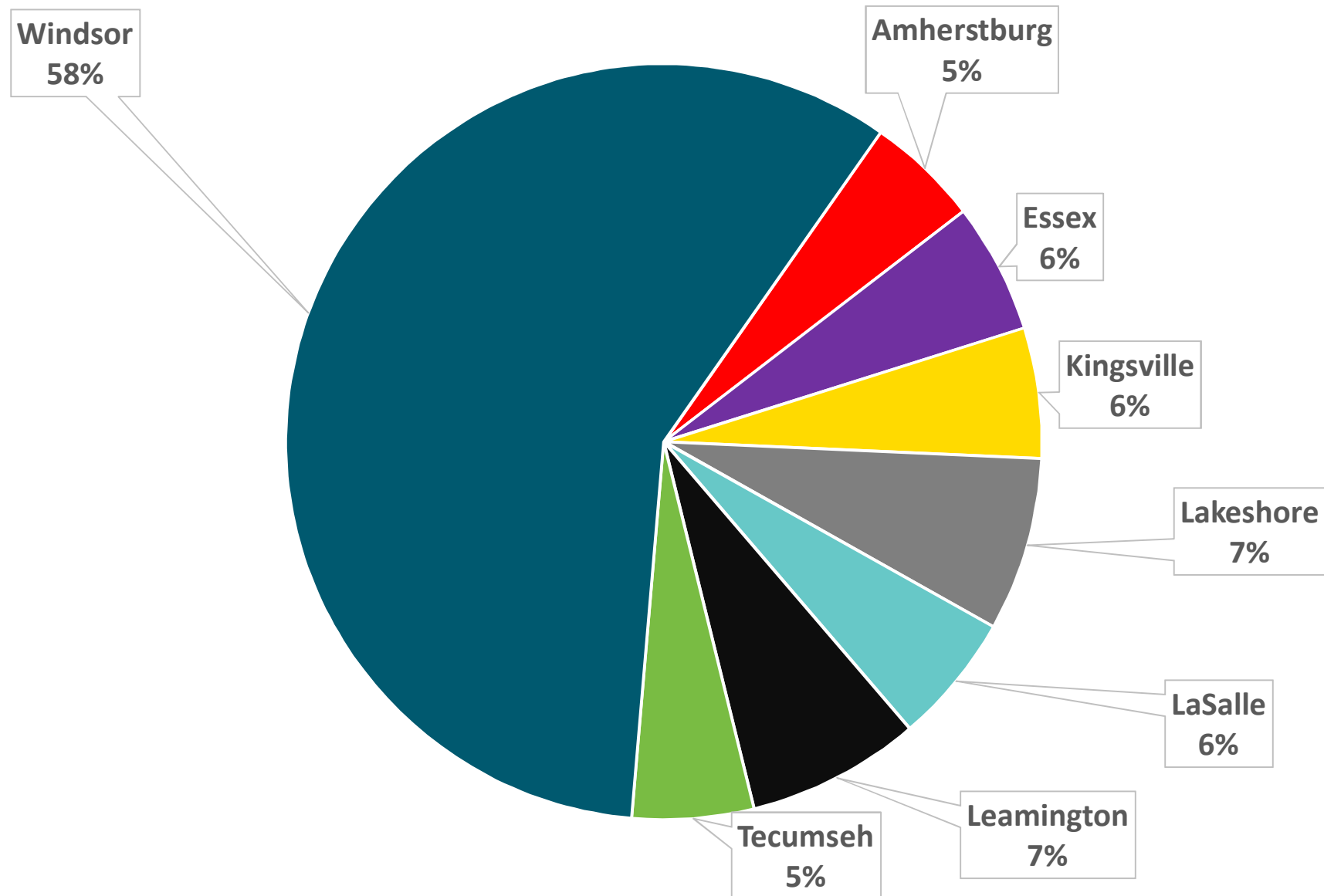


2021-04-03

Distribution of COVID-19 Cases by Municipality in last 30 days (March 2 to March 31)

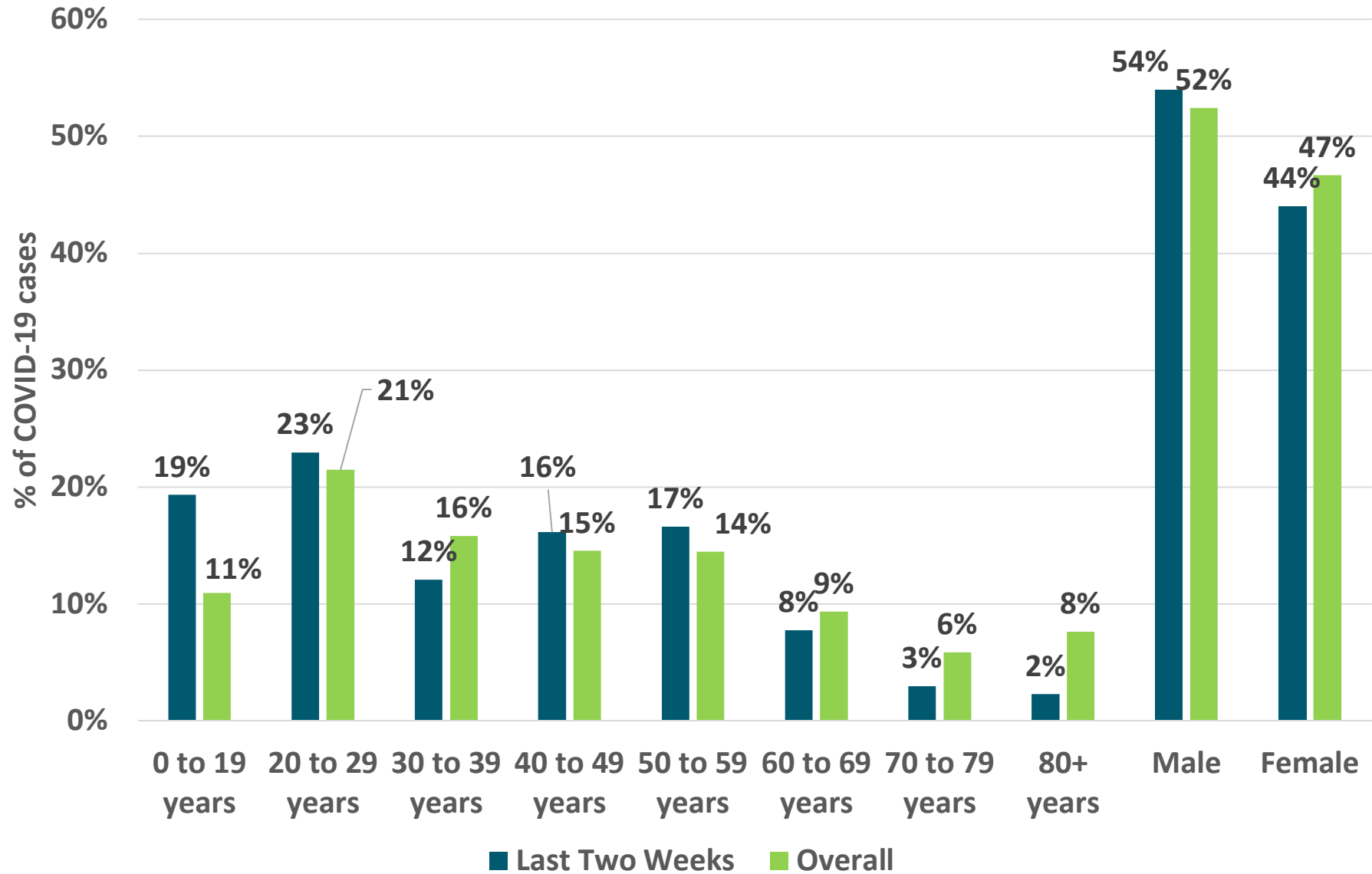


Distribution of COVID-19 Cases by Municipality in last 7 days (March 25 to March 31)



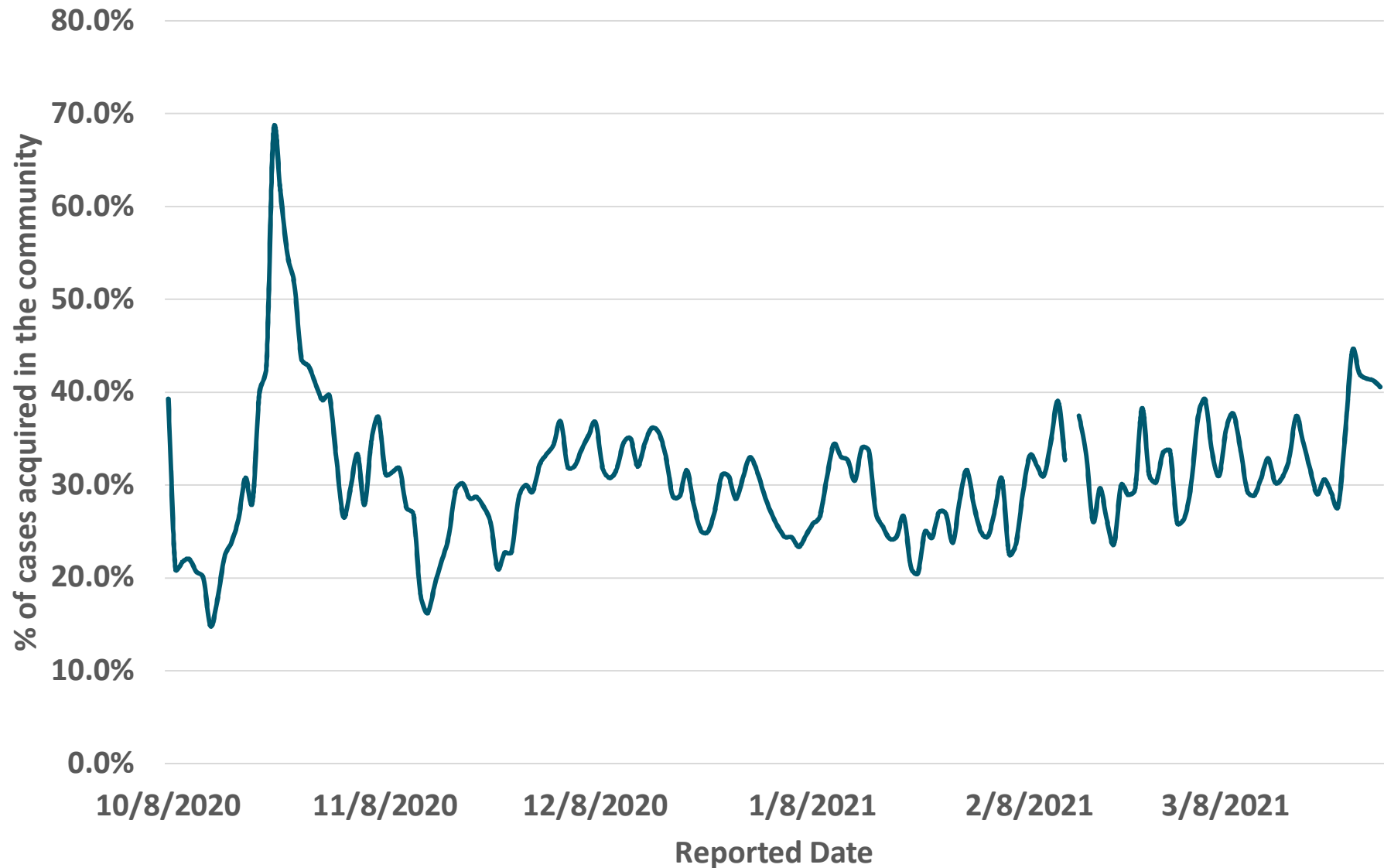
2021-04-03

Age & Sex Distribution



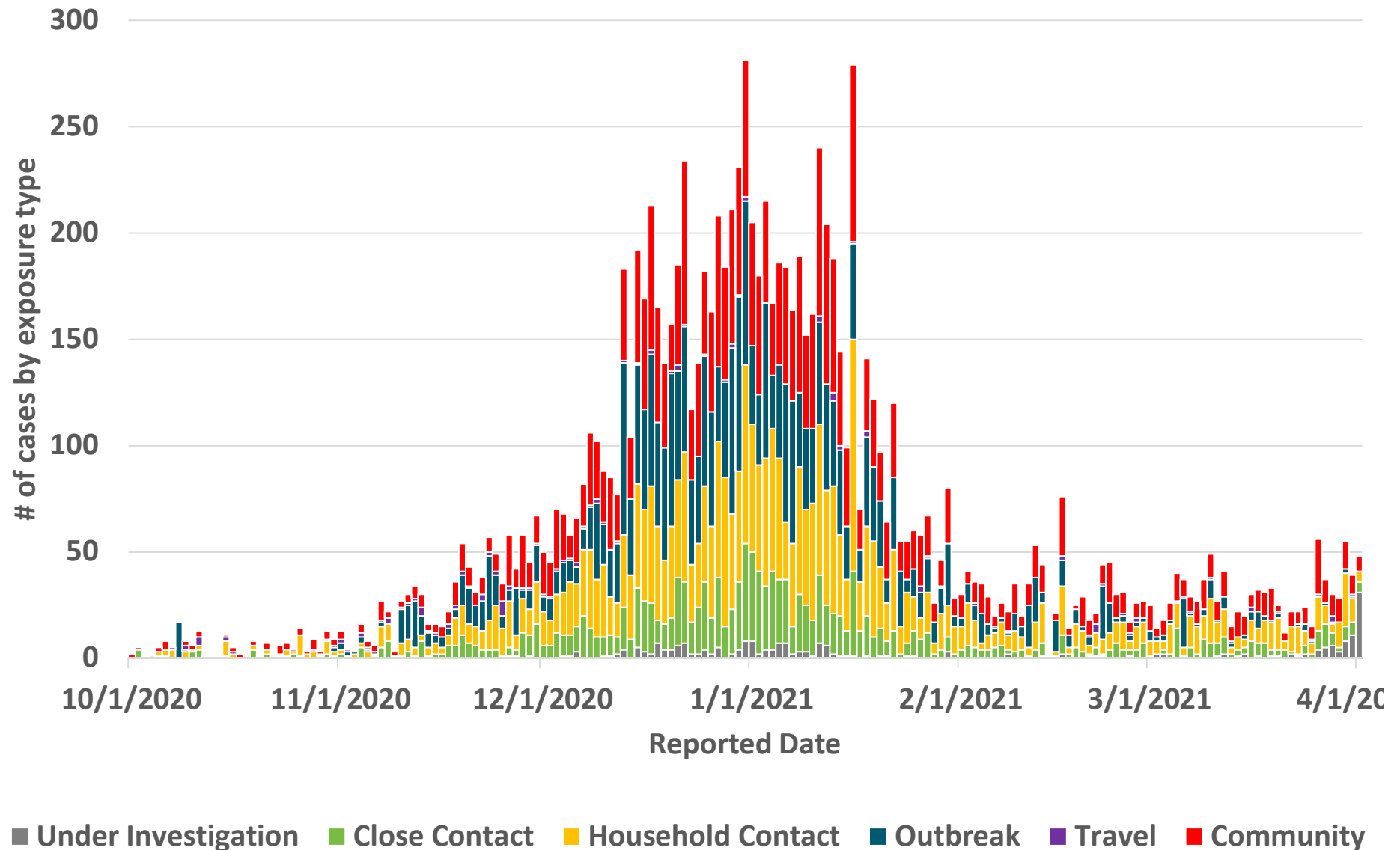
2021-04-03

Non-Epidemiologically Linked Cases (7-day average)



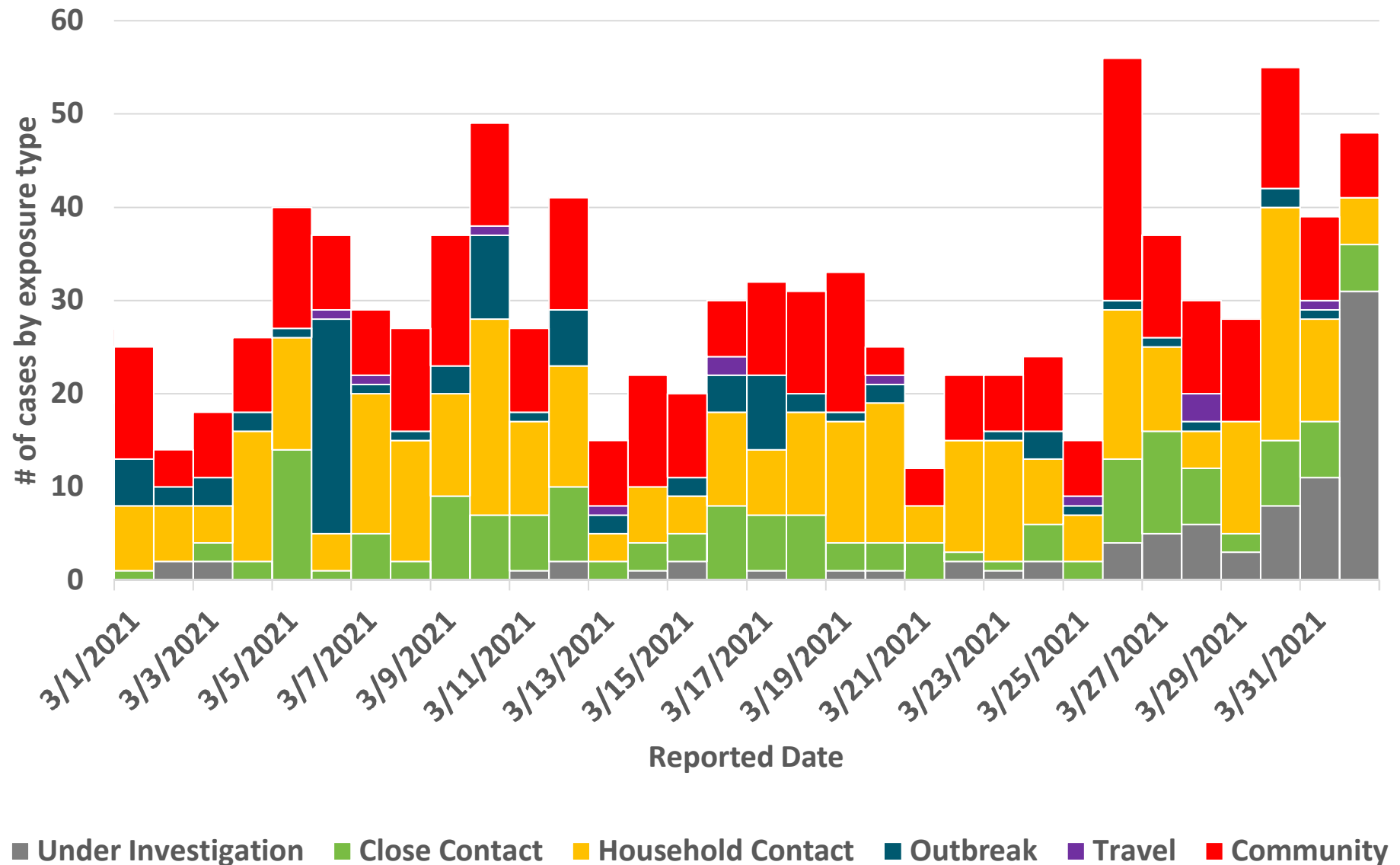
2021-04-03

Exposure History by Reported Date (Oct to Present)



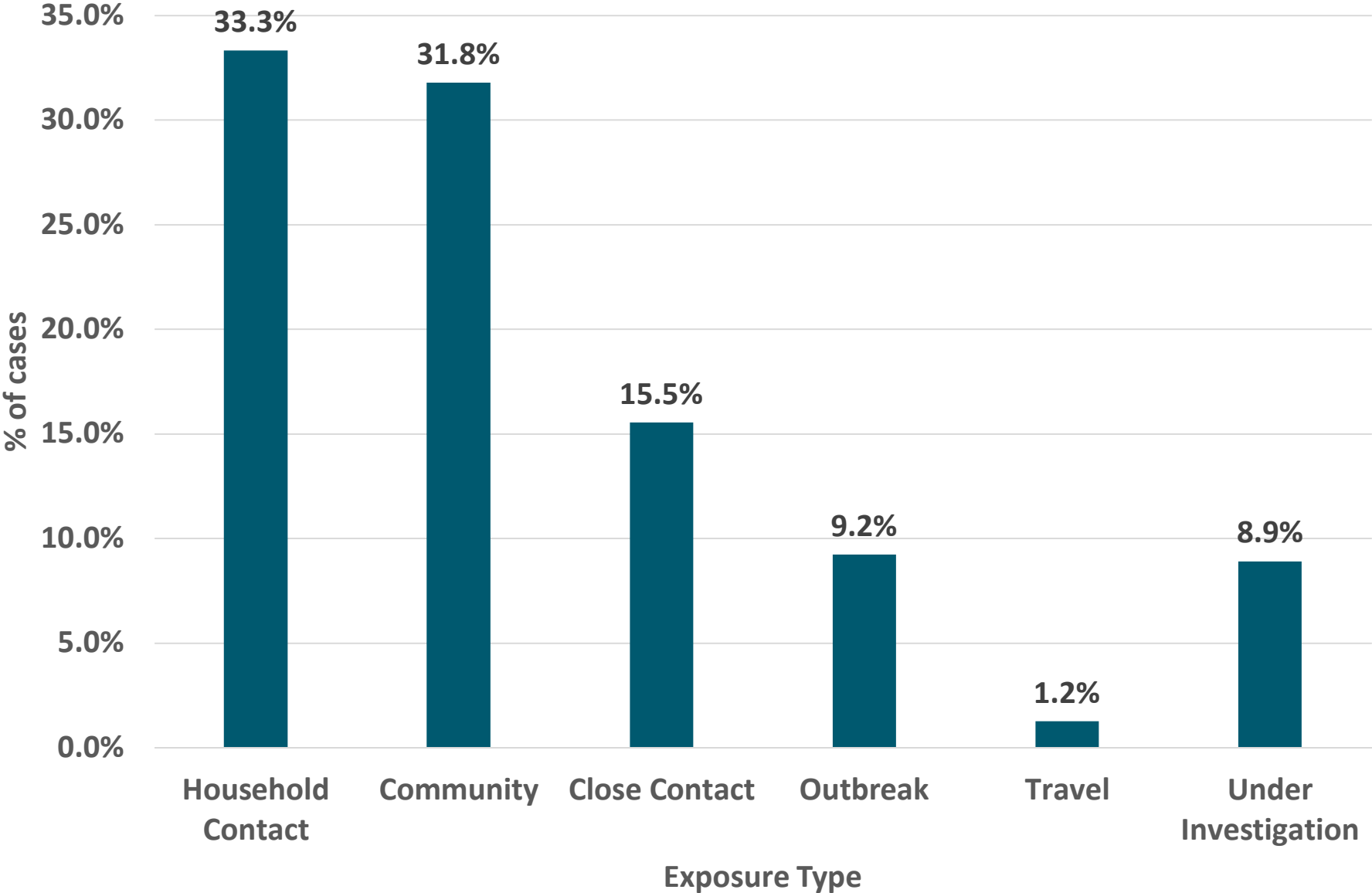
2021-04-03

Exposure History by Reported Date (Mar to Present)

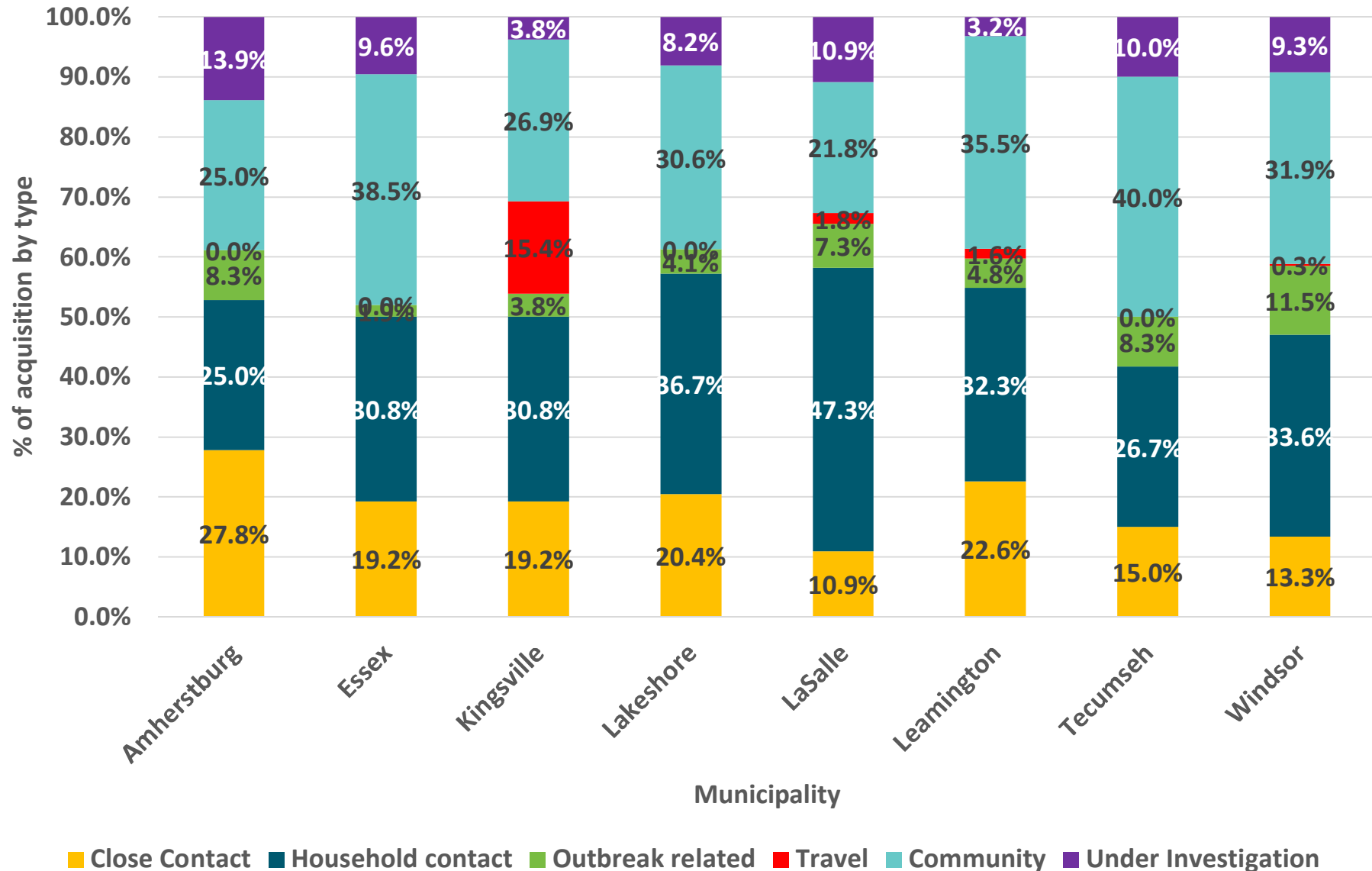


2021-04-03

Source of Acquisition (March to Present)

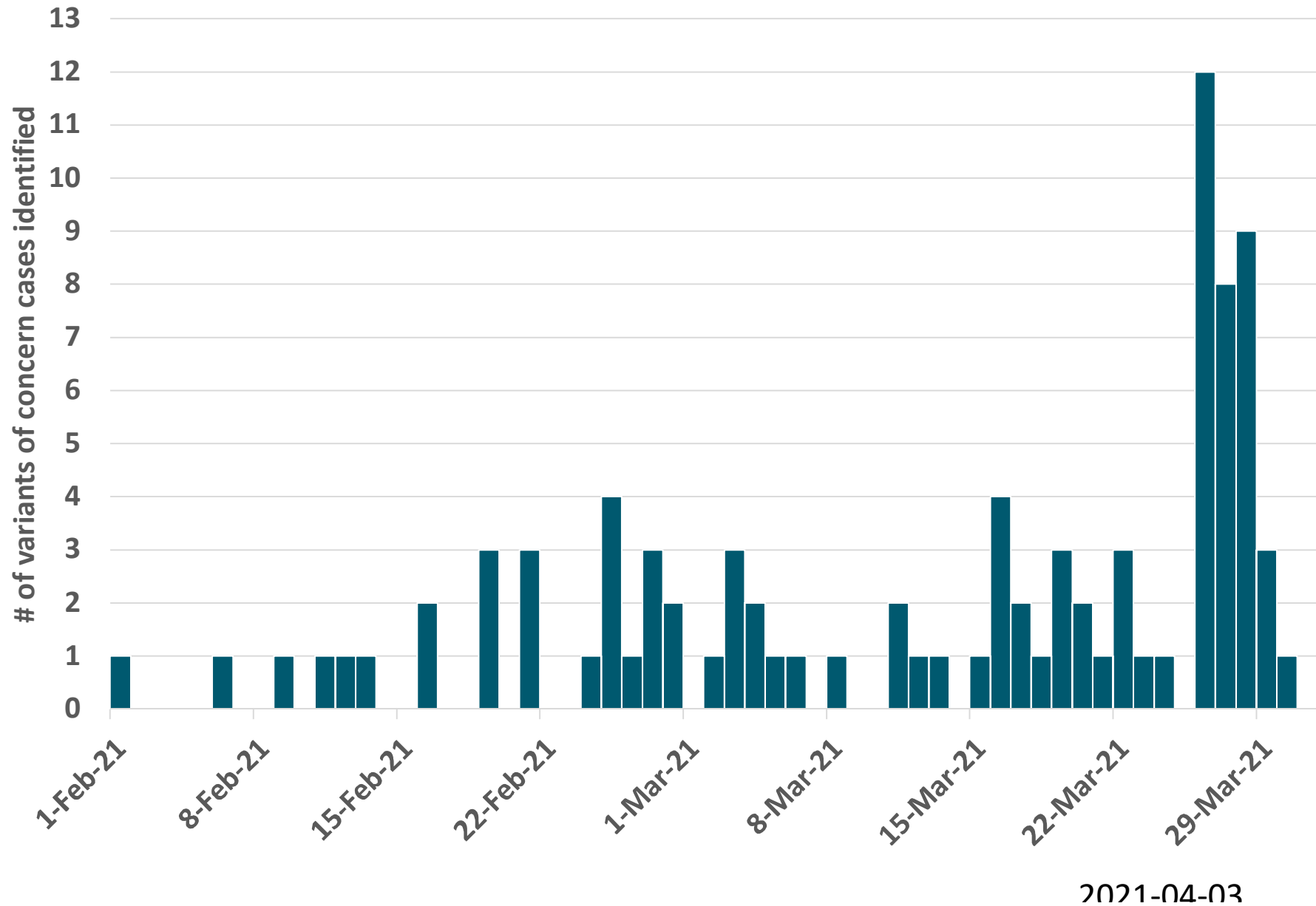


Acquisition Source by Municipality (Mar to Present)

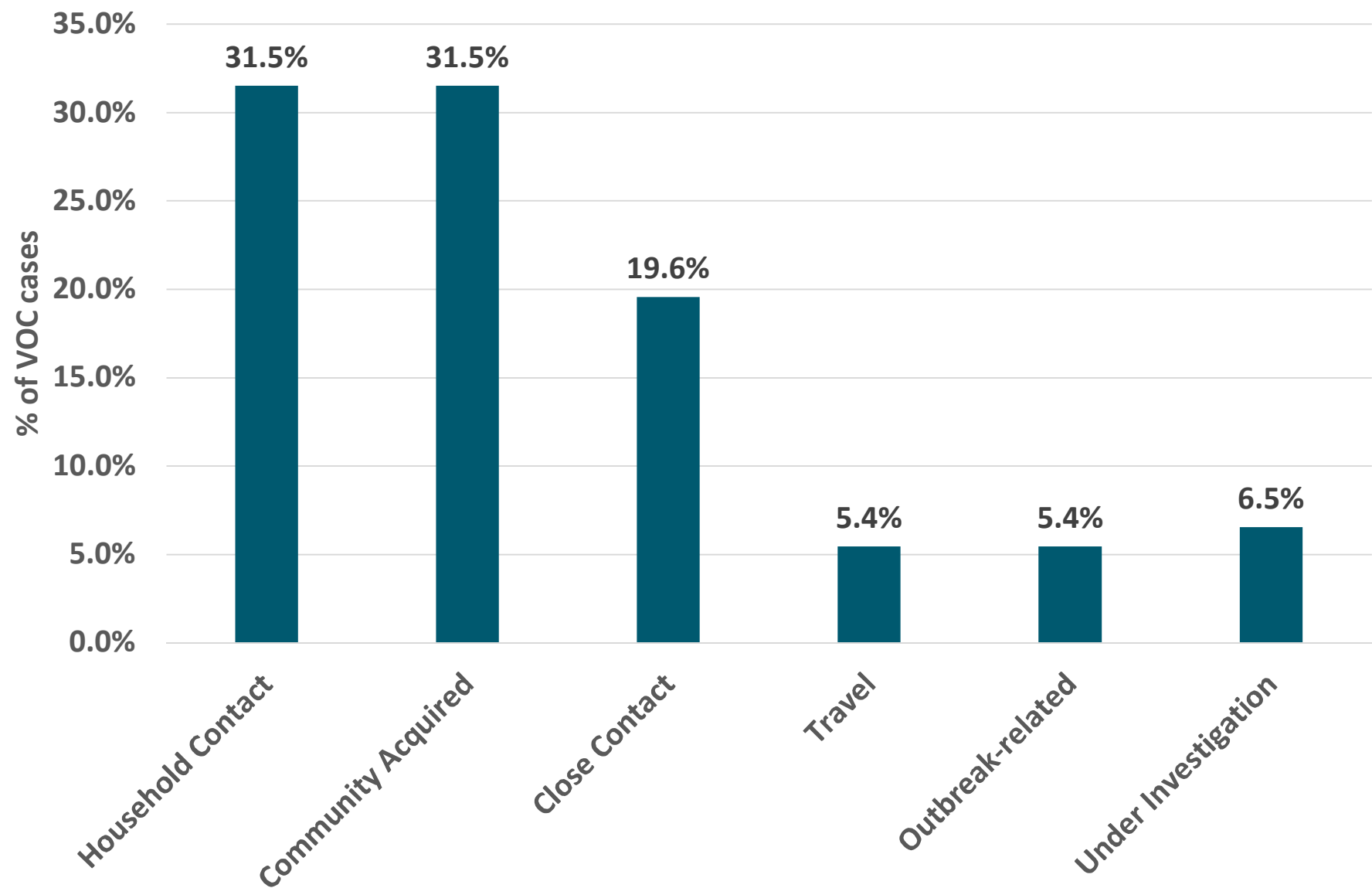


2021-04-03

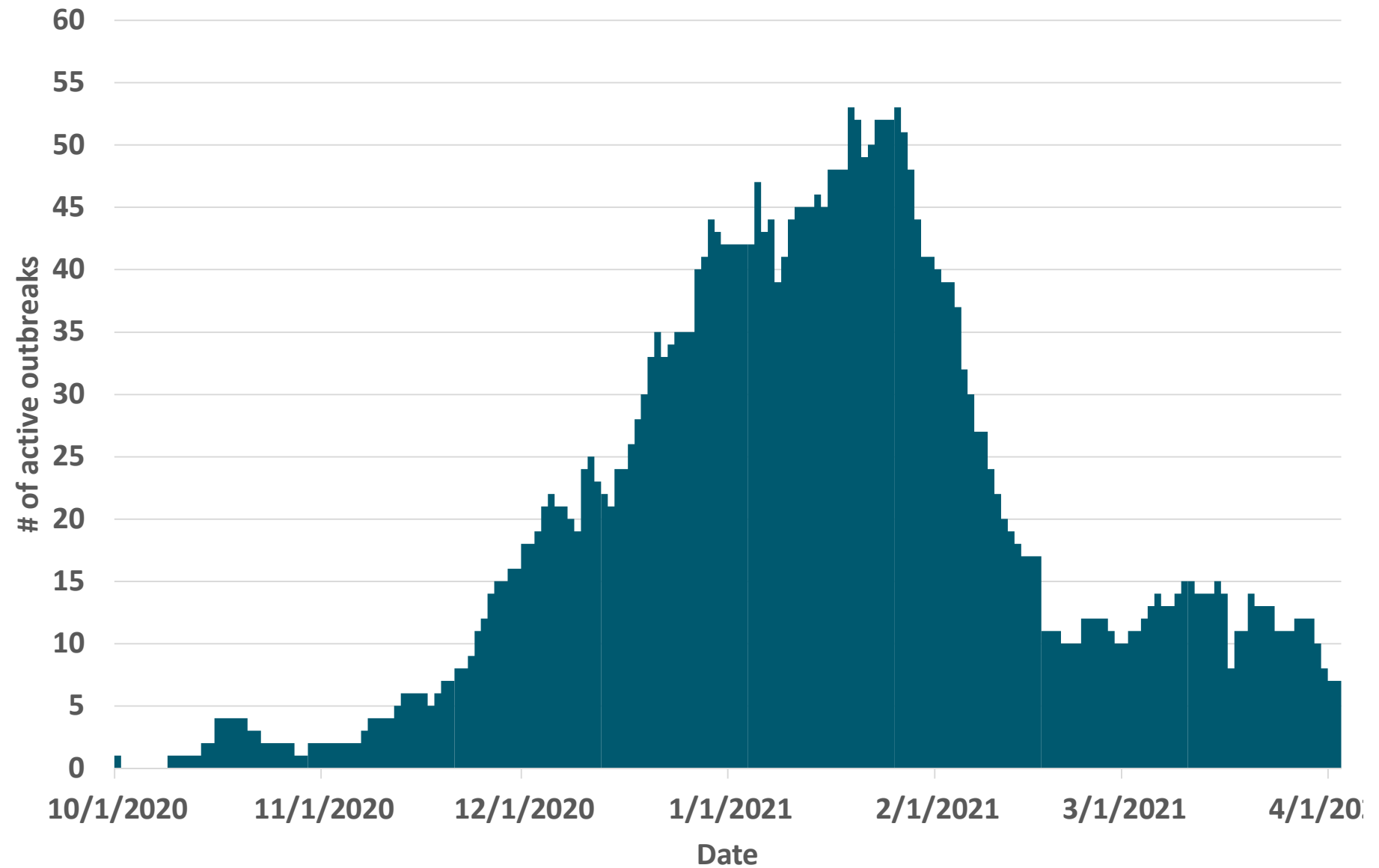
Variants of Concern – Epidemic Curve



Variants of Concern – Source of Acquisition

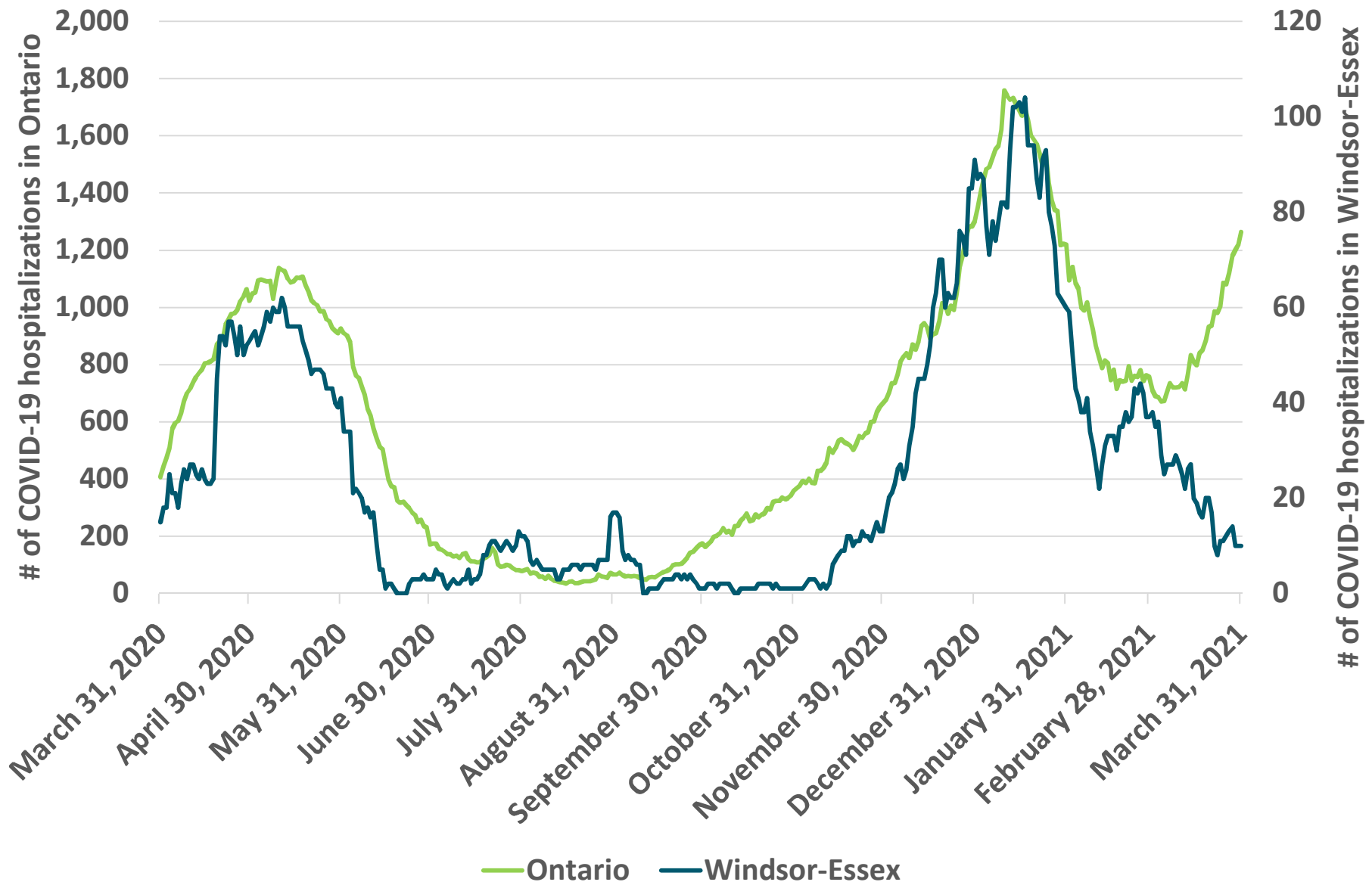


Active Outbreaks



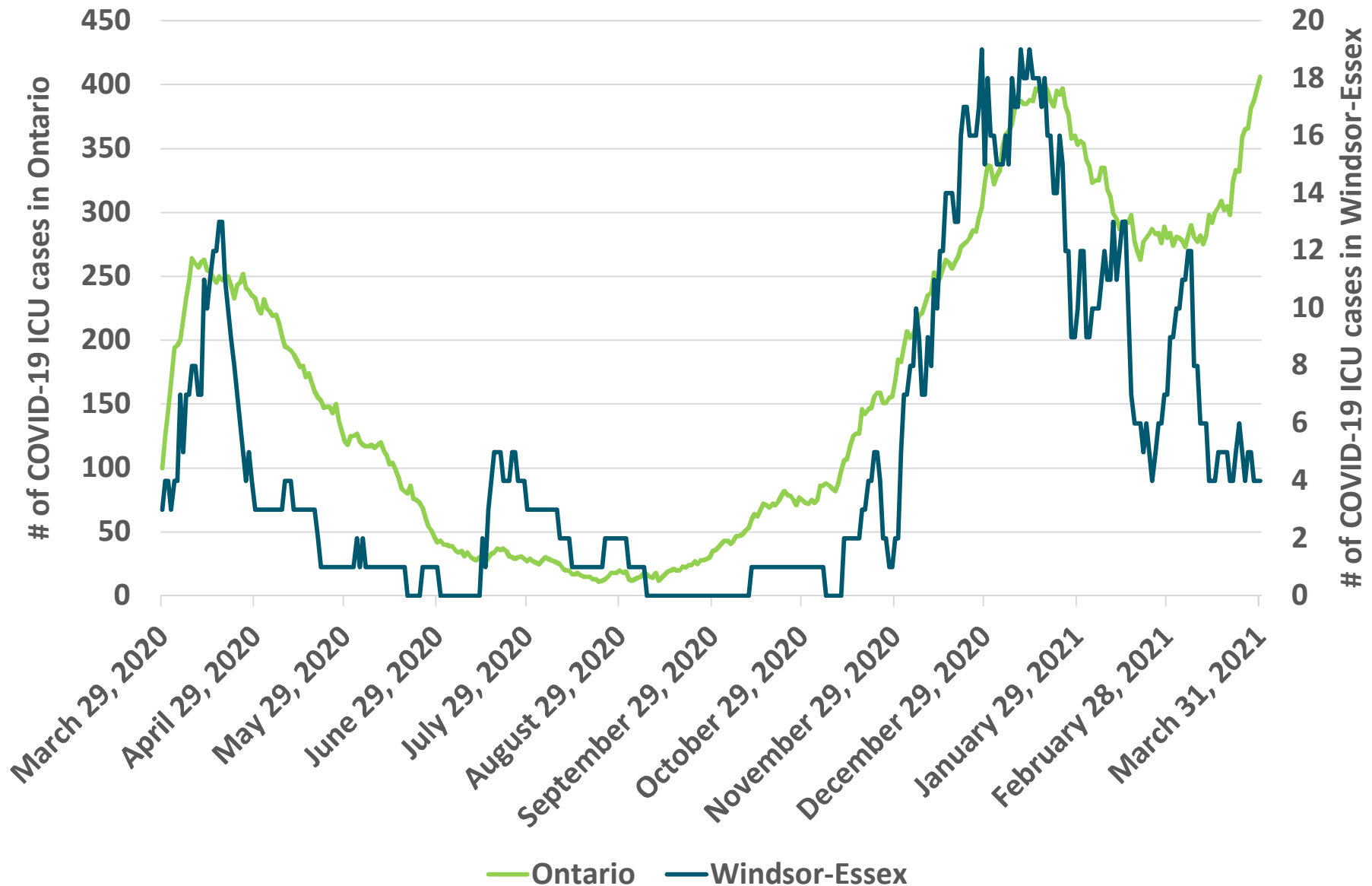
2021-04-03

COVID-19 Hospitalizations

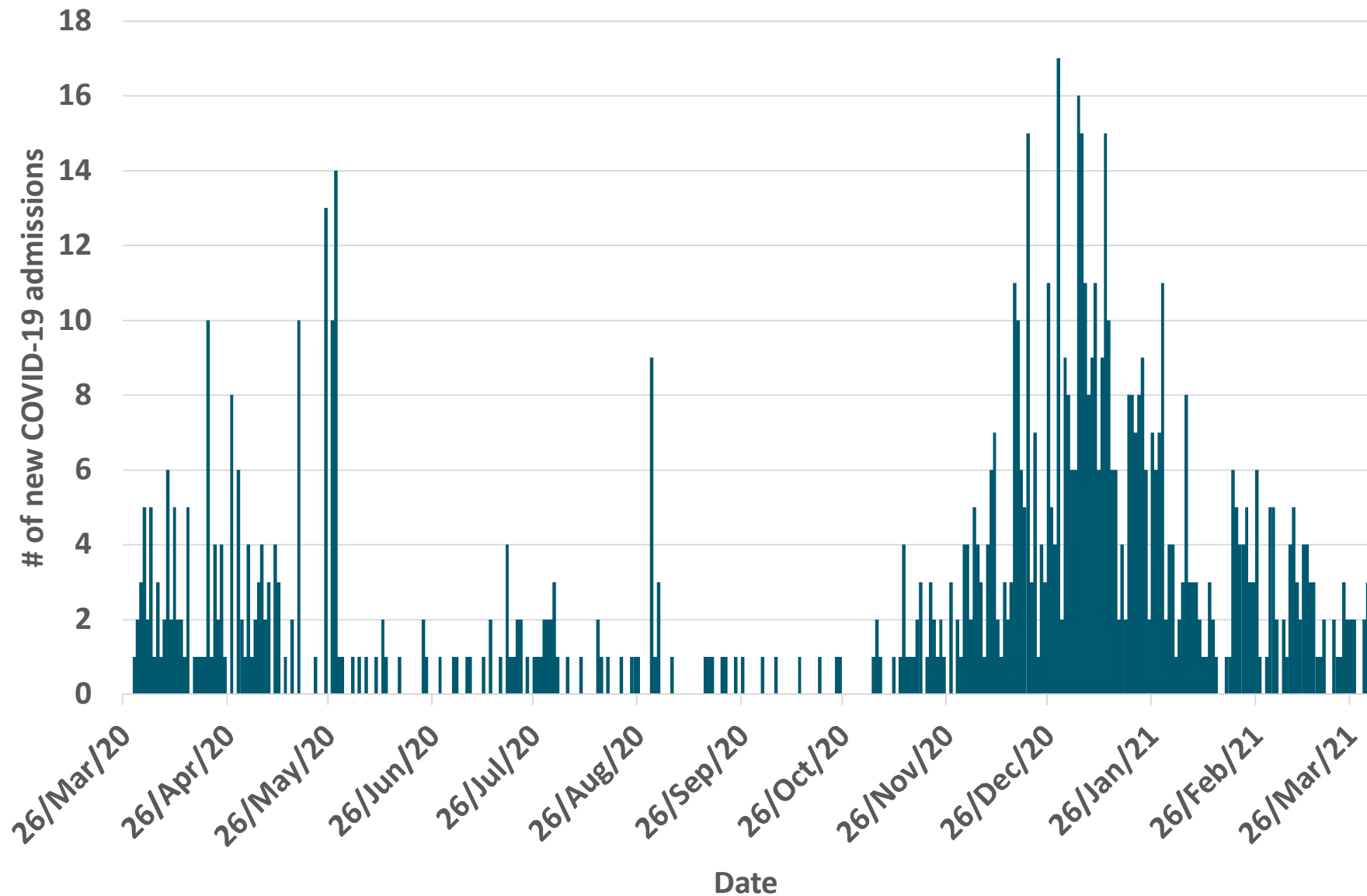


2021-04-03

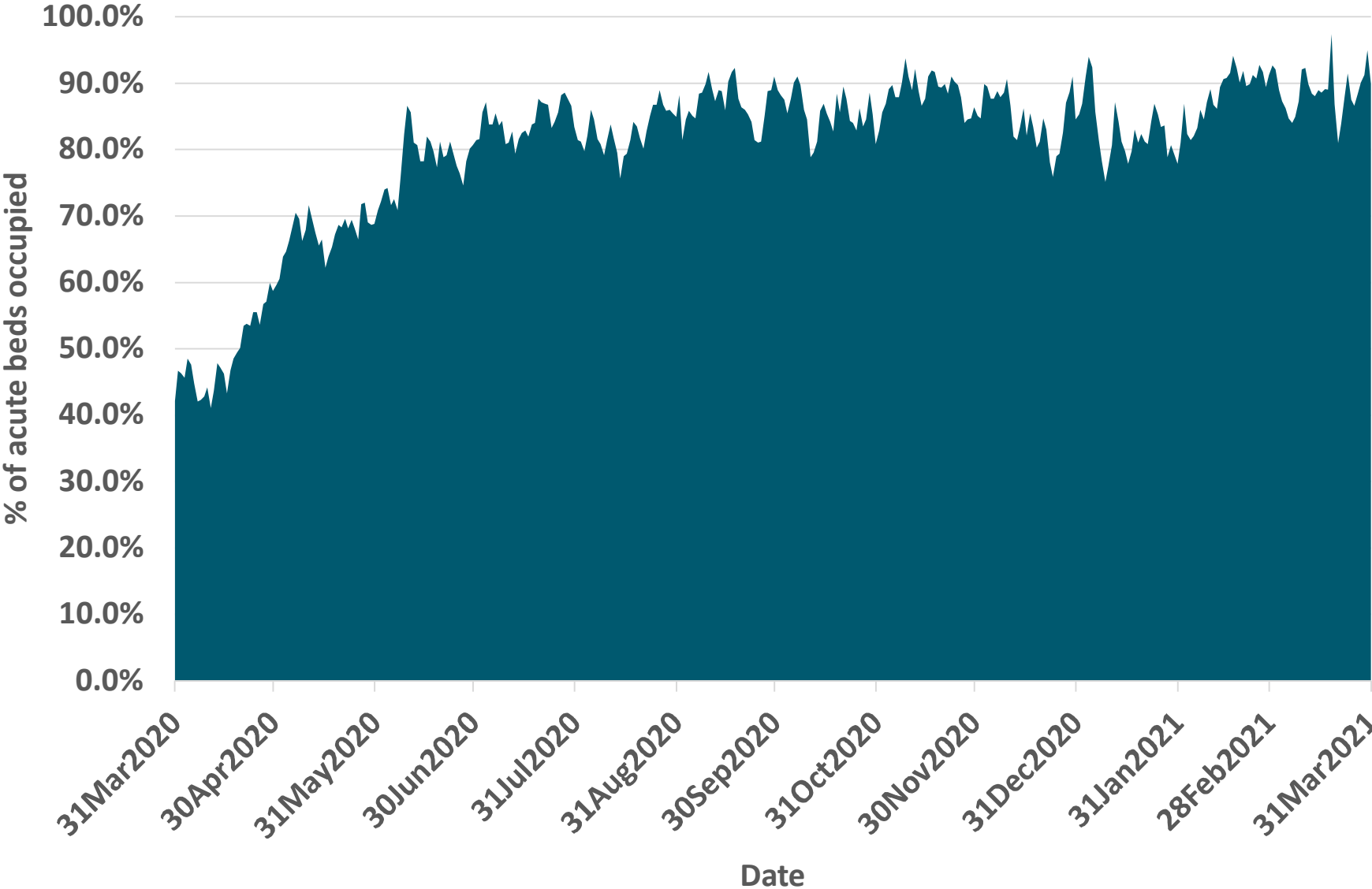
COVID-19 Cases in the ICU



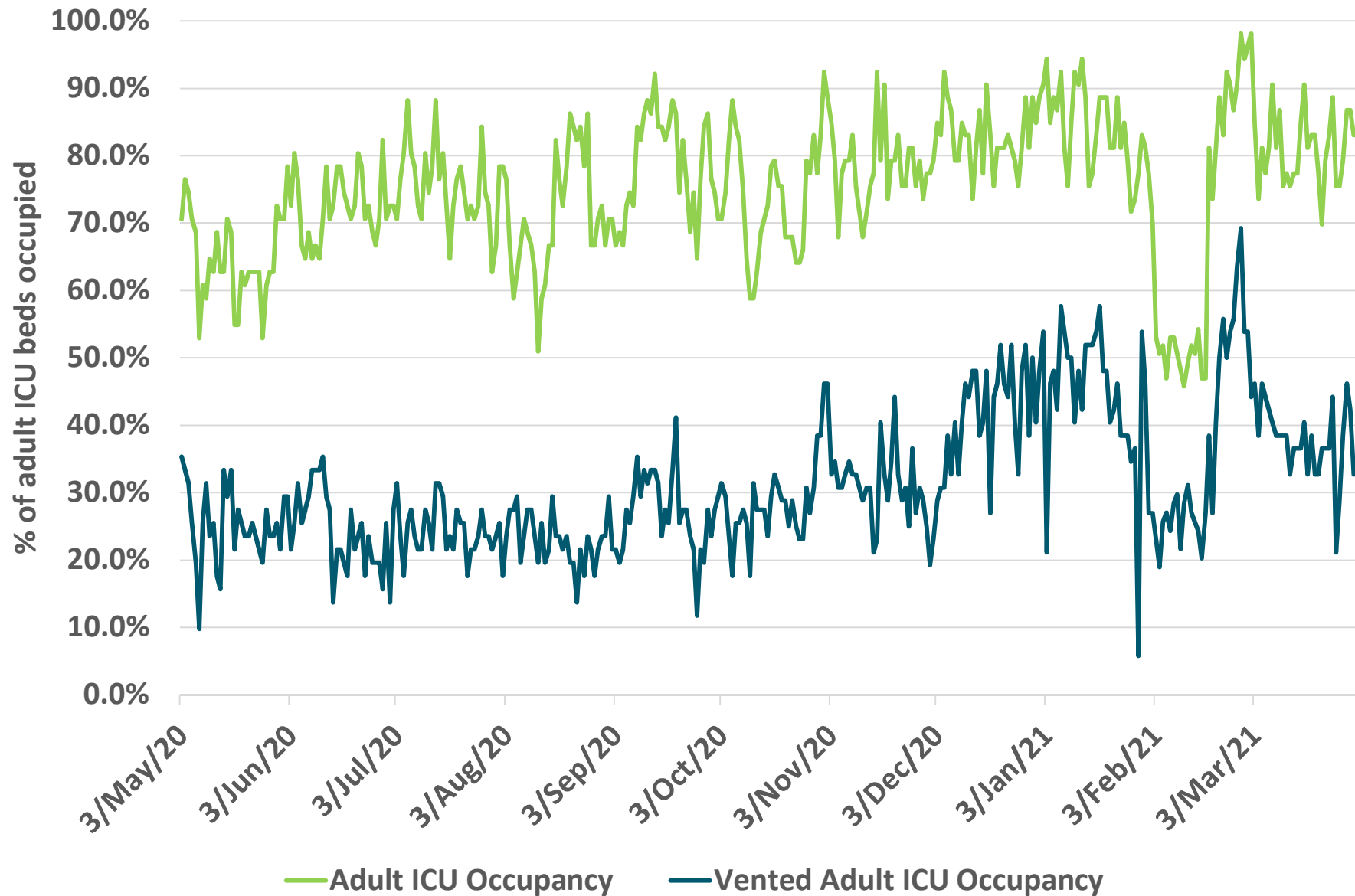
New COVID-19 Admissions By Day in Windsor-Essex



Acute Inpatient Occupancy in Windsor-Essex

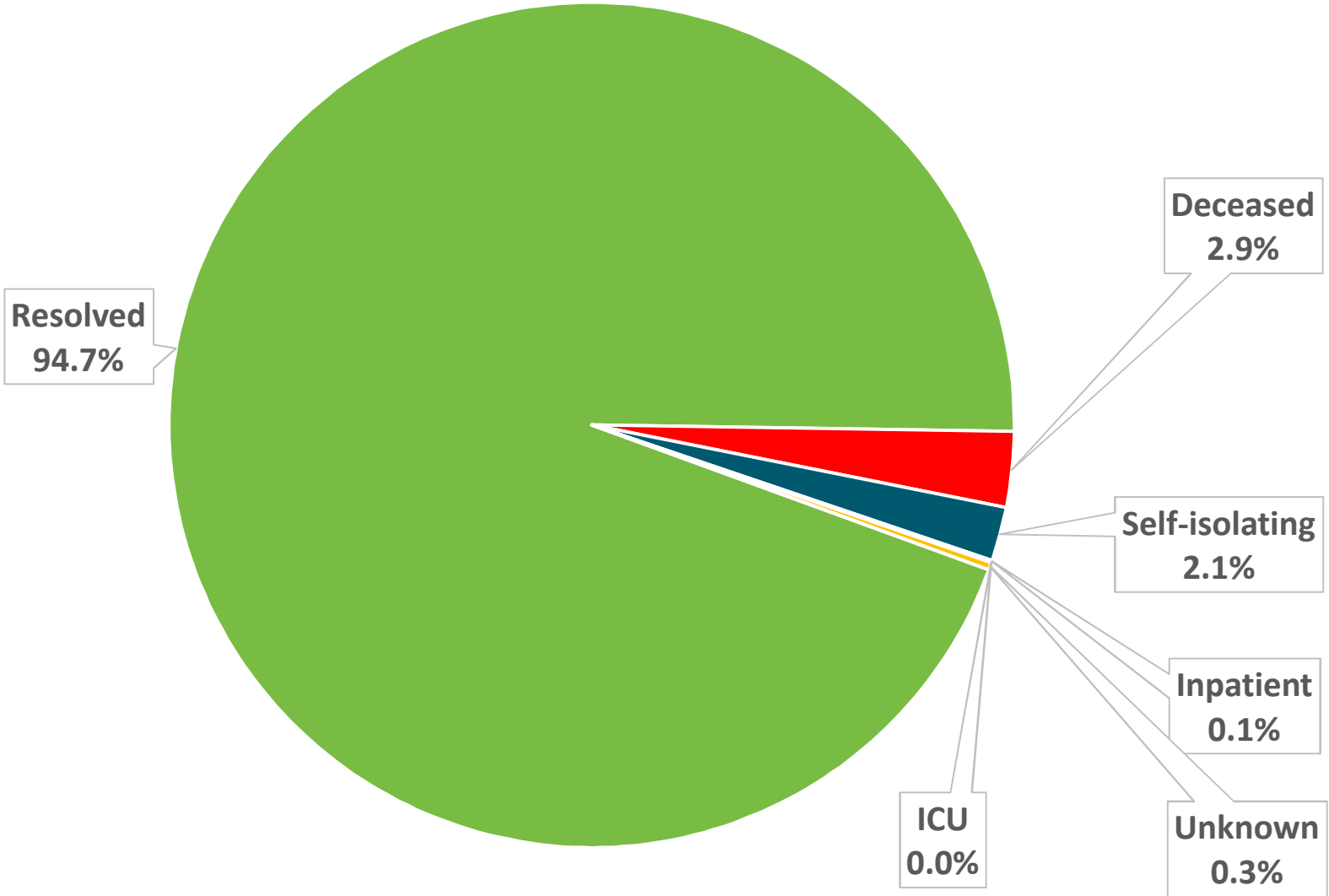


ICU Occupancy



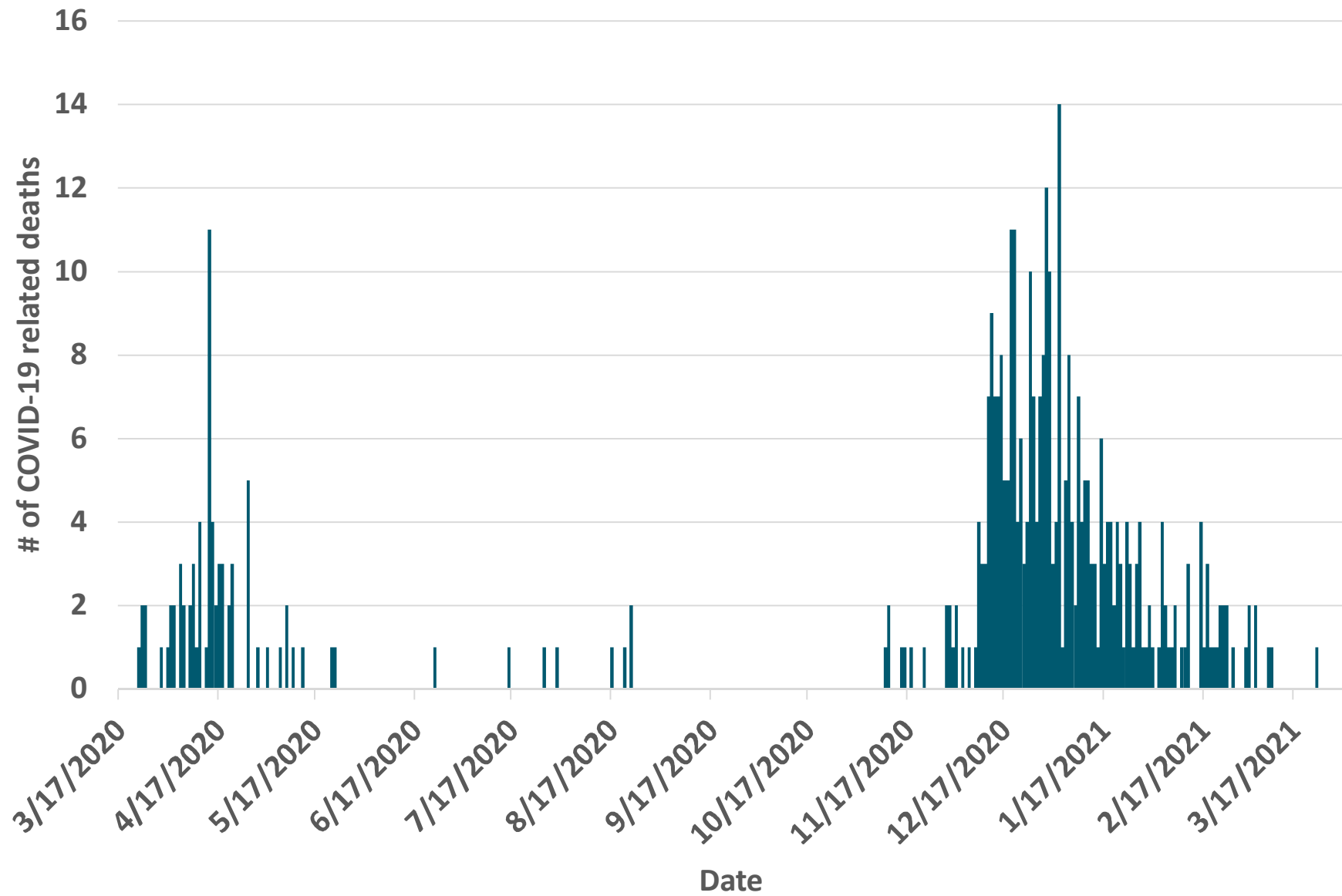
2021-04-03

Current Outcomes

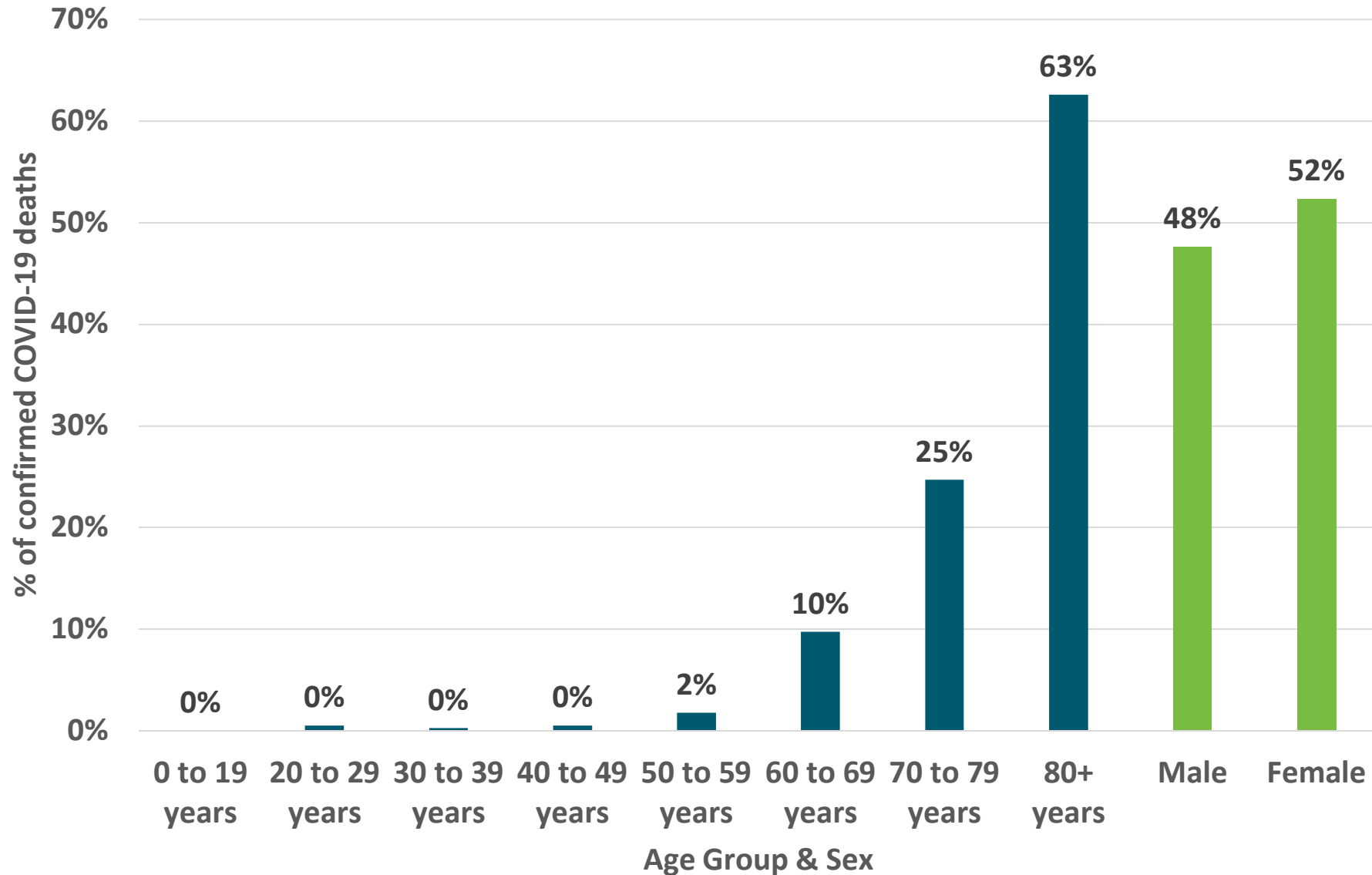


2021-04-03

Date of Deaths

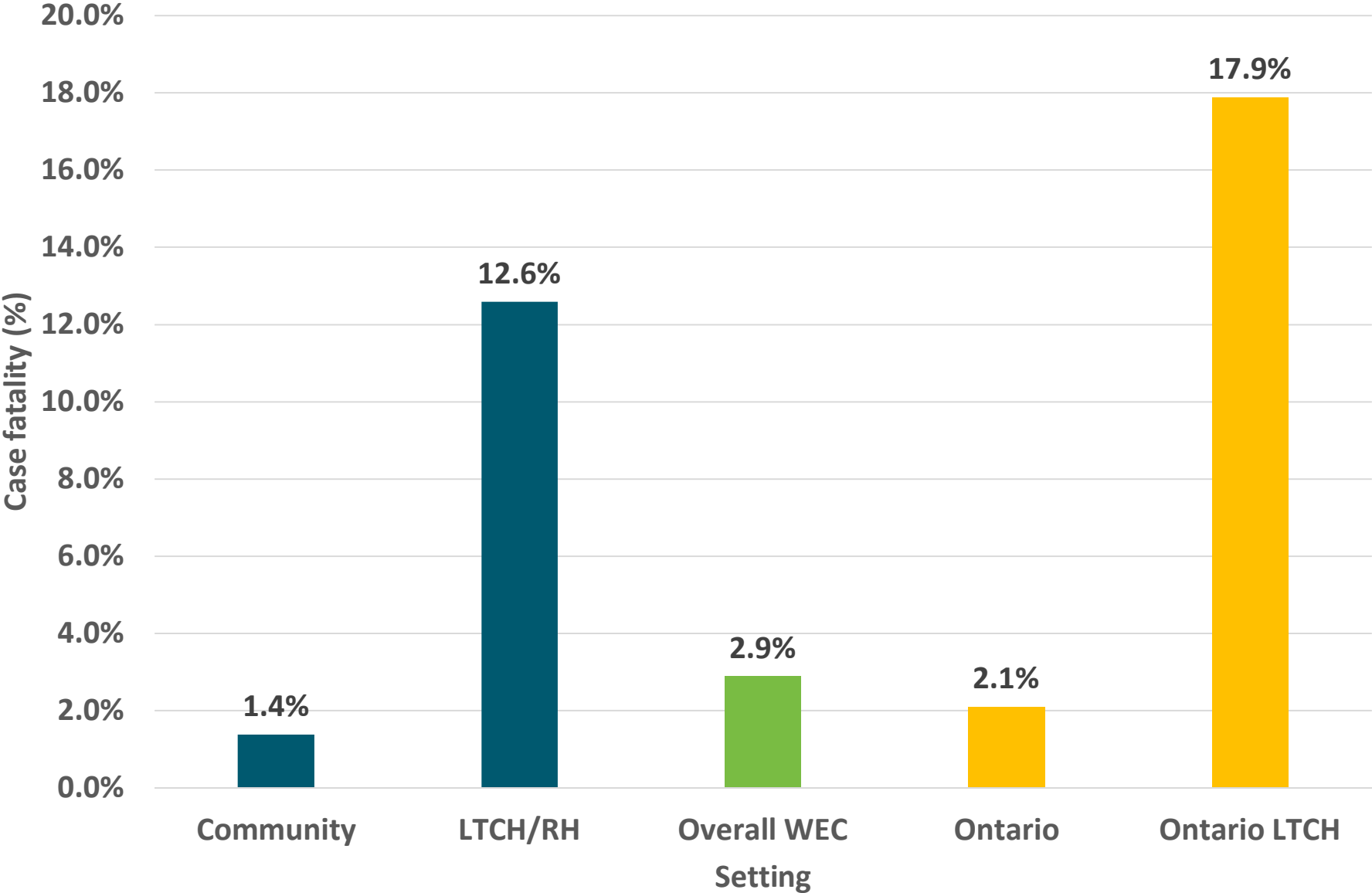


Age & Sex Breakdown of COVID-19 Deaths

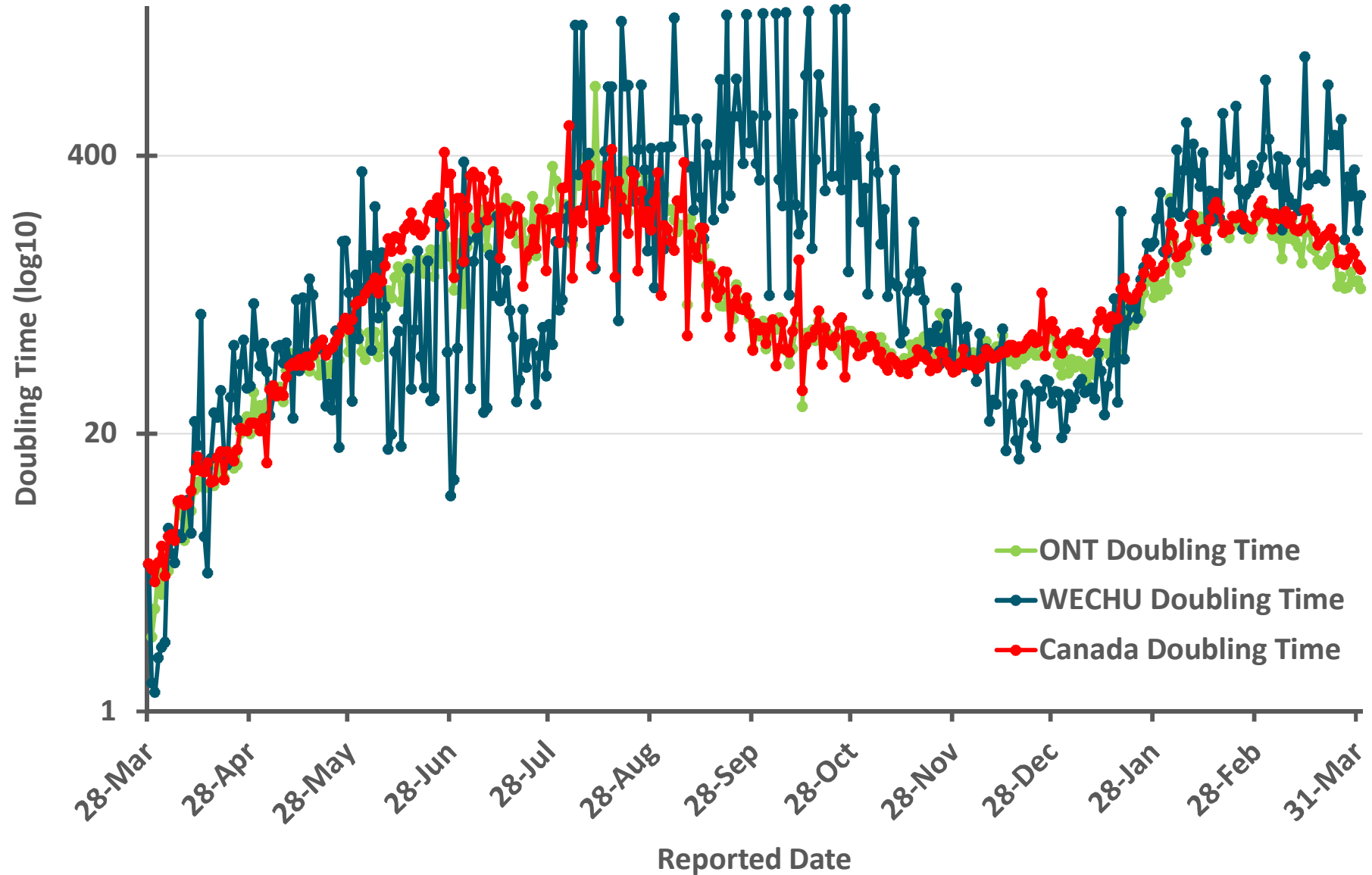


2021-04-03

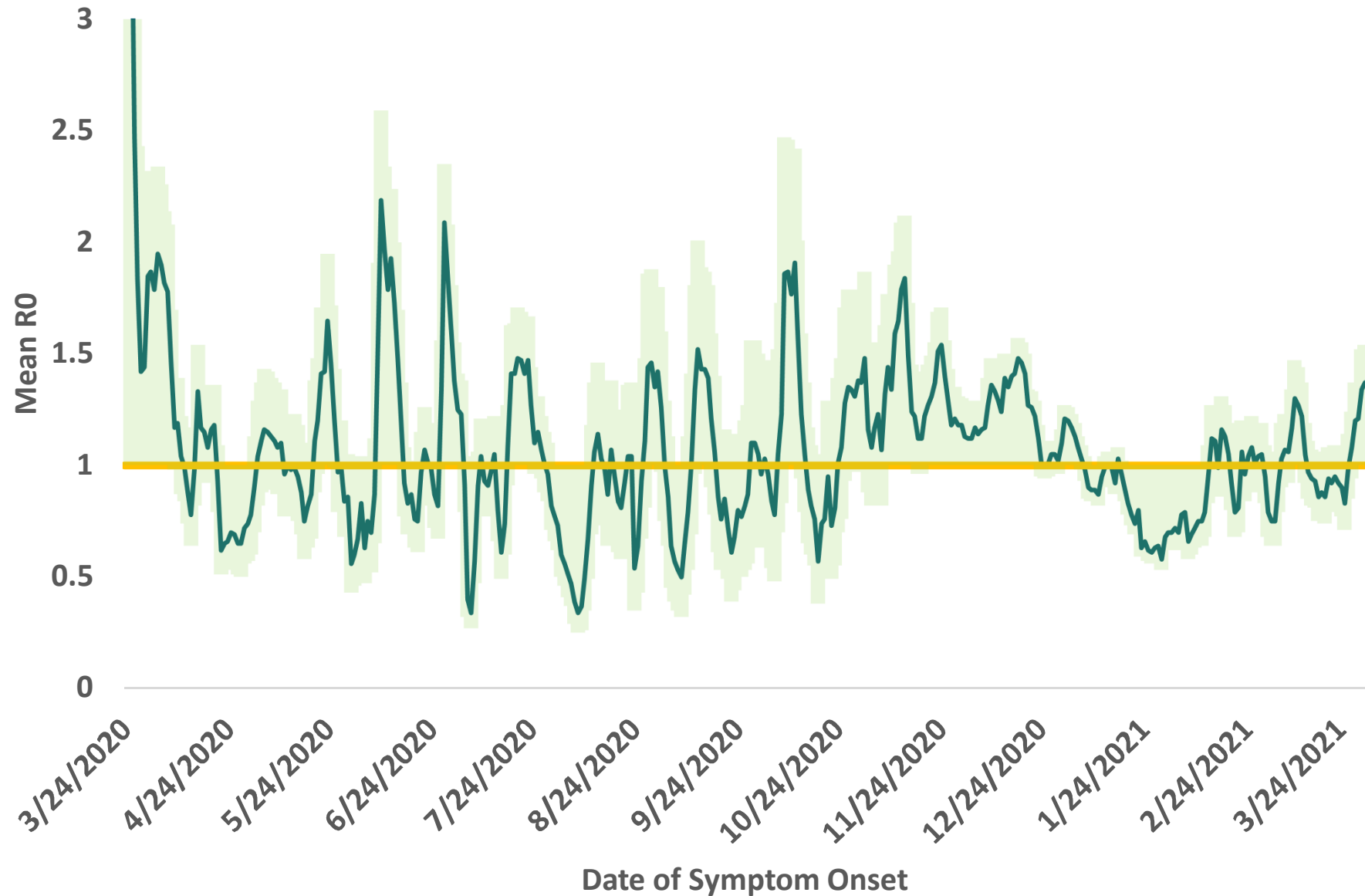
Case Fatality Rate



Doubling Time (Day over Day Comparison)



Median R0 (Effective)



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 remained low
- The number of active outbreaks has decreased from last week
- Doubling time in Windsor-Essex has worsened from last week

Summary of Monitoring Indicators for WEC

- Most recent completed weekly case rate = 47.8 cases/100,000 population
 - Most recent 7-day rate = **61.4 cases/100,000 population**
- Percent positivity = 3.7% (full week)
 - Most recent 7-days percent positivity = 3.3%
- R_0 (effective) = 1.37

Criteria for Orange	Criteria for Red
- Weekly case rate is 25 to 39.9 per 100,000 - Percent positivity is 1.3 to 2.4% - R_t is between 1 to 1.1	- Weekly case rate of 40 per 100,000 or more - Percent positivity is 2.5% or more - R_t is 1.2 or more