



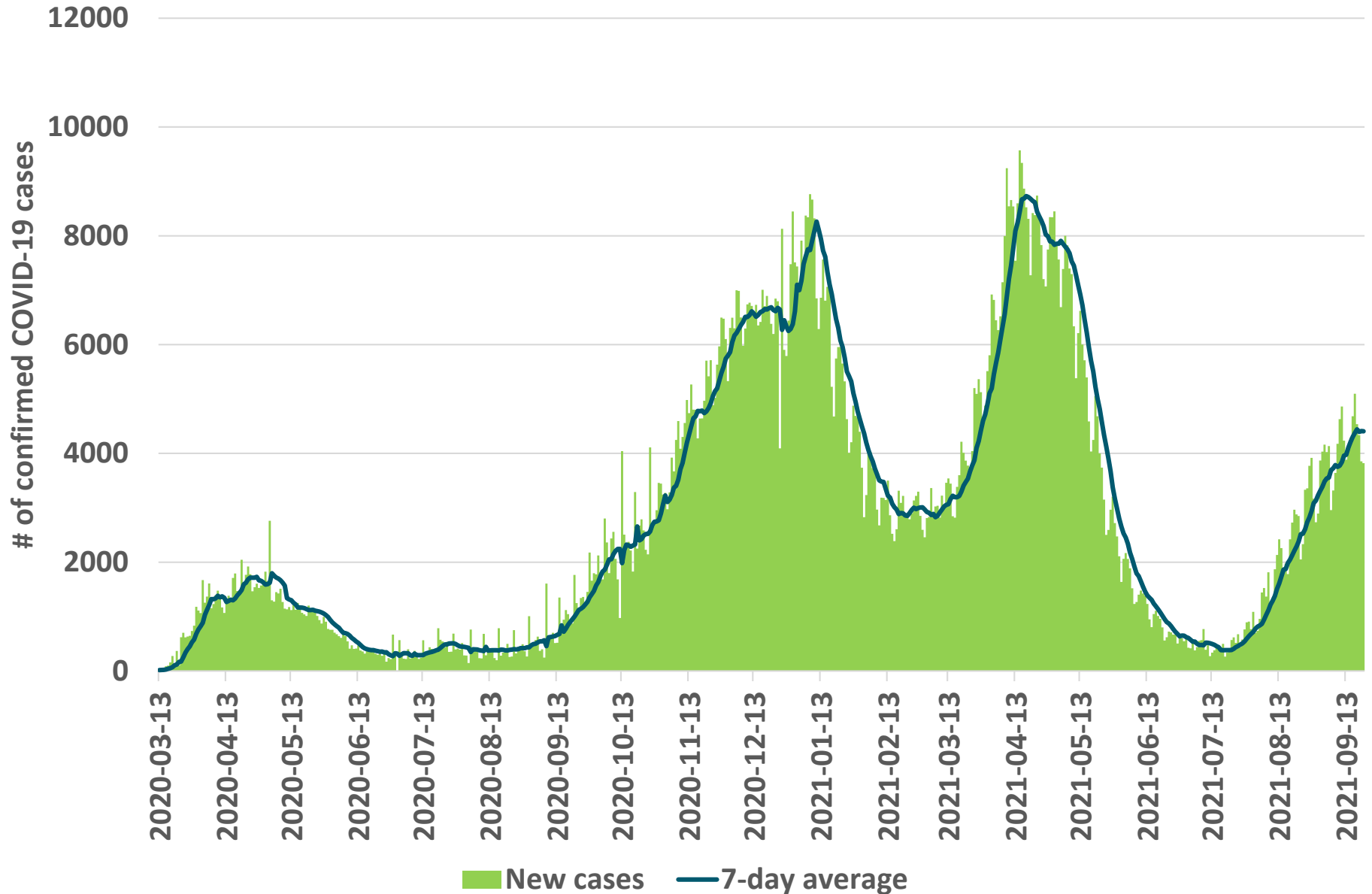
COVID-19 *LIVE UPDATE*

September 23, 2021

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

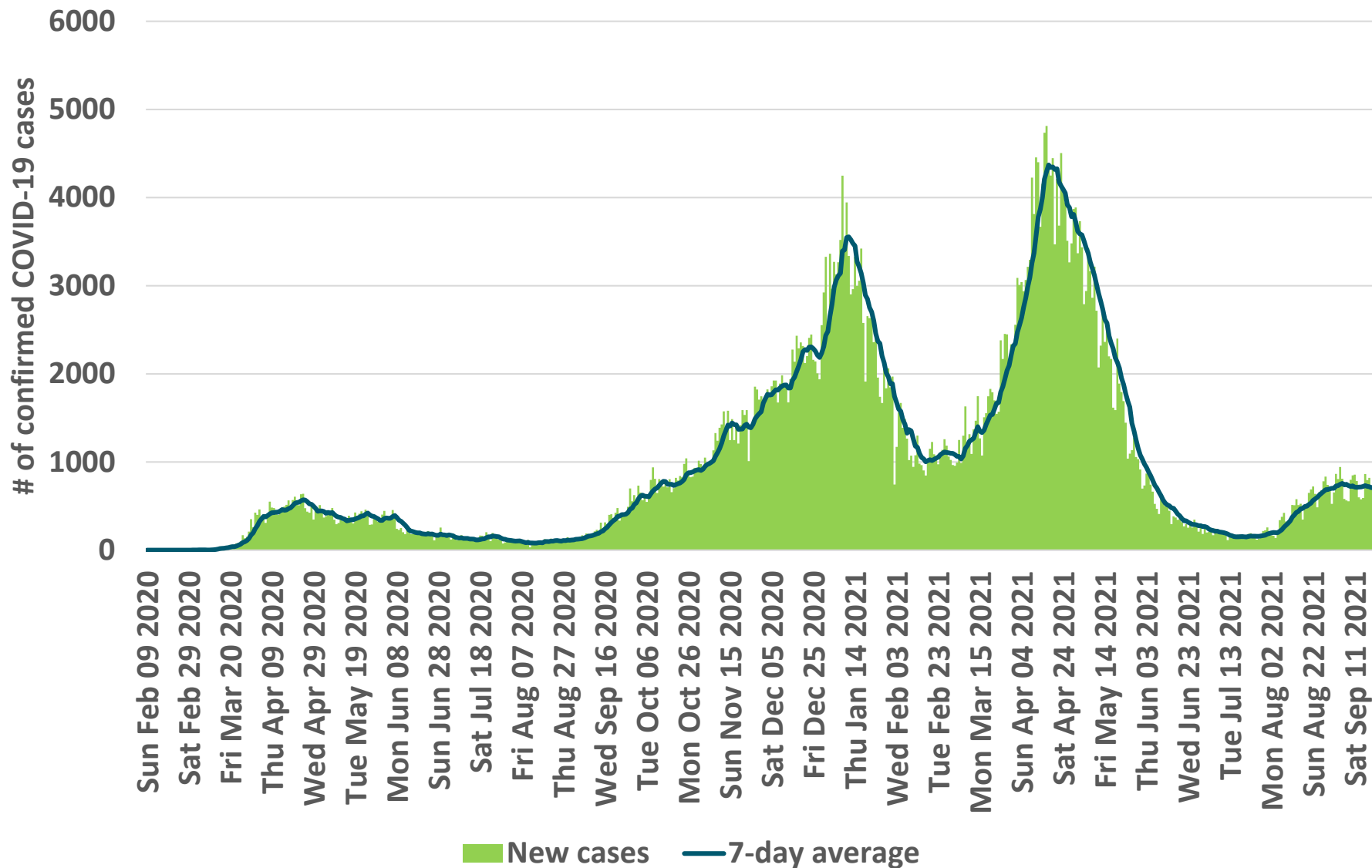
COVID-19 Cases in the Canada, Ontario, and Windsor-Essex

Epidemic Curve by Reported Date in Canada

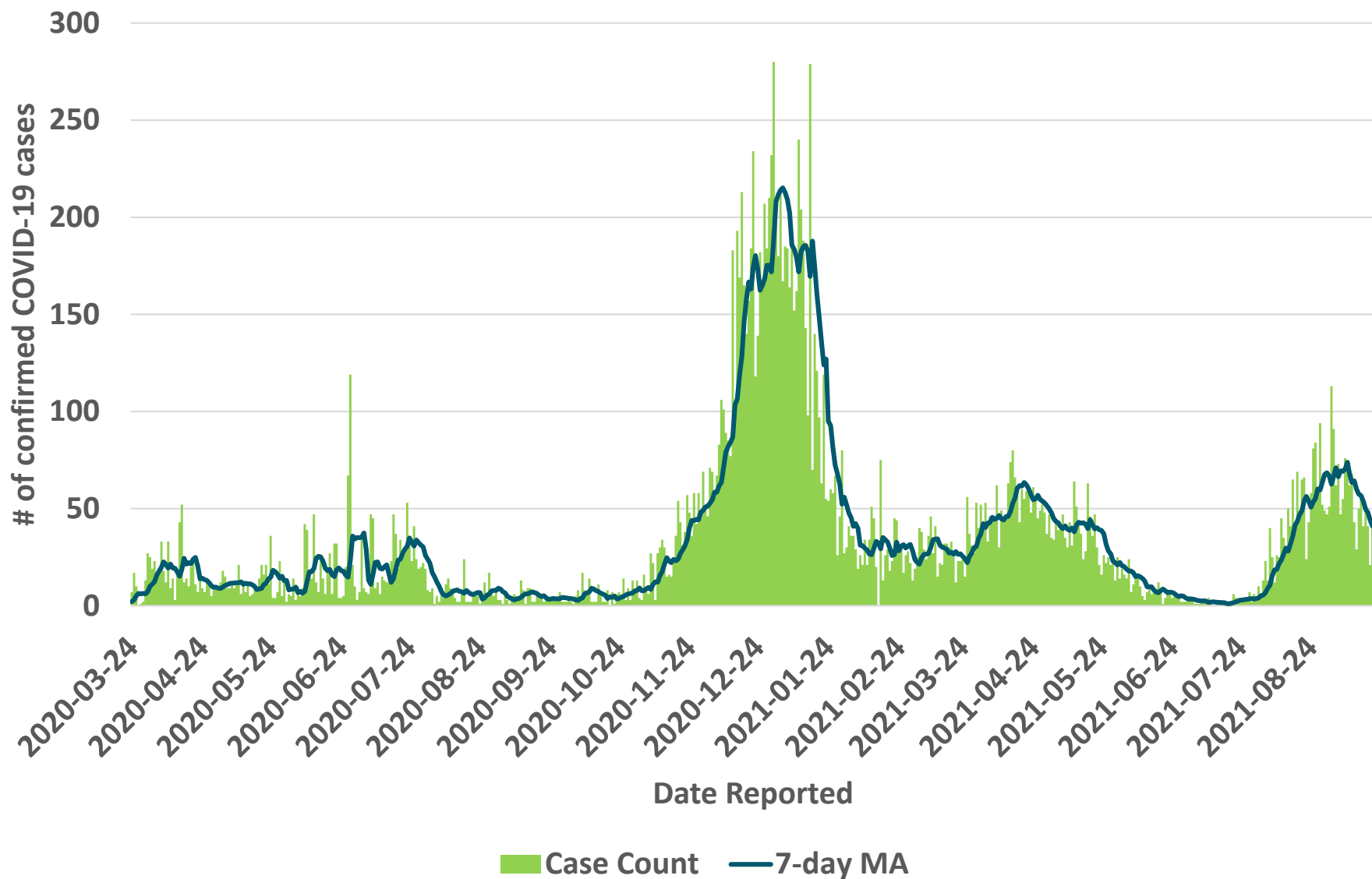


2021-09-24

Epidemic Curve by Reported Date in Ontario

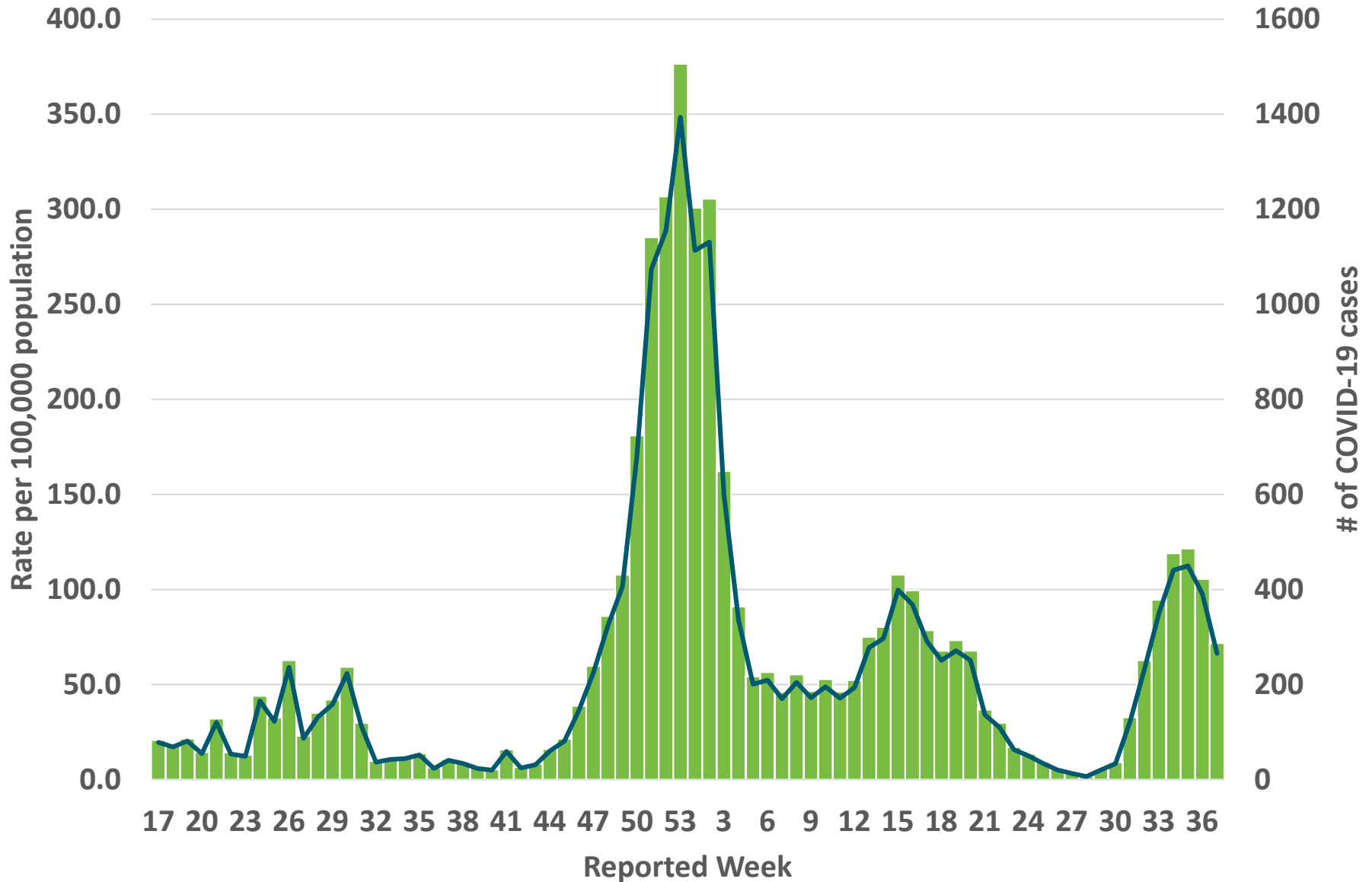


Epidemic Curve by Reported Date in Windsor-Essex



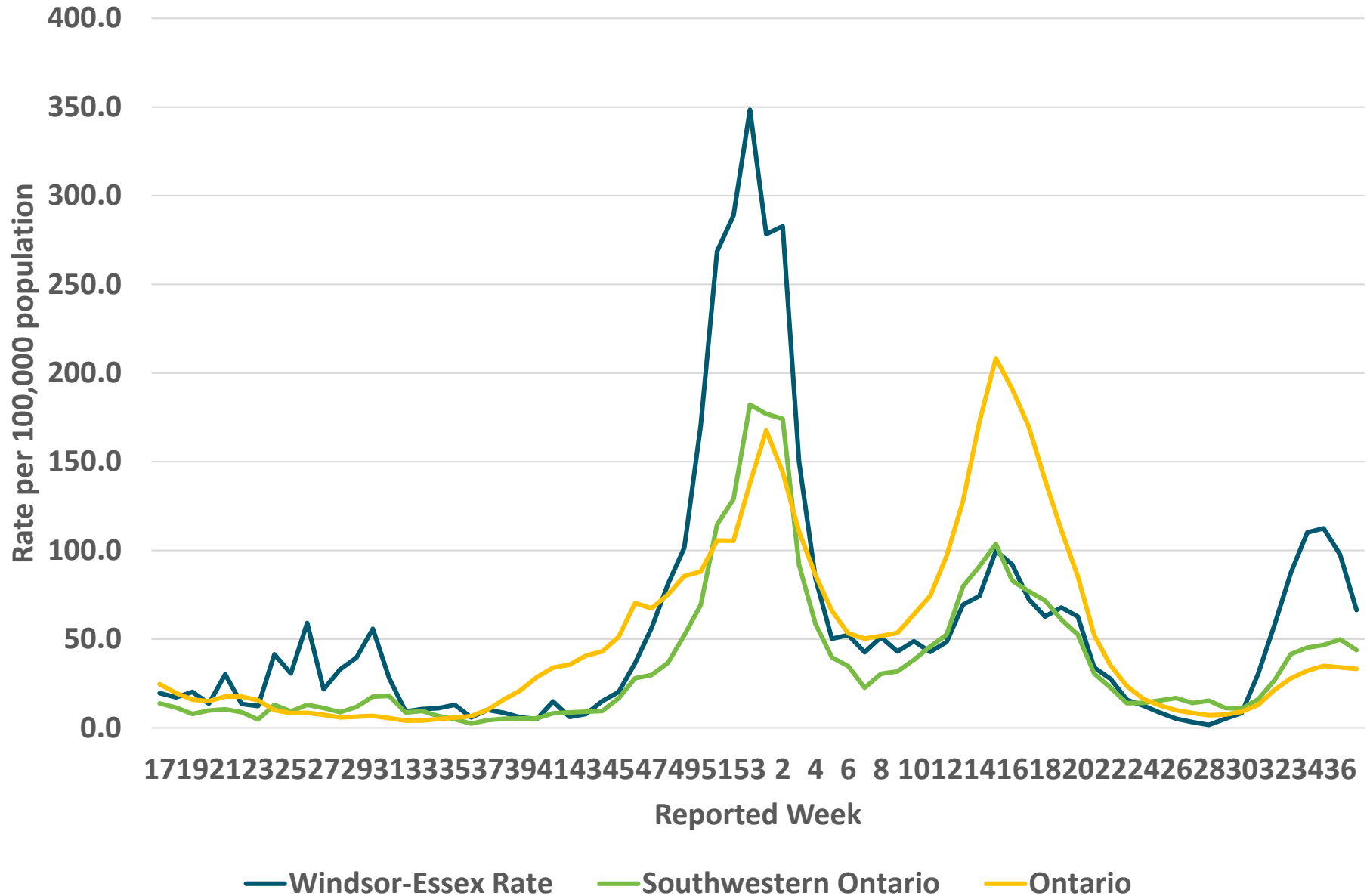
2021-09-24

Windsor-Essex Rate by Reported Week

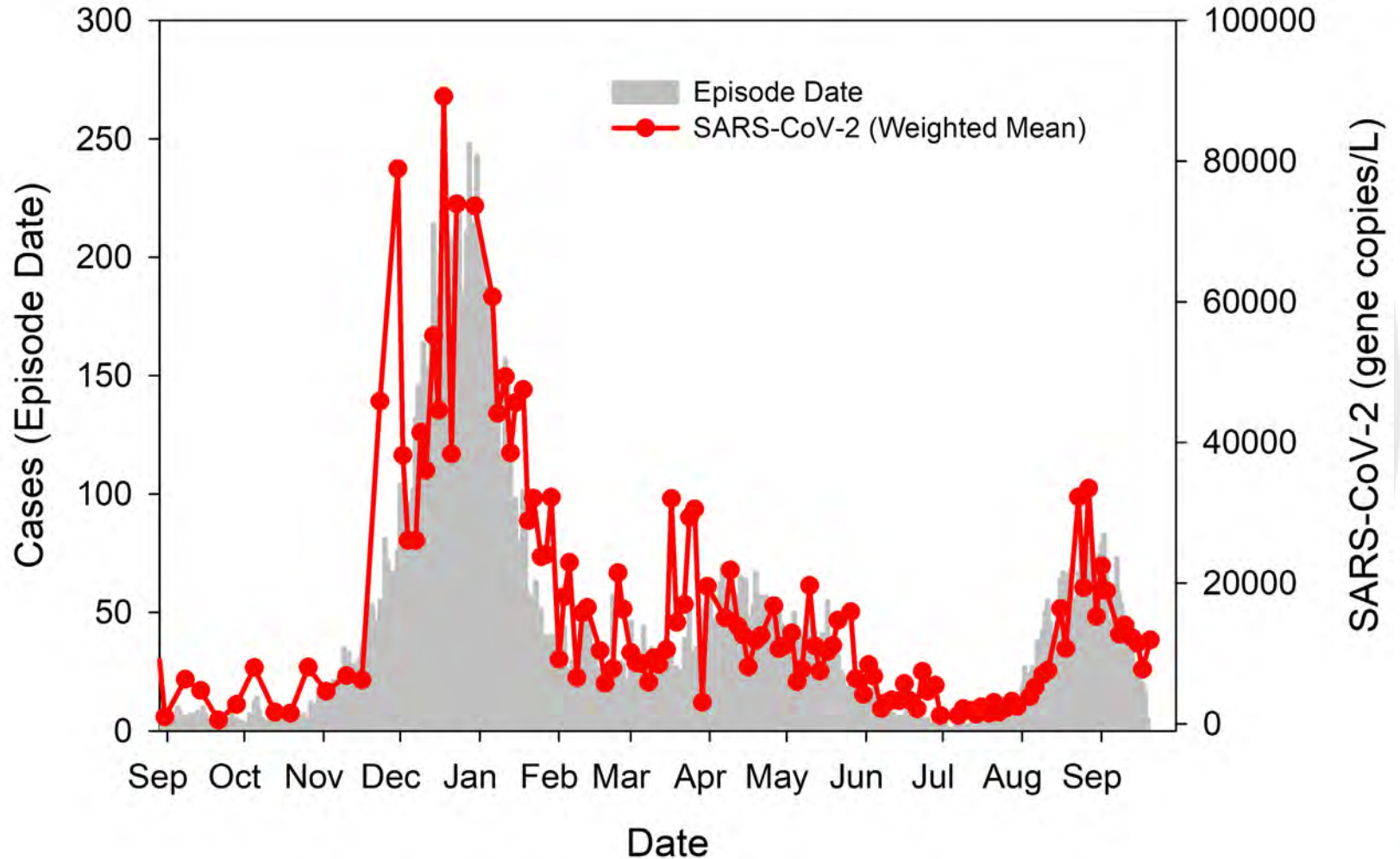


2021-09-24

Weekly Comparison of Rates in Ontario



Windsor-Essex Wastewater Data



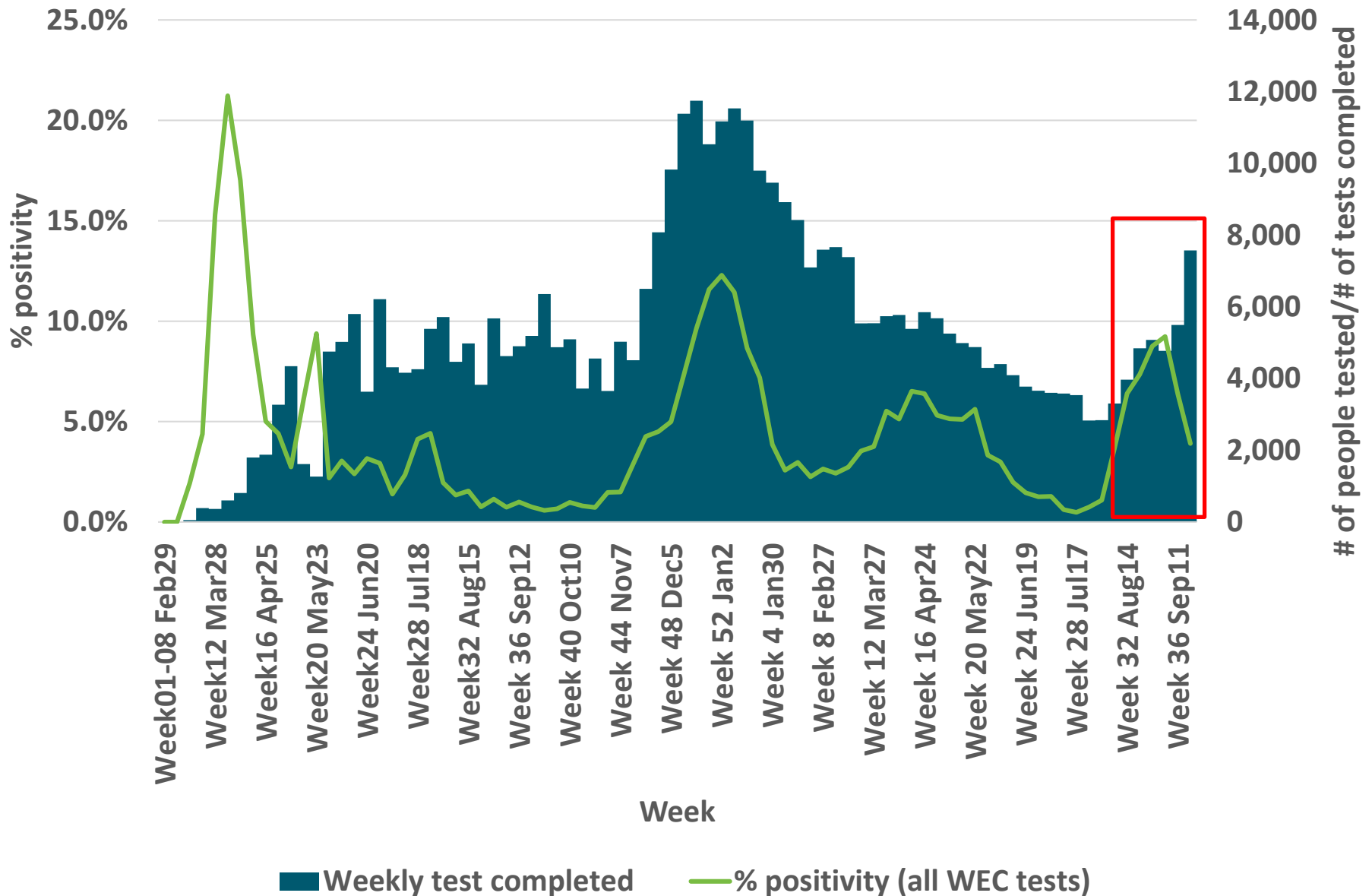
GLIER
GREAT LAKES INSTITUTE FOR
ENVIRONMENTAL RESEARCH
at the University of Windsor



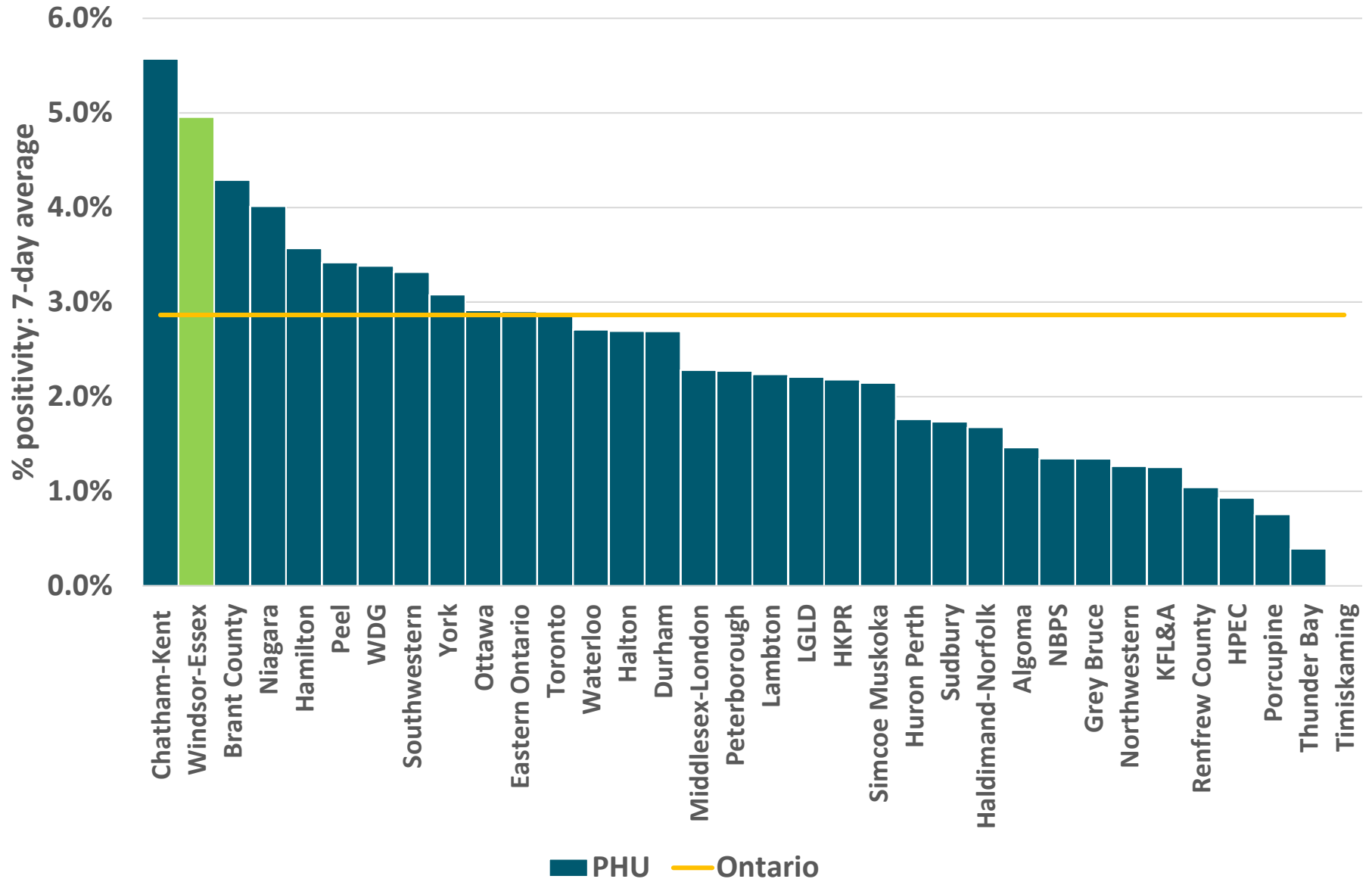
University
of Windsor

uwindsor.ca/GLIER

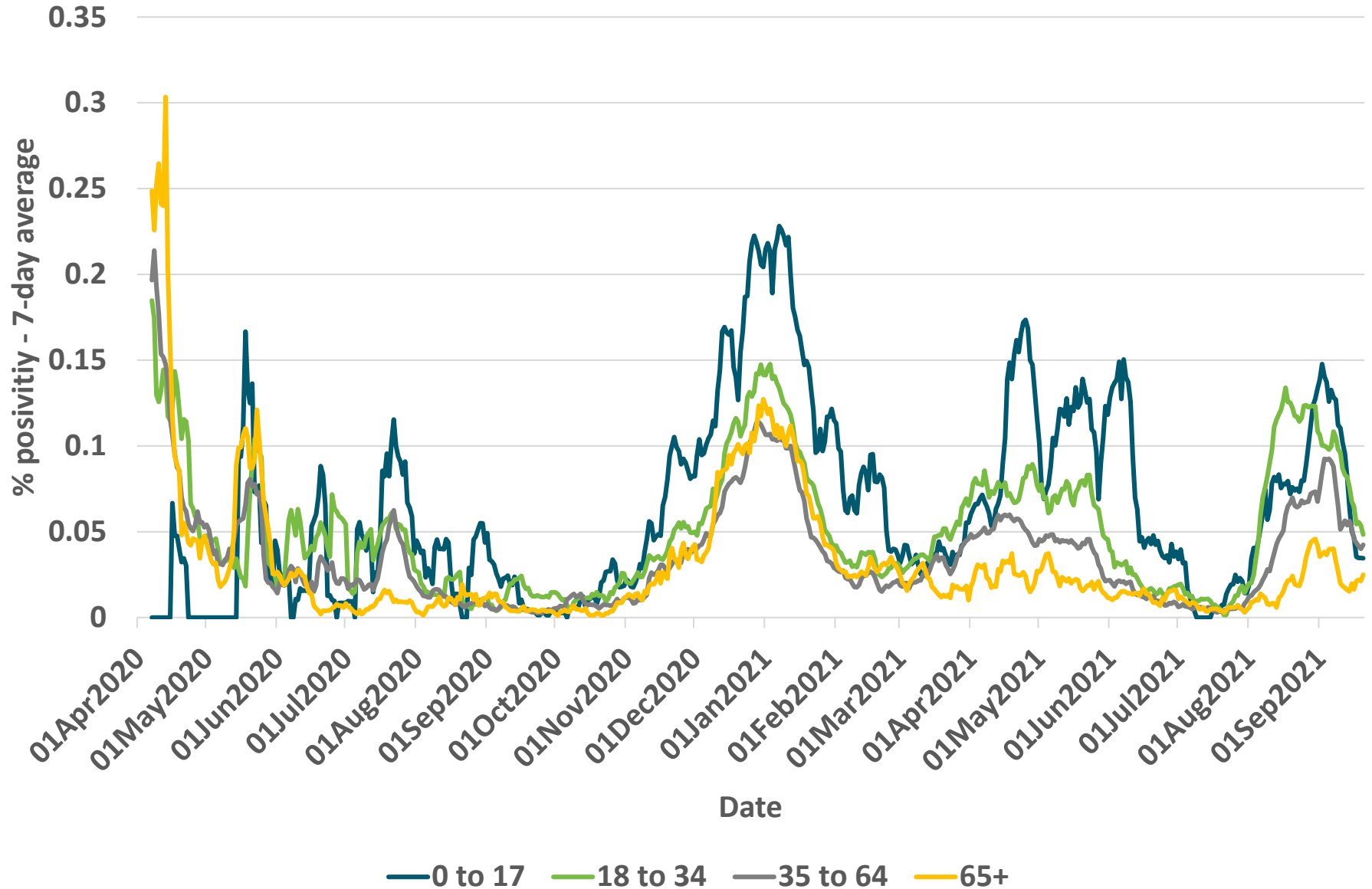
Percent Positivity by Week by All Tests



% Positivity in Ontario: 7-Day Average

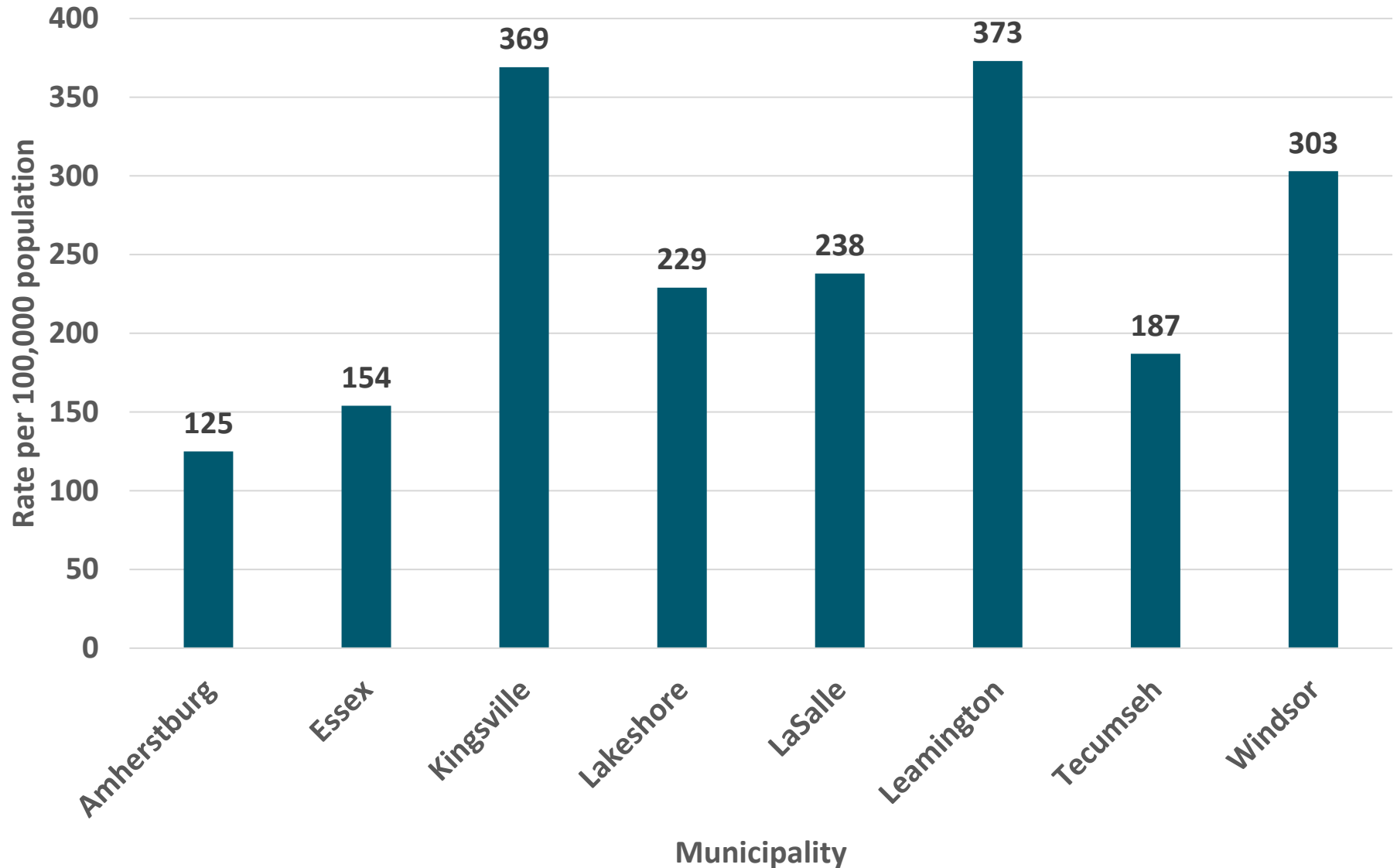


% Positivity in Windsor-Essex by Age: 7-Day Average

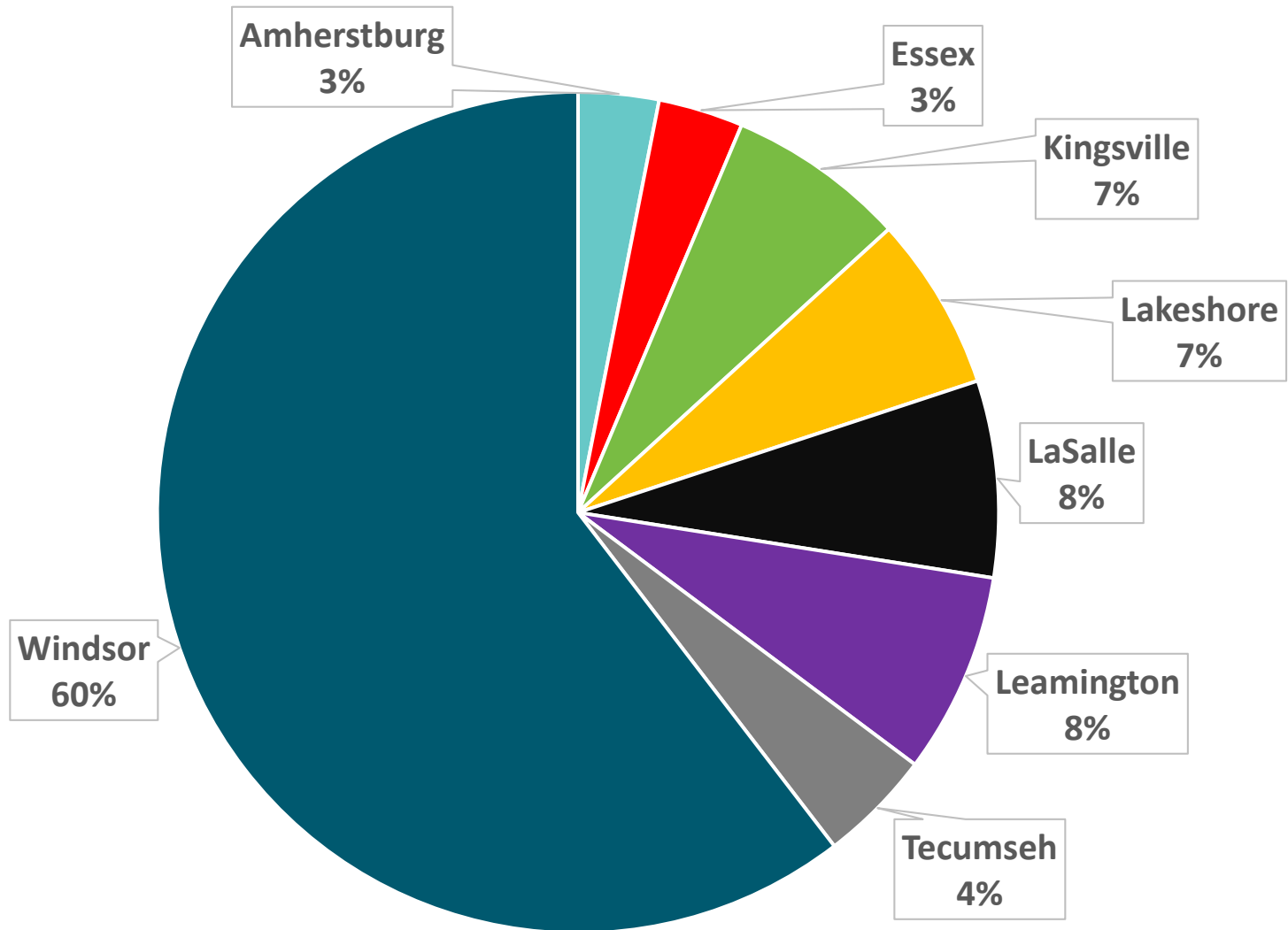


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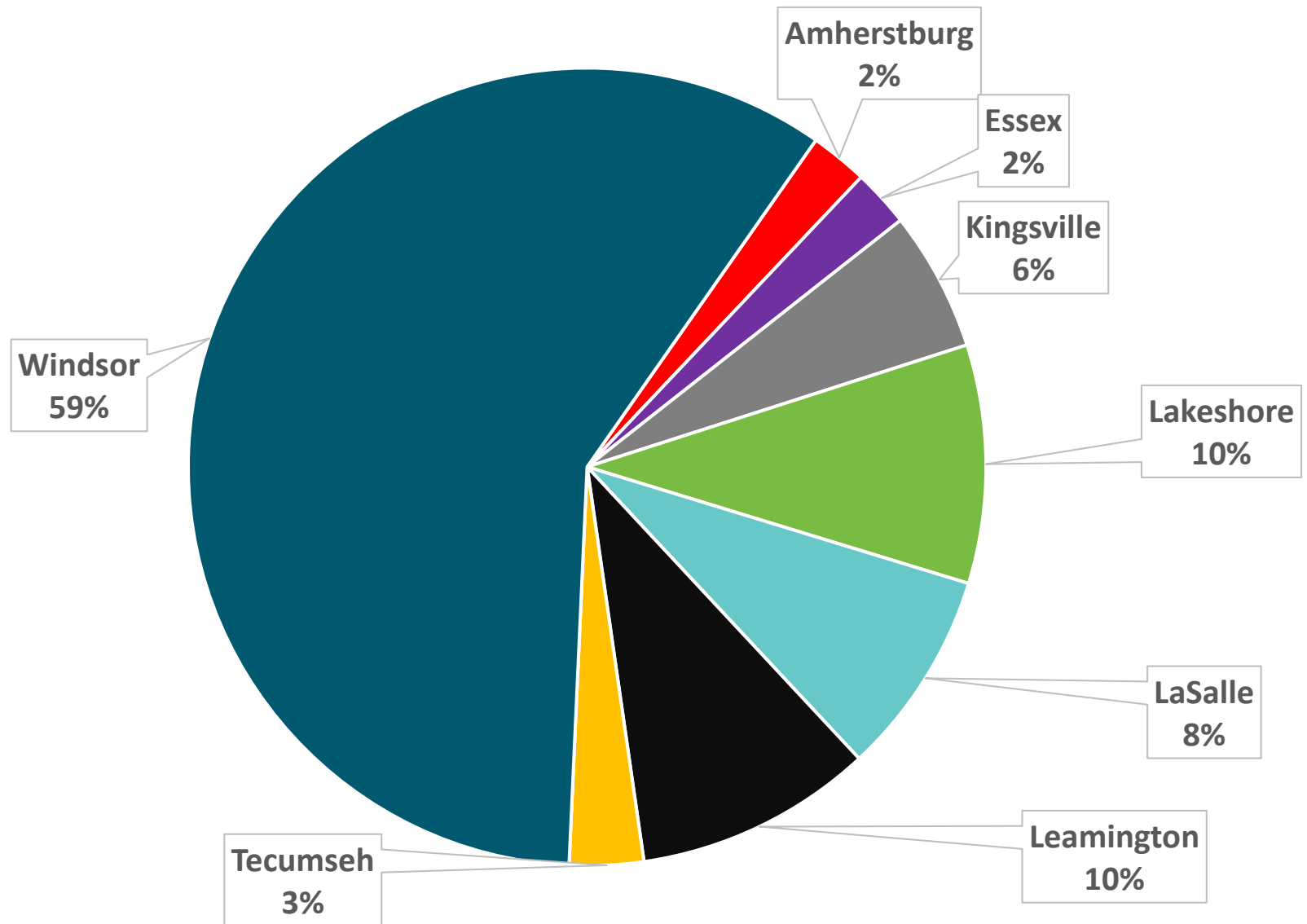
Rate per 100,000 by Municipality (September to Present)



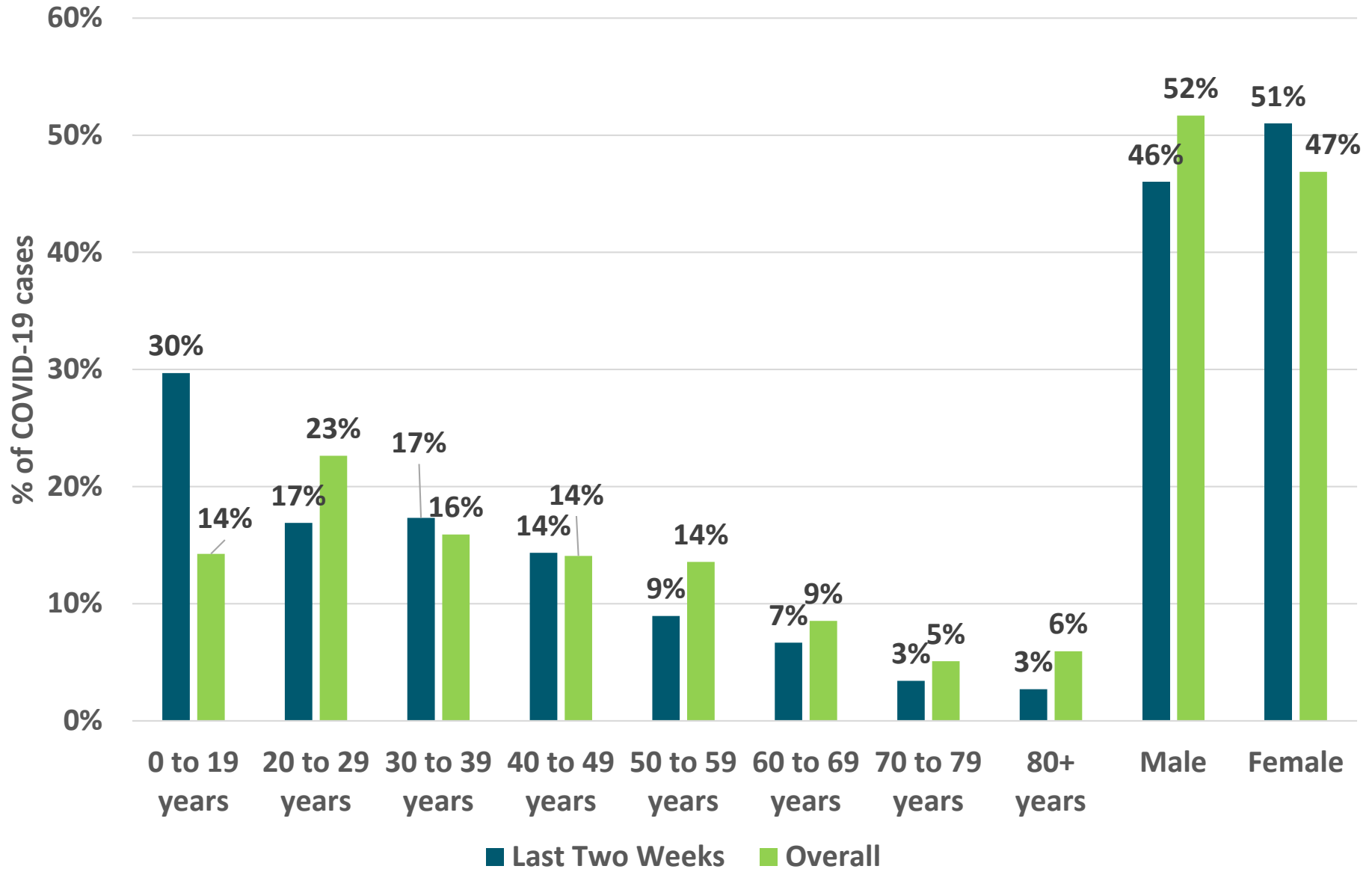
Distribution of COVID-19 Cases by Municipality in last 30 days (August 23 to September 21)



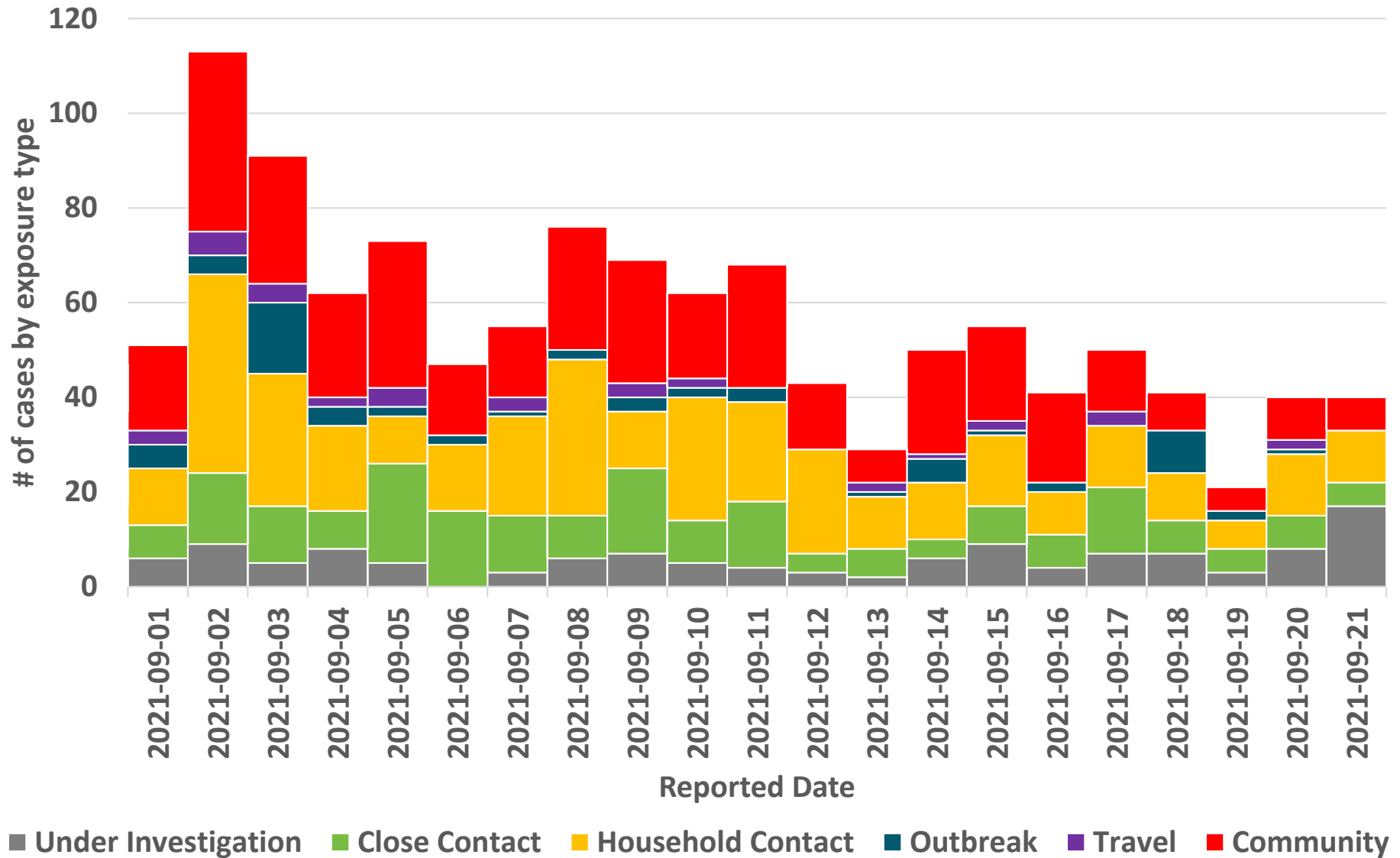
Distribution of COVID-19 Cases by Municipality in last 7 days (September 15 to September 21)



Age & Sex Distribution

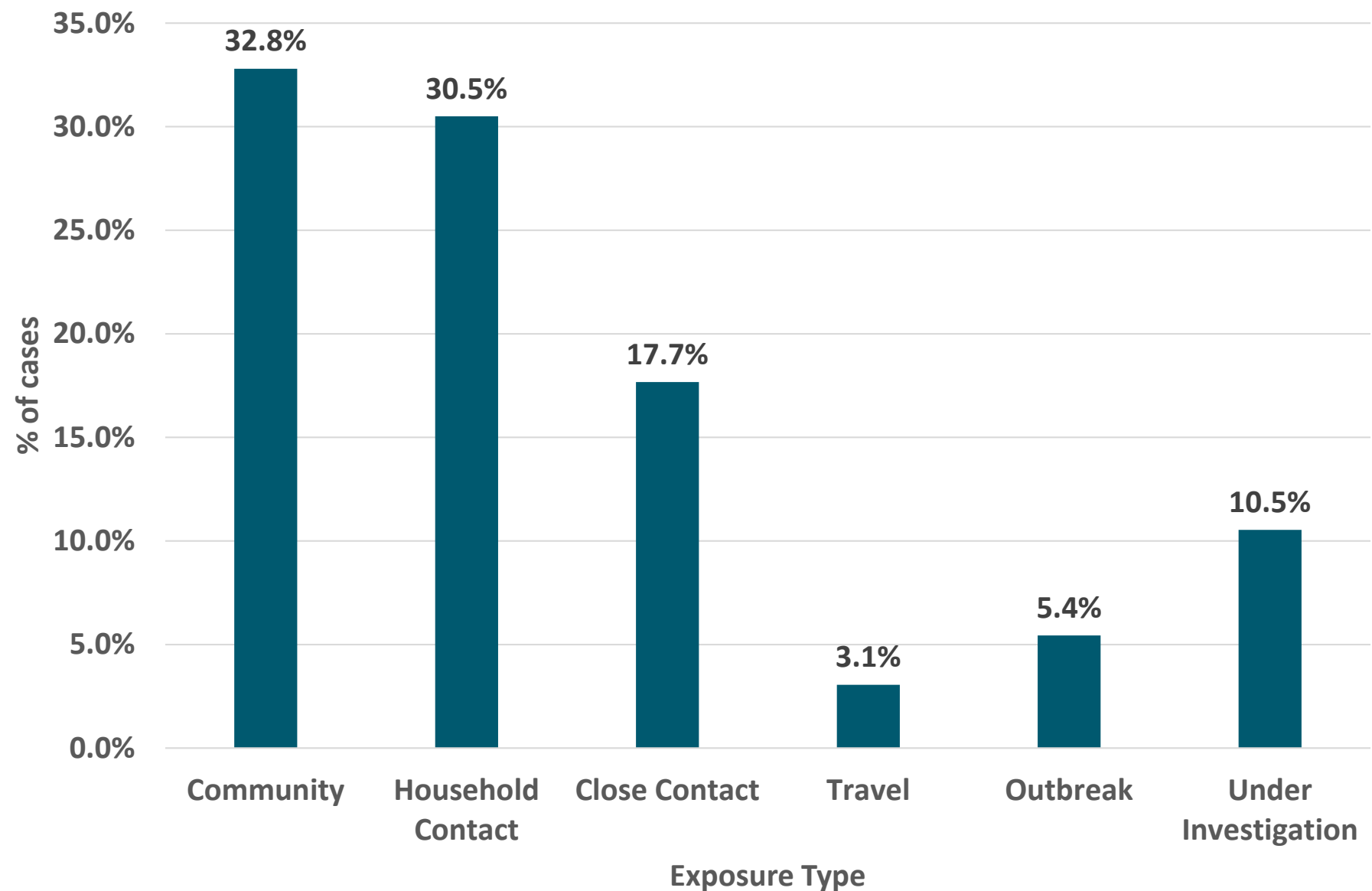


Exposure History by Reported Date (September to Present)

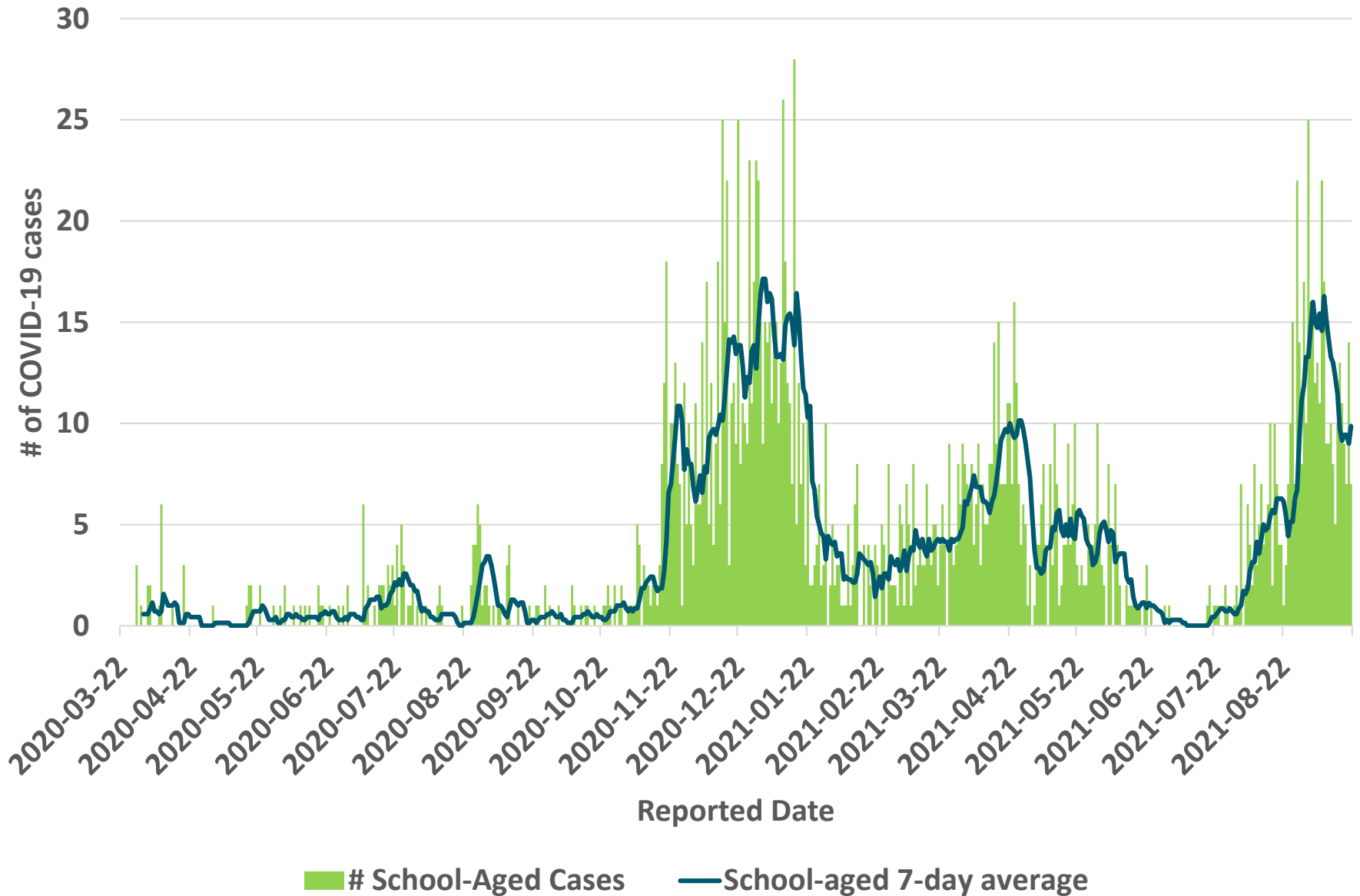


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Source of Acquisition (September to Present)

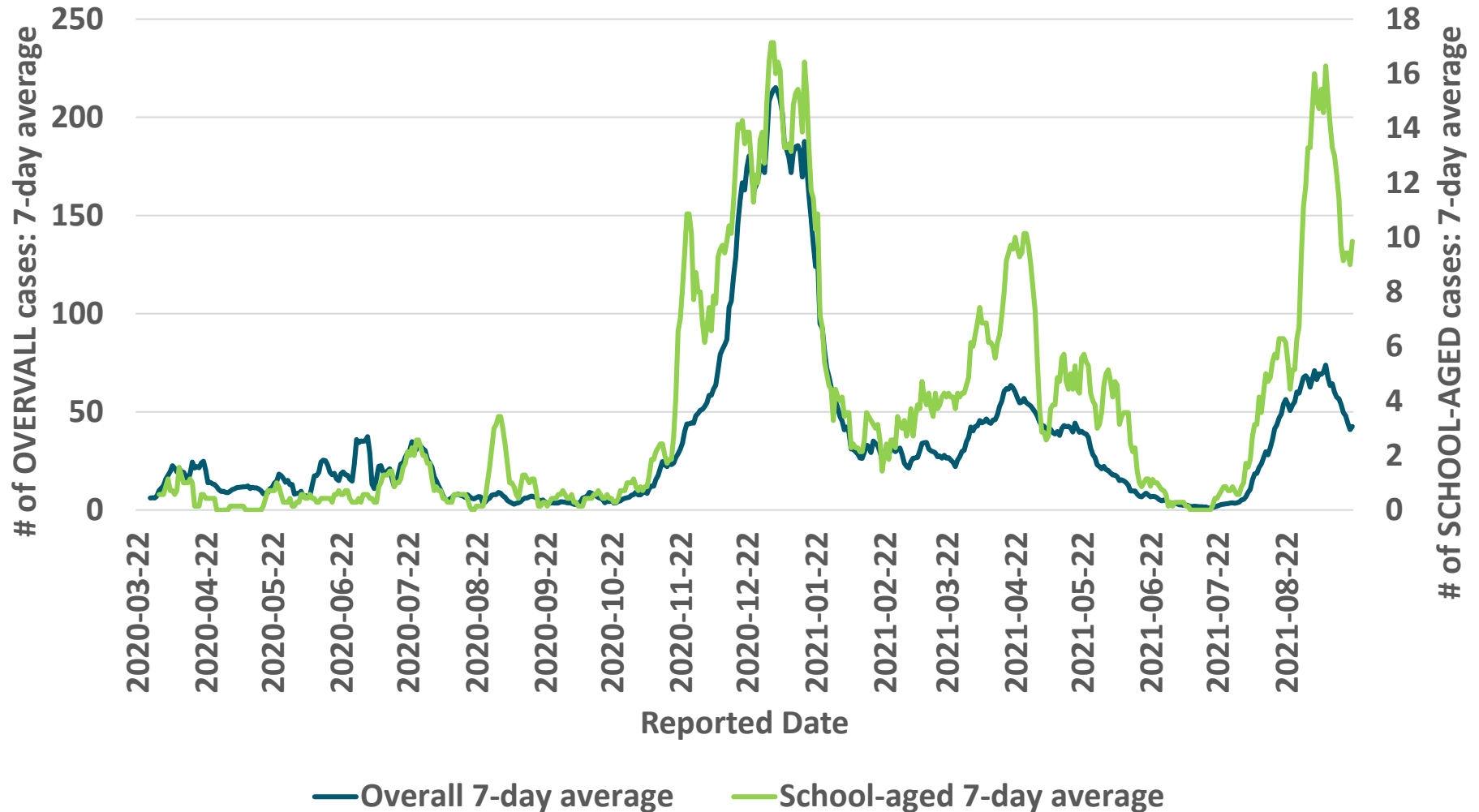


Epidemic Curve of School-Aged Cases



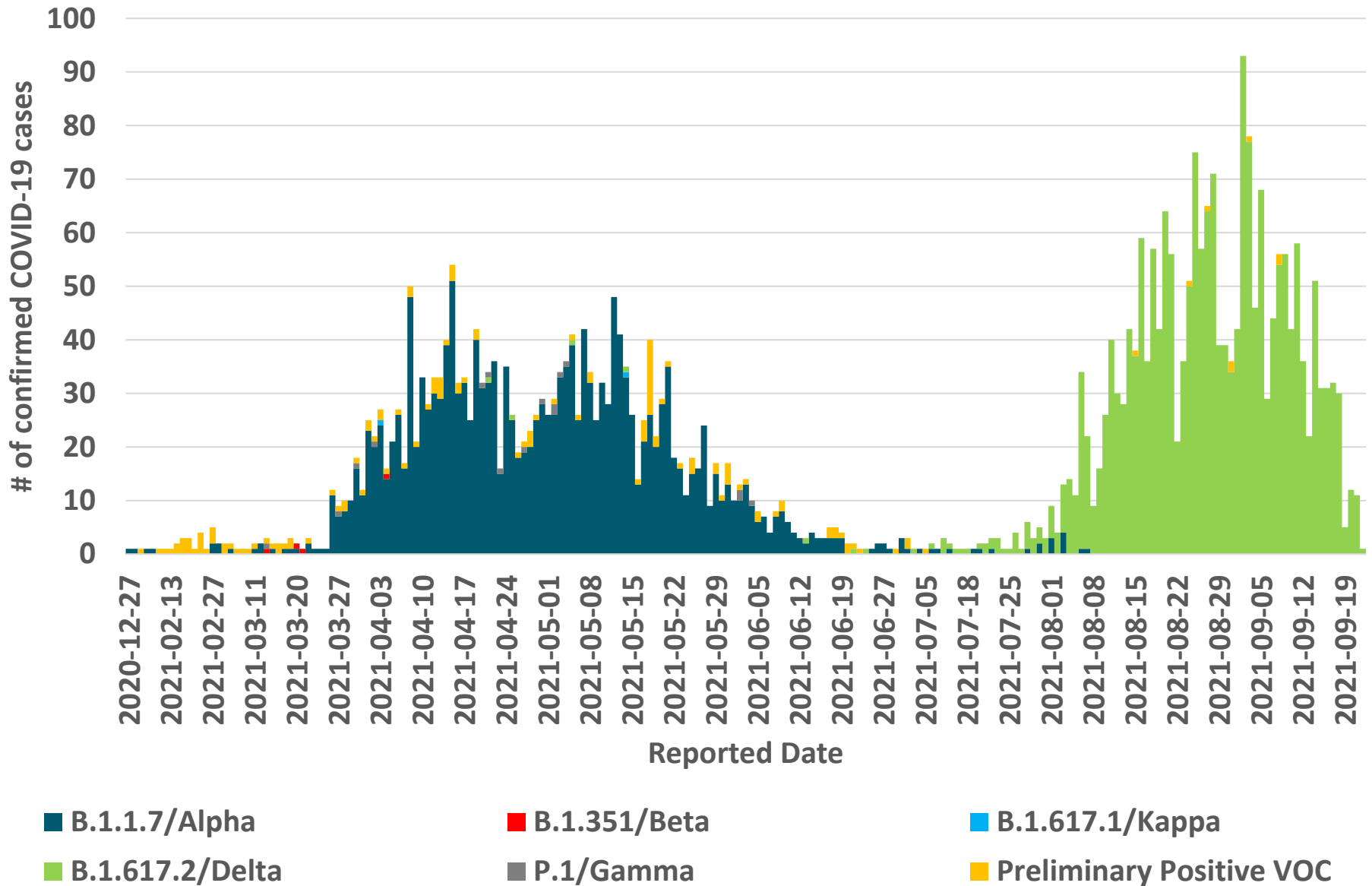
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7-Day Average Comparison Between School-Aged Children & Overall Windsor-Essex Population



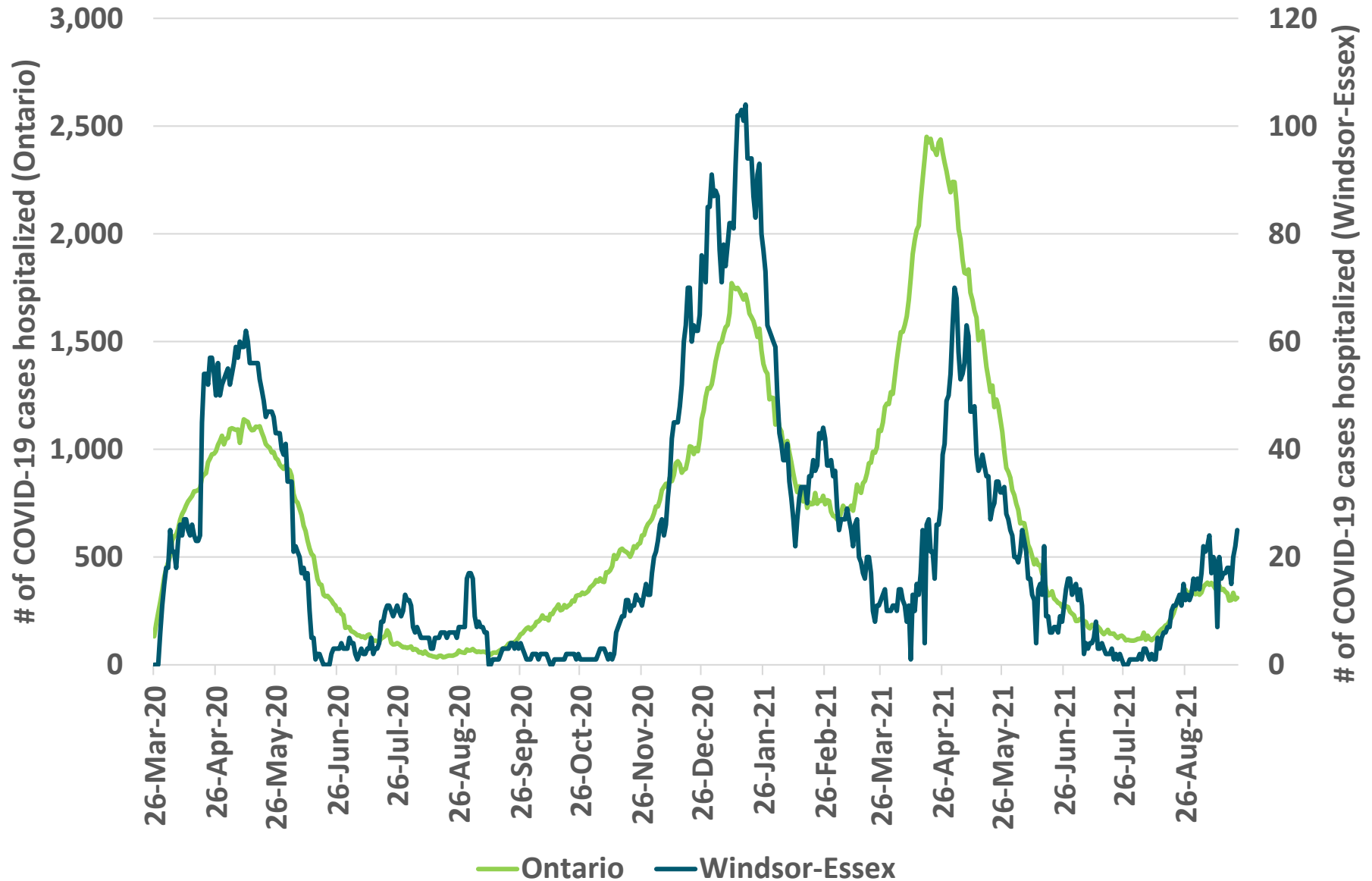
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Variants of Concern by Reported Date



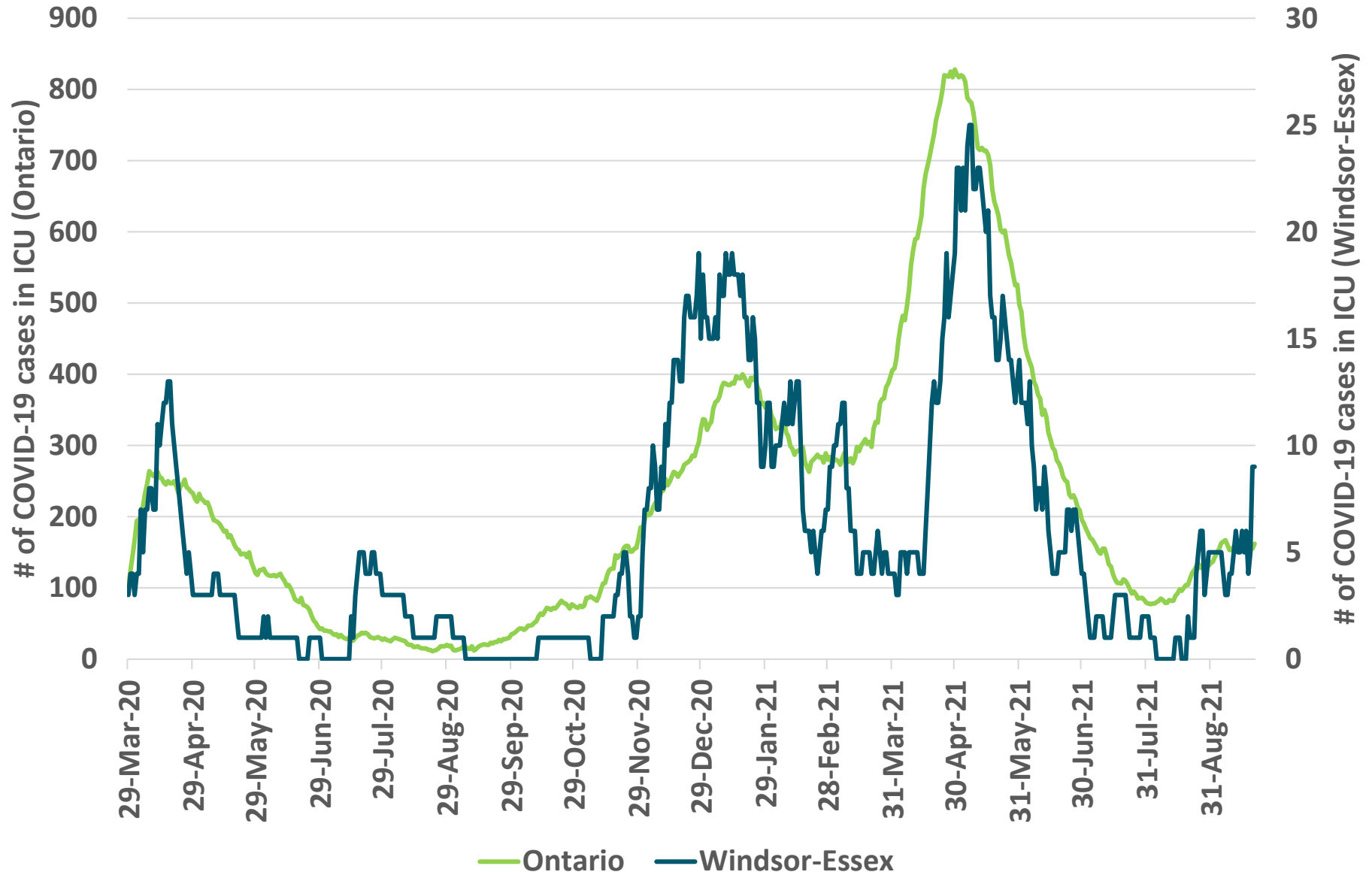
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COVID-19 In-Patient Hospitalizations

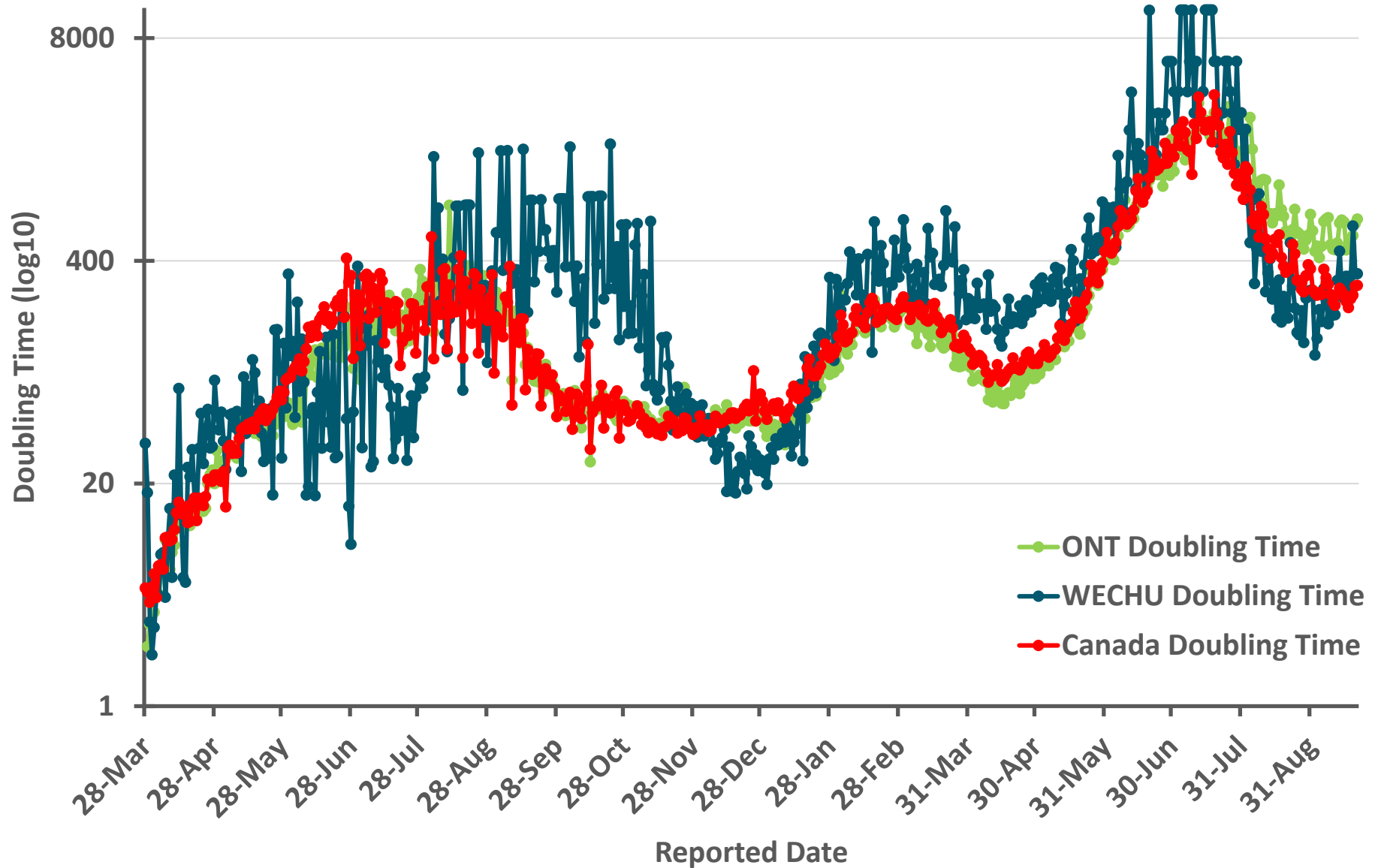


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COVID-19 ICU

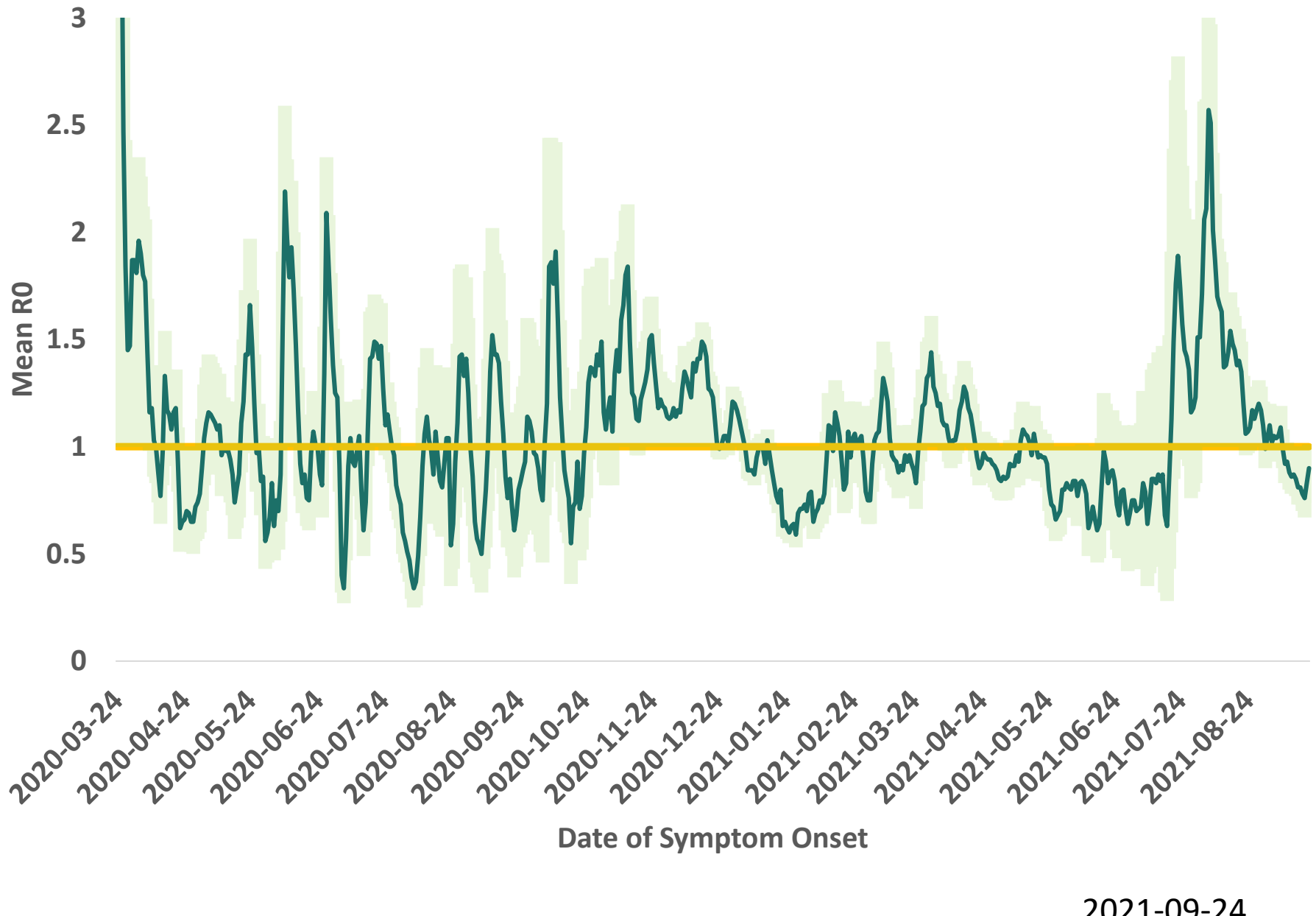


Doubling Time (Day over Day Comparison)



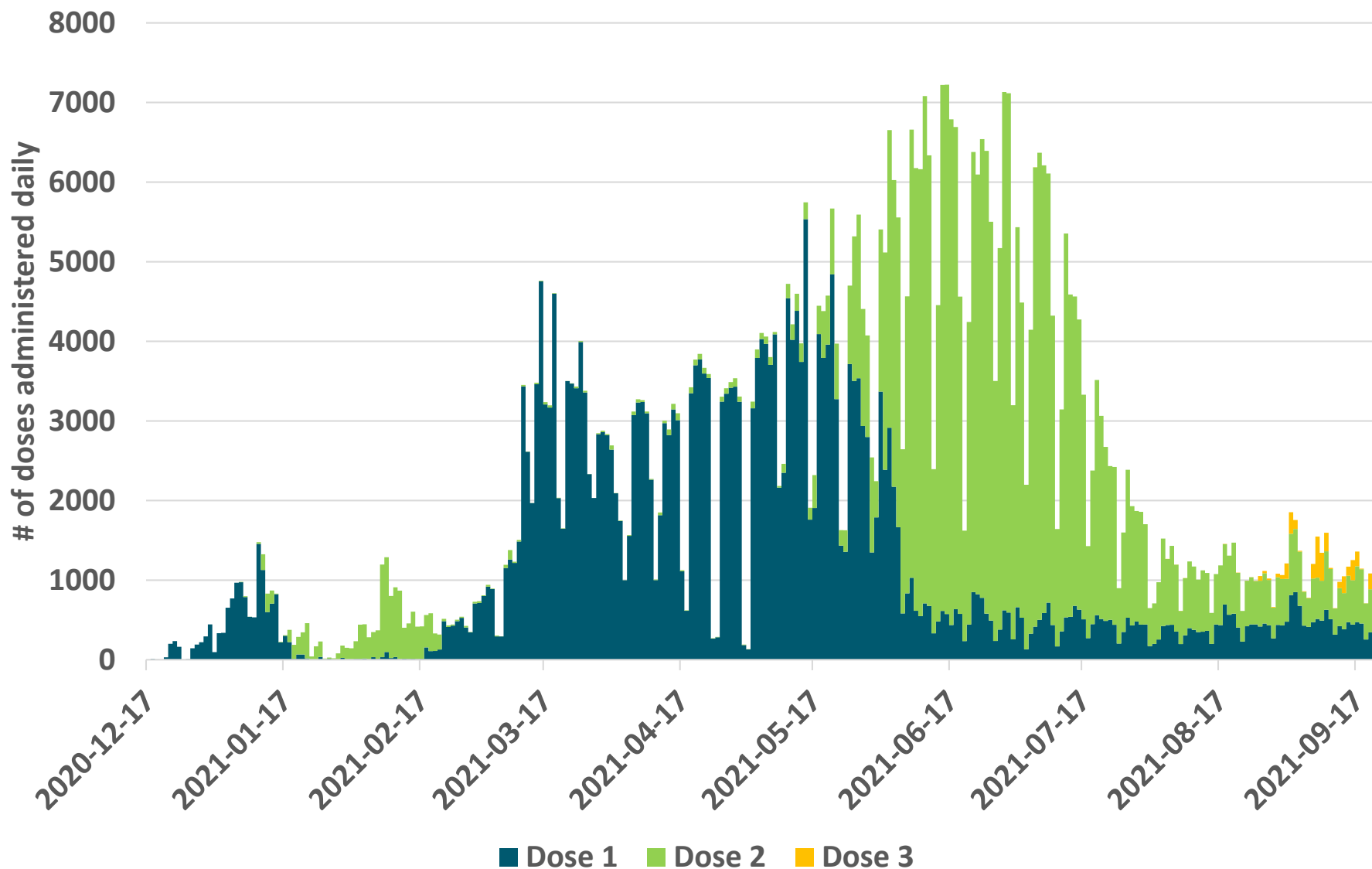
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Median R0 (Effective)



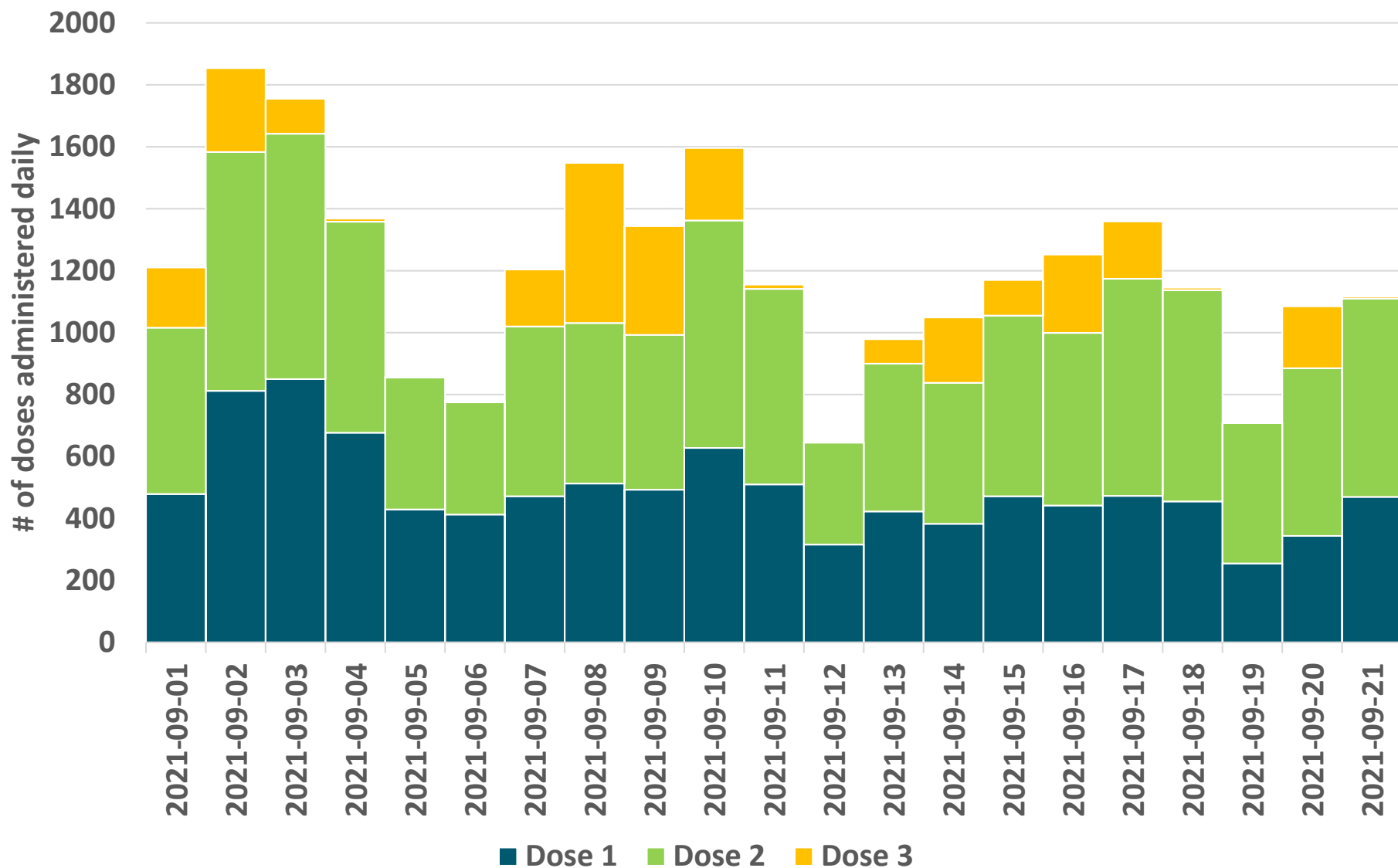
COVID-19 Vaccine Status

Number of Vaccine Doses Administered Daily to Windsor-Essex Residents



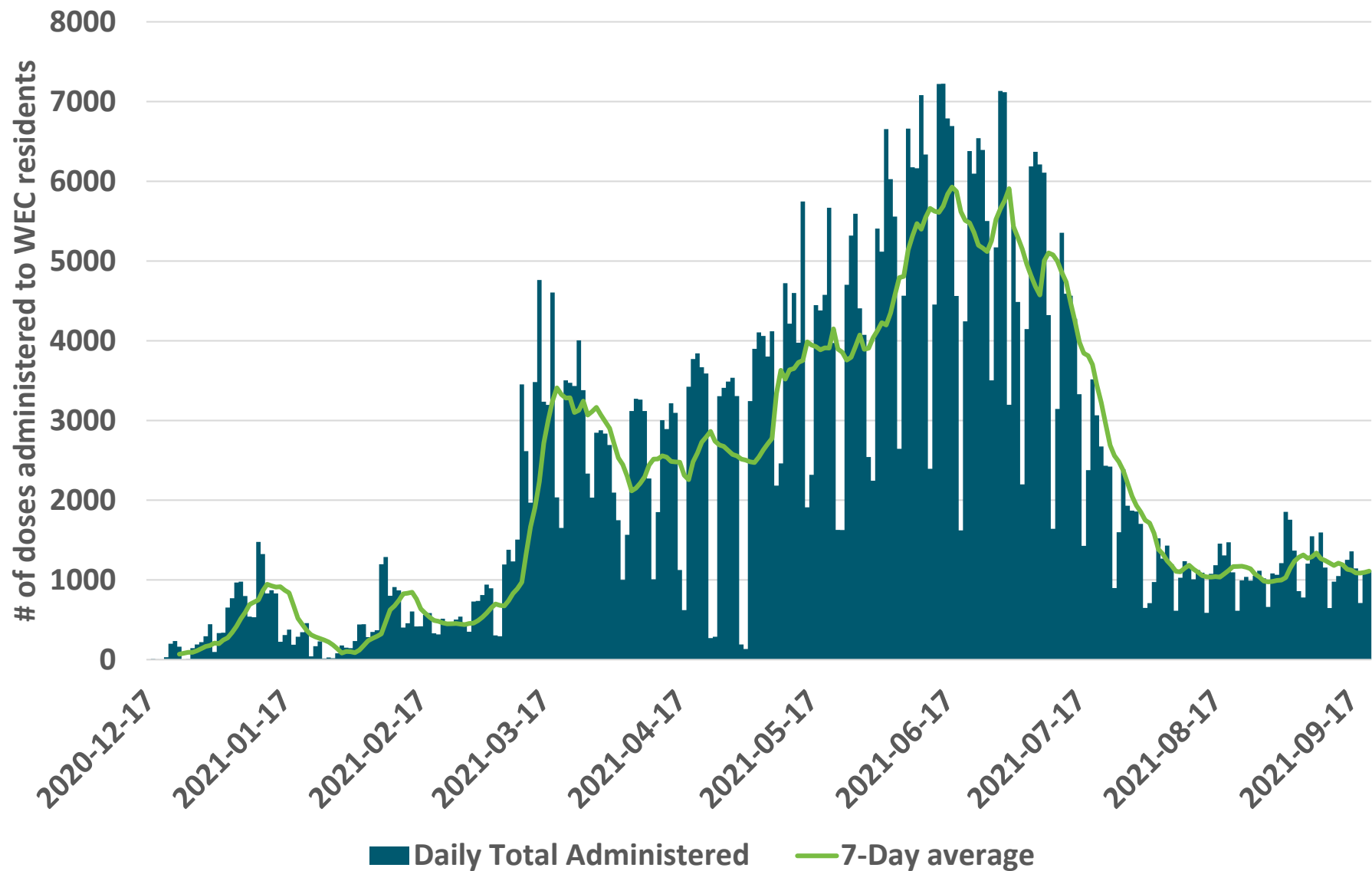
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Number of Vaccine Doses Administered Daily to Windsor-Essex Residents (September to Present)



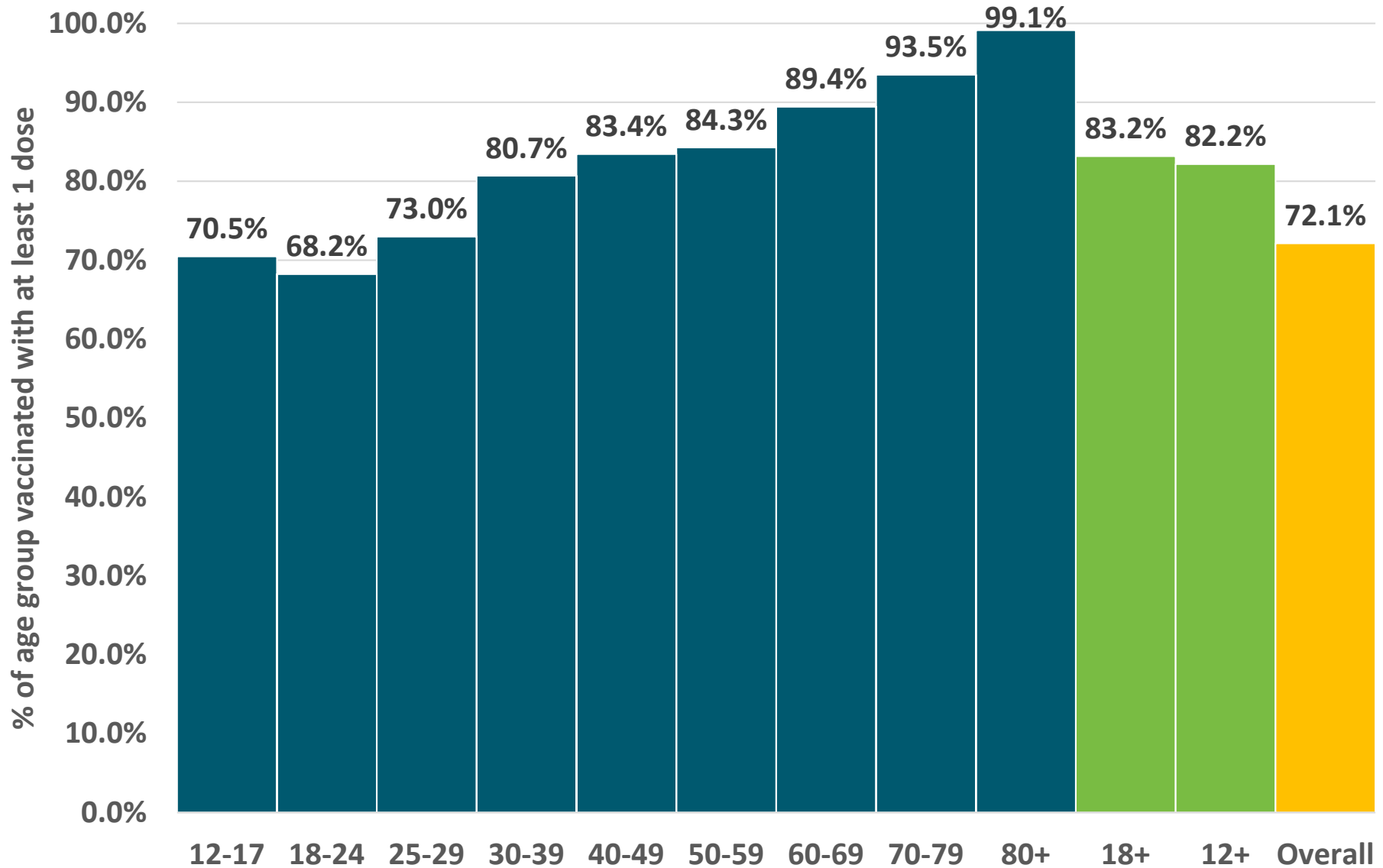
2021-09-24

Daily Doses Administered to Windsor-Essex Residents



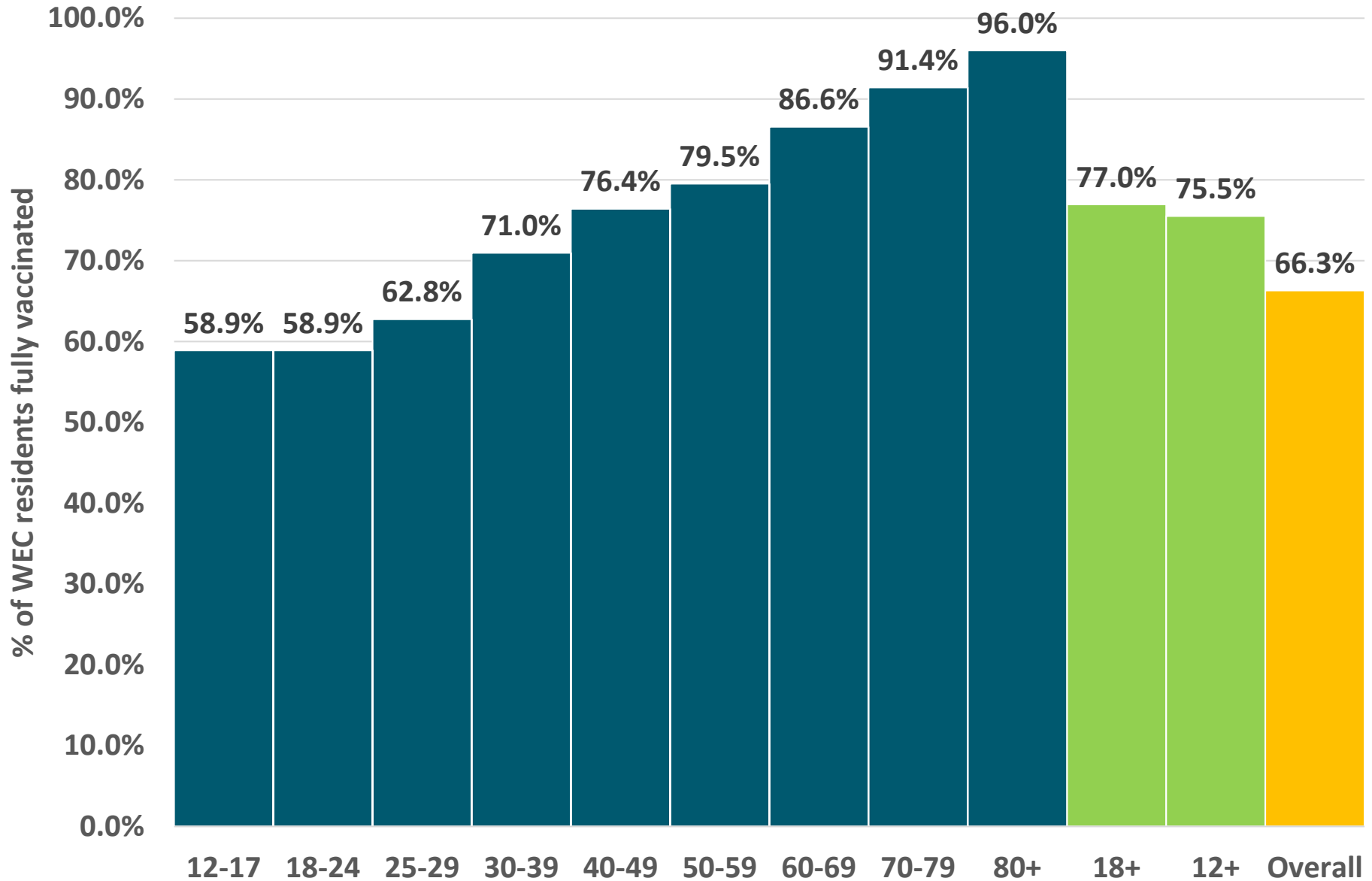
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WEC Residents Vaccinated With At Least One Dose by Age Group



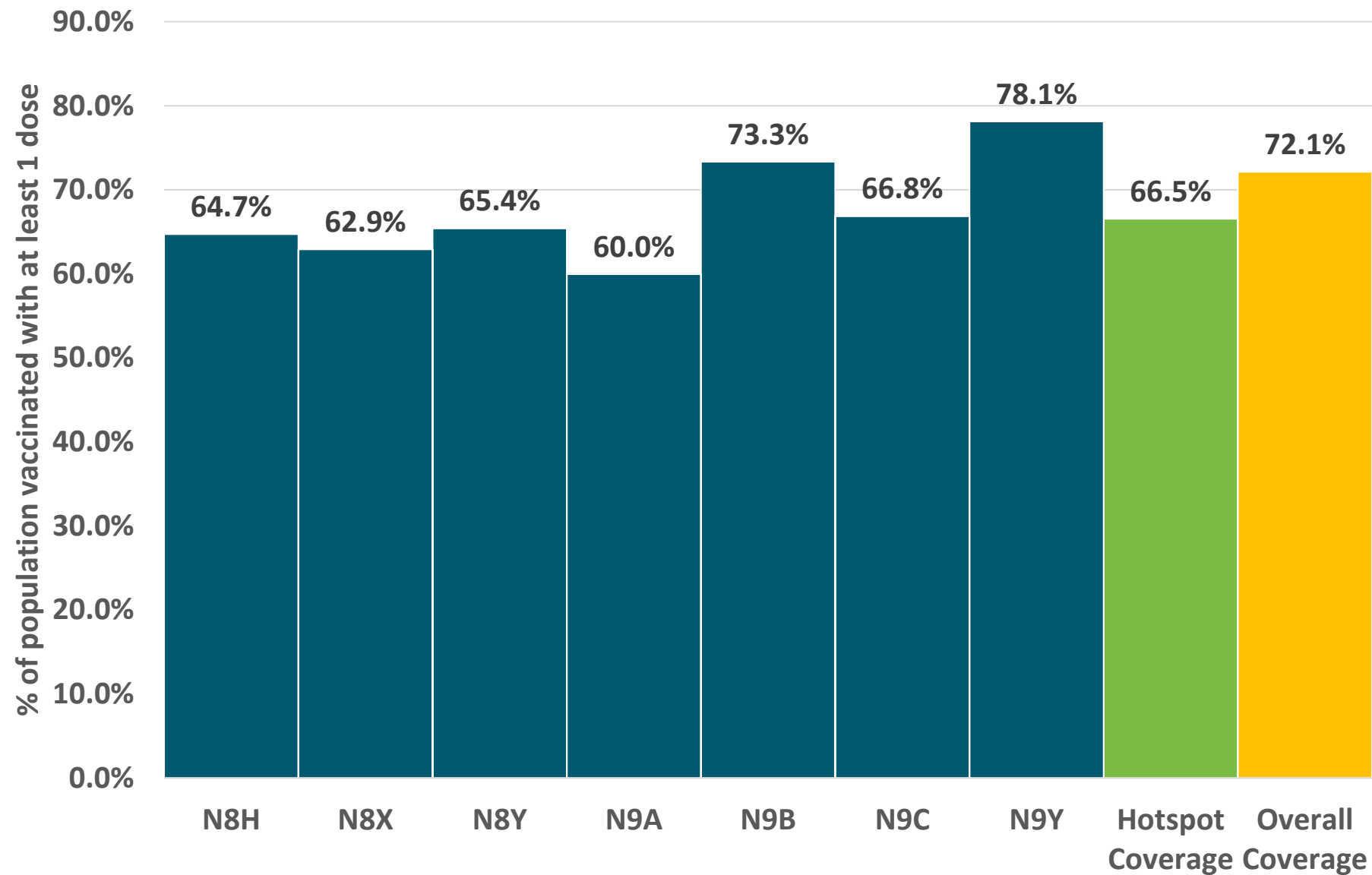
2021-09-24

WEC Residents Fully Vaccinated by Age Group

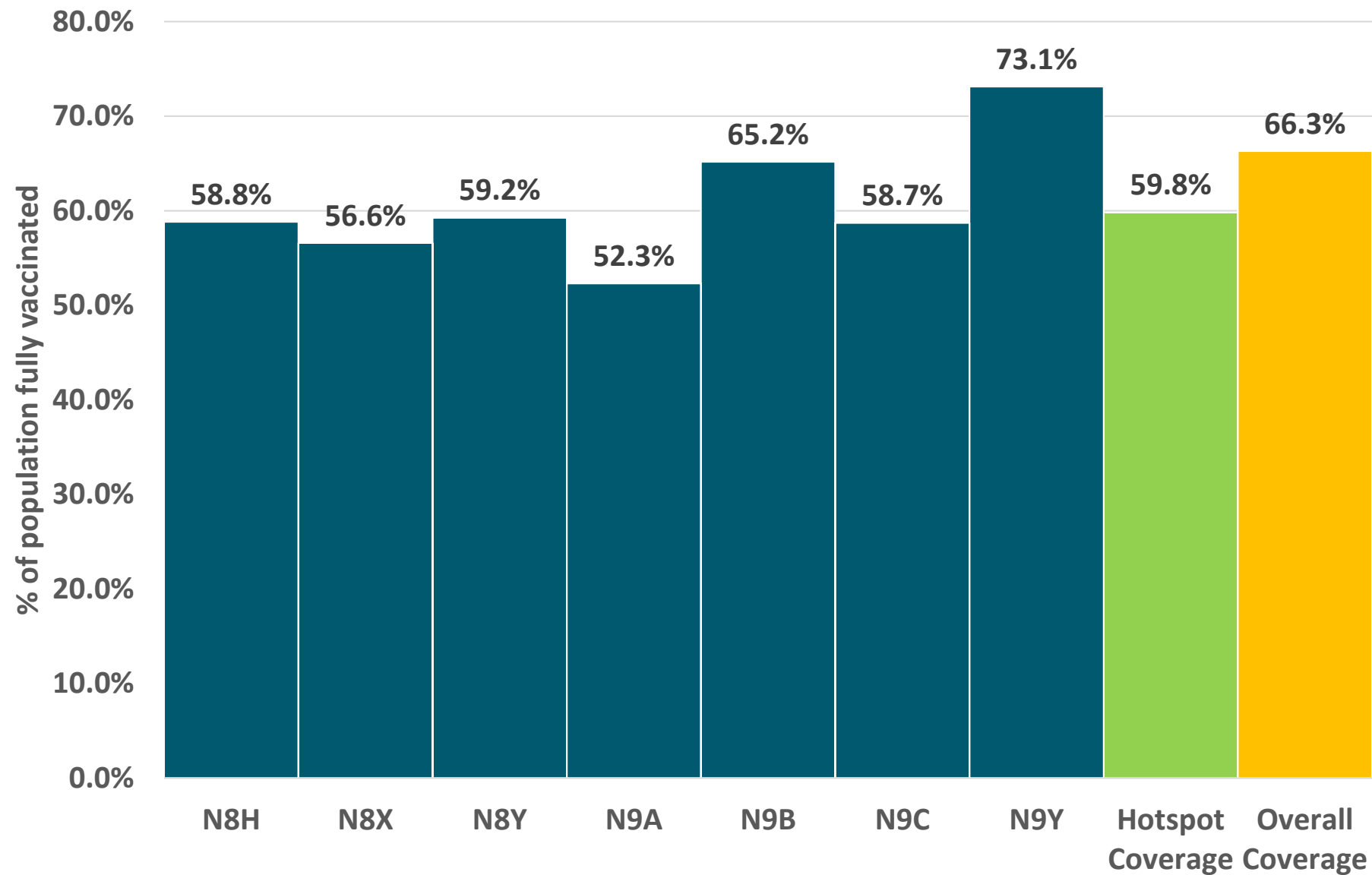


2021-09-24

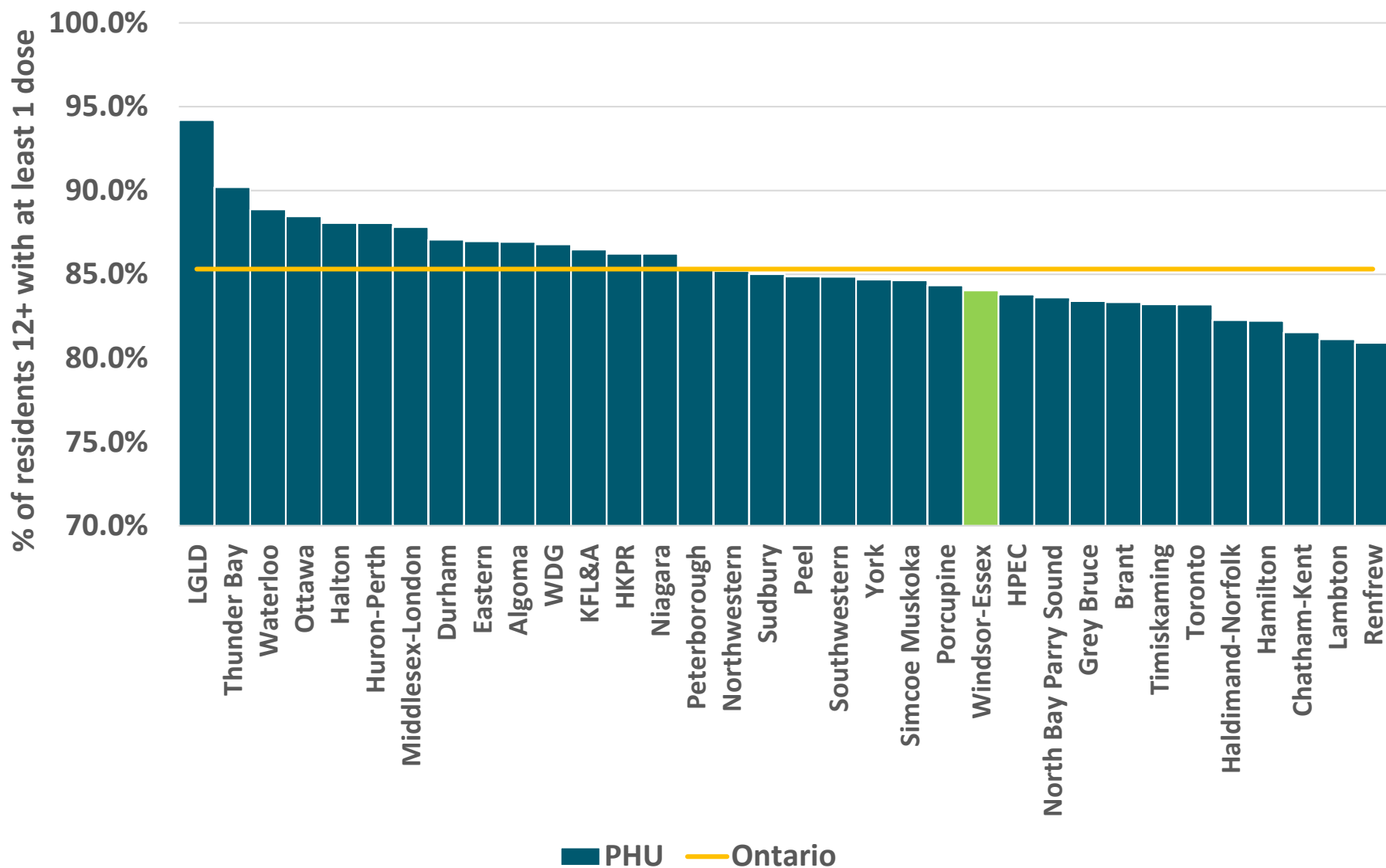
Vaccine Coverage in WEC Hotspots With at Least 1 Dose Administered (all residents including children)



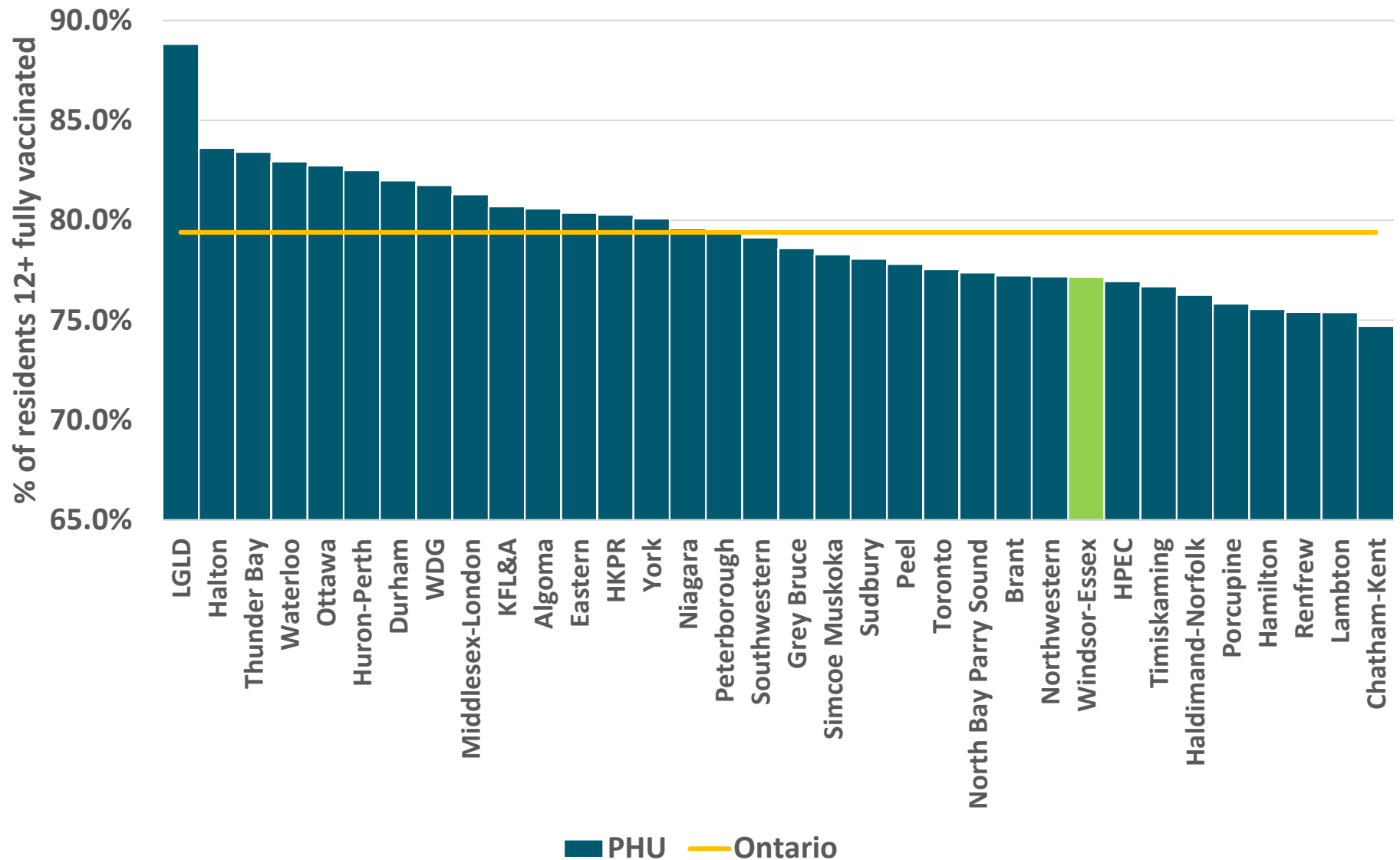
Fully Vaccinated Coverage Rates in Hotspots Within Windsor-Essex County (all residents including children)



Percentage of Residents 12+ With At Least 1 Dose by Public Health Unit



Percentage of Residents 12+ Fully Vaccinated by Public Health Unit



Summary: (2)

The overall risk of acquiring a COVID-19 infection among those unvaccinated is

6.35

times higher than it is for those fully vaccinated

Vaccination Status	Rate of COVID-19 (per 100,000 population)
Unvaccinated	881.2 cases per 100,000 population
Fully Vaccinated	138.8 cases per 100,000 population

Summary:

- Case rates in WEC have decreased again this week
- Wastewater surveillance data highlights a continued decline of COVID-19 in the region
- COVID-19 related hospitalization and ICU admissions continue to increase.
- First and second dose administration have remained unchanged for this week.

Summary of Monitoring Indicators for WEC

- Most recent completed weekly case rate = 66.4 cases/100,000 population
 - Most recent 7-day rate = 68.9 cases/100,000 population
- Percent positivity = 3.9% (full week)
 - Most recent 7-days percent positivity = 5.0%
- R_0 (effective) = 0.90
- Outbreaks remain high in our region
- 82.2% of Windsor-Essex residents 12+ have received with at least 1 dose
- 75.5% of Windsor-Essex residents 12+ are fully vaccinated