



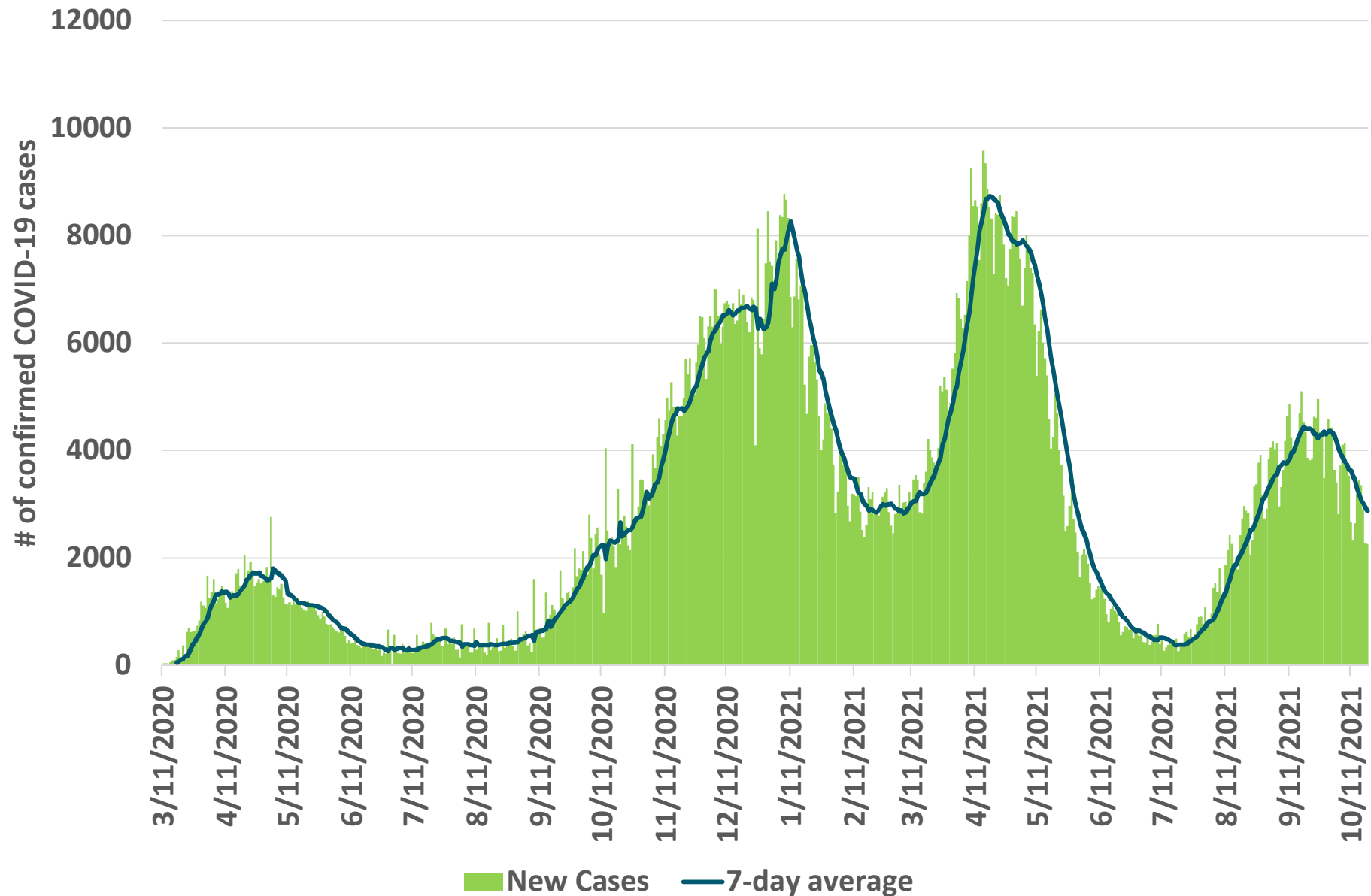
COVID-19 *LIVE UPDATE*

October 21, 2021

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

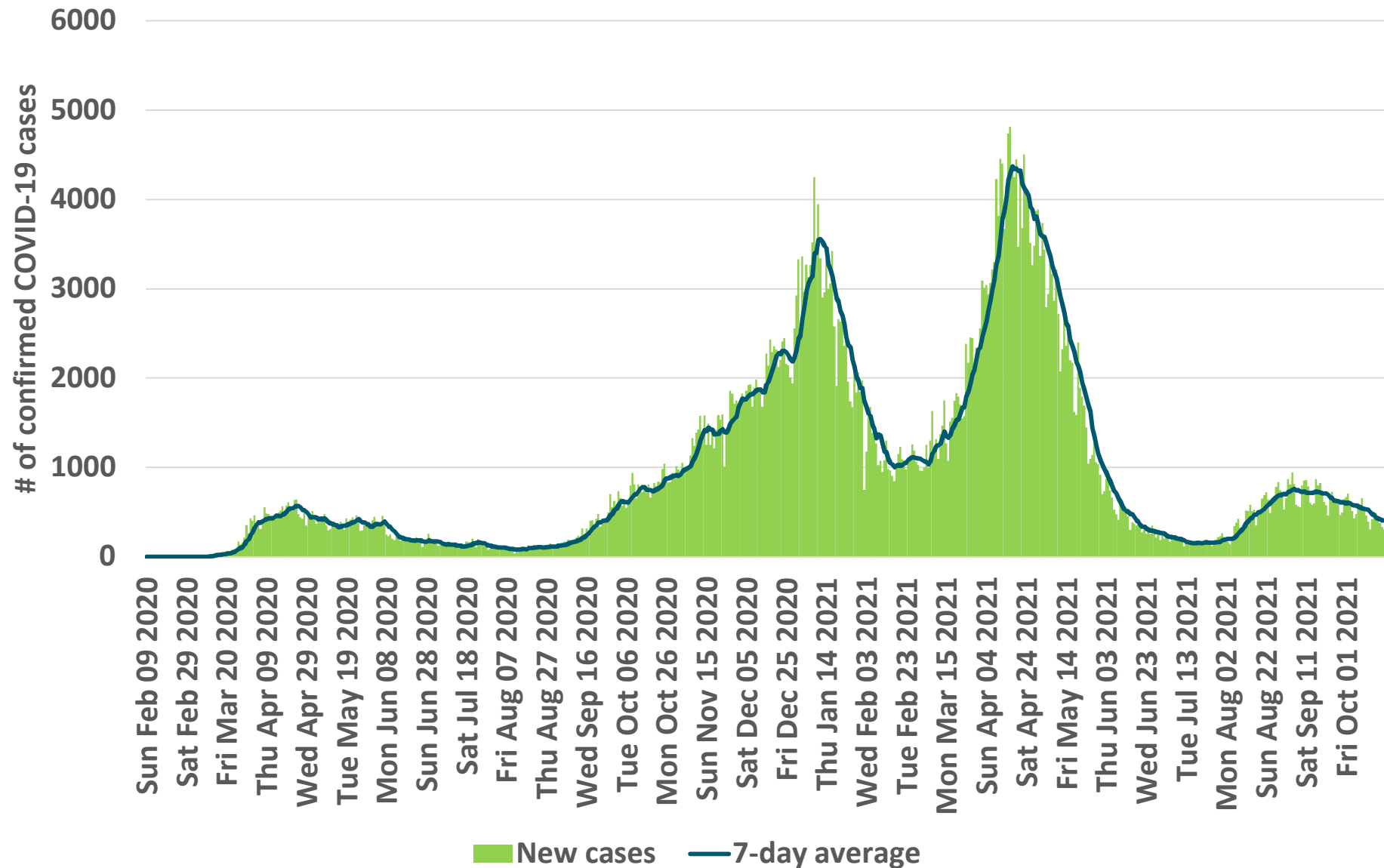
COVID-19 Cases in the Canada, Ontario, and Windsor-Essex

Epidemic Curve by Reported Date in Canada



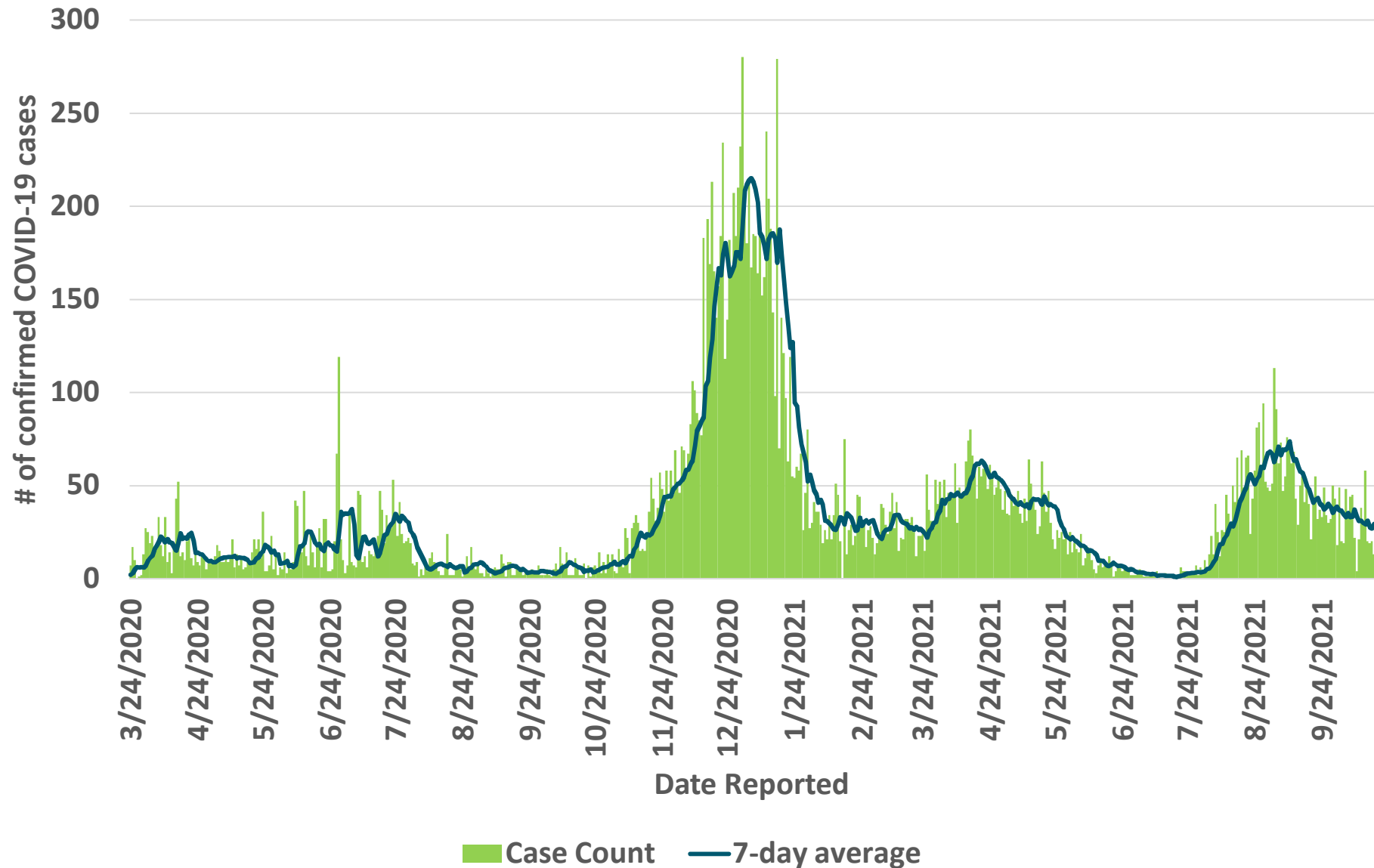
2021-10-21

Epidemic Curve by Reported Date in Ontario



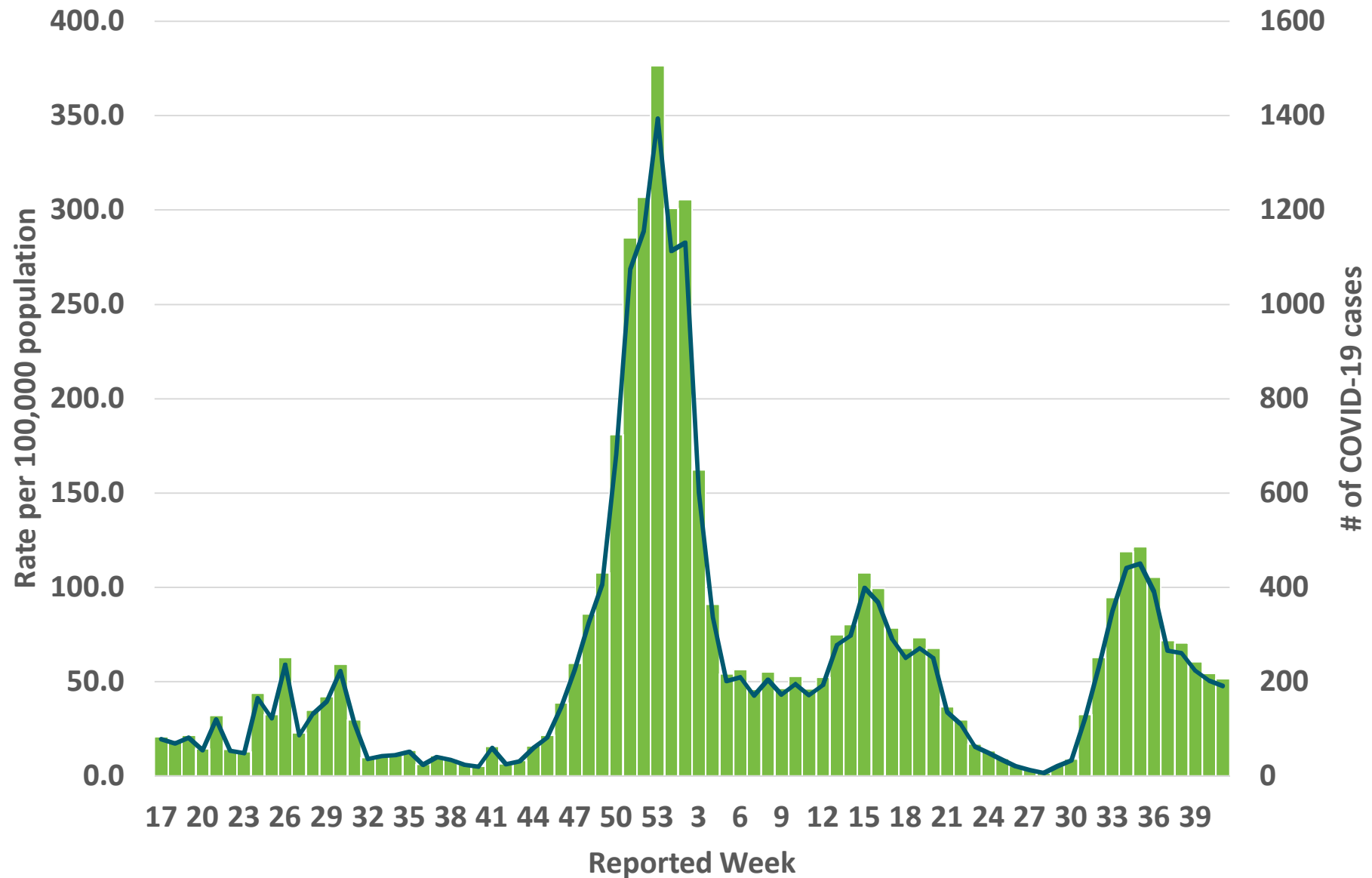
2021-10-21

Epidemic Curve by Reported Date in Windsor-Essex



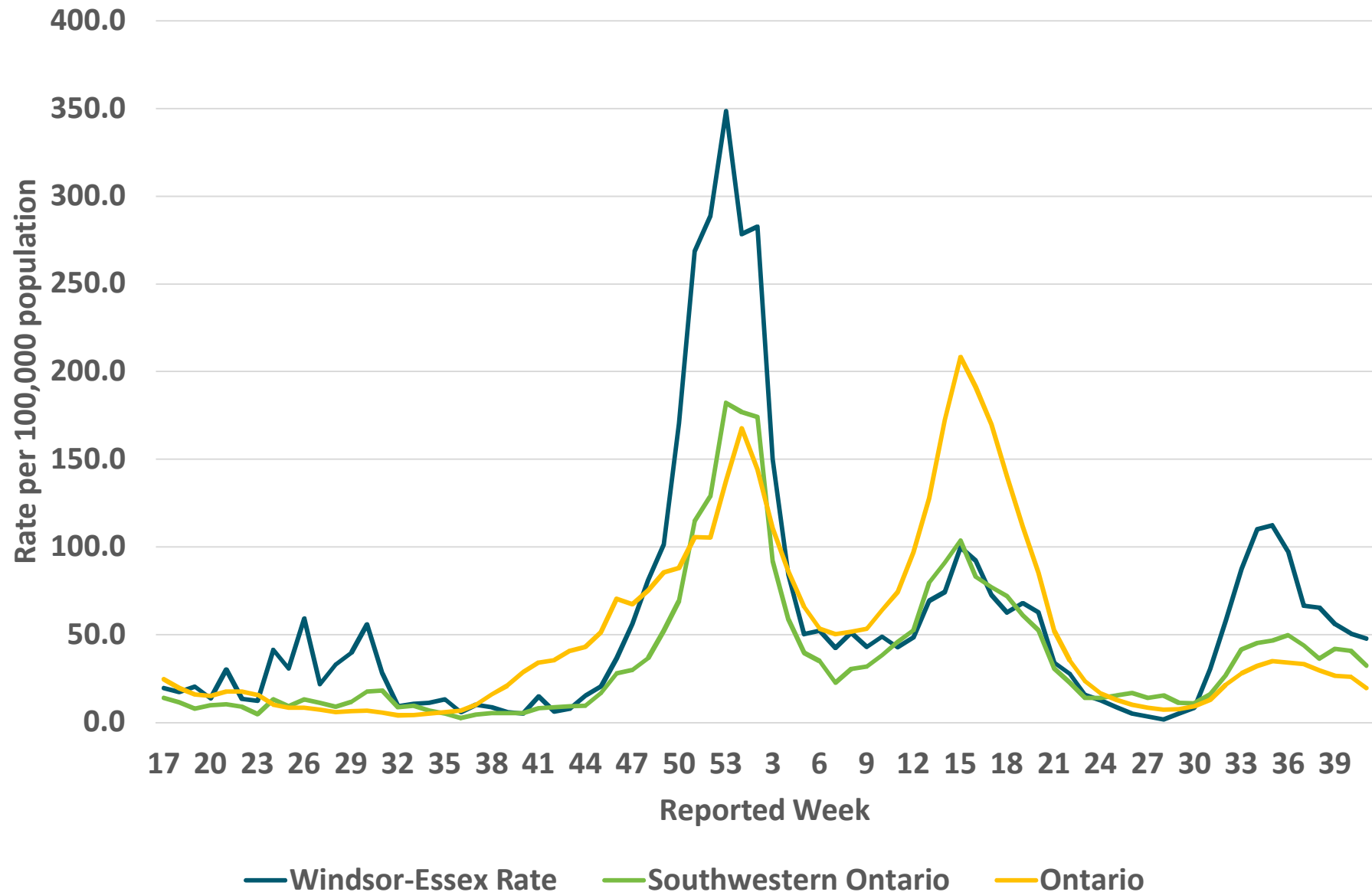
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Windsor-Essex Rate by Reported Week



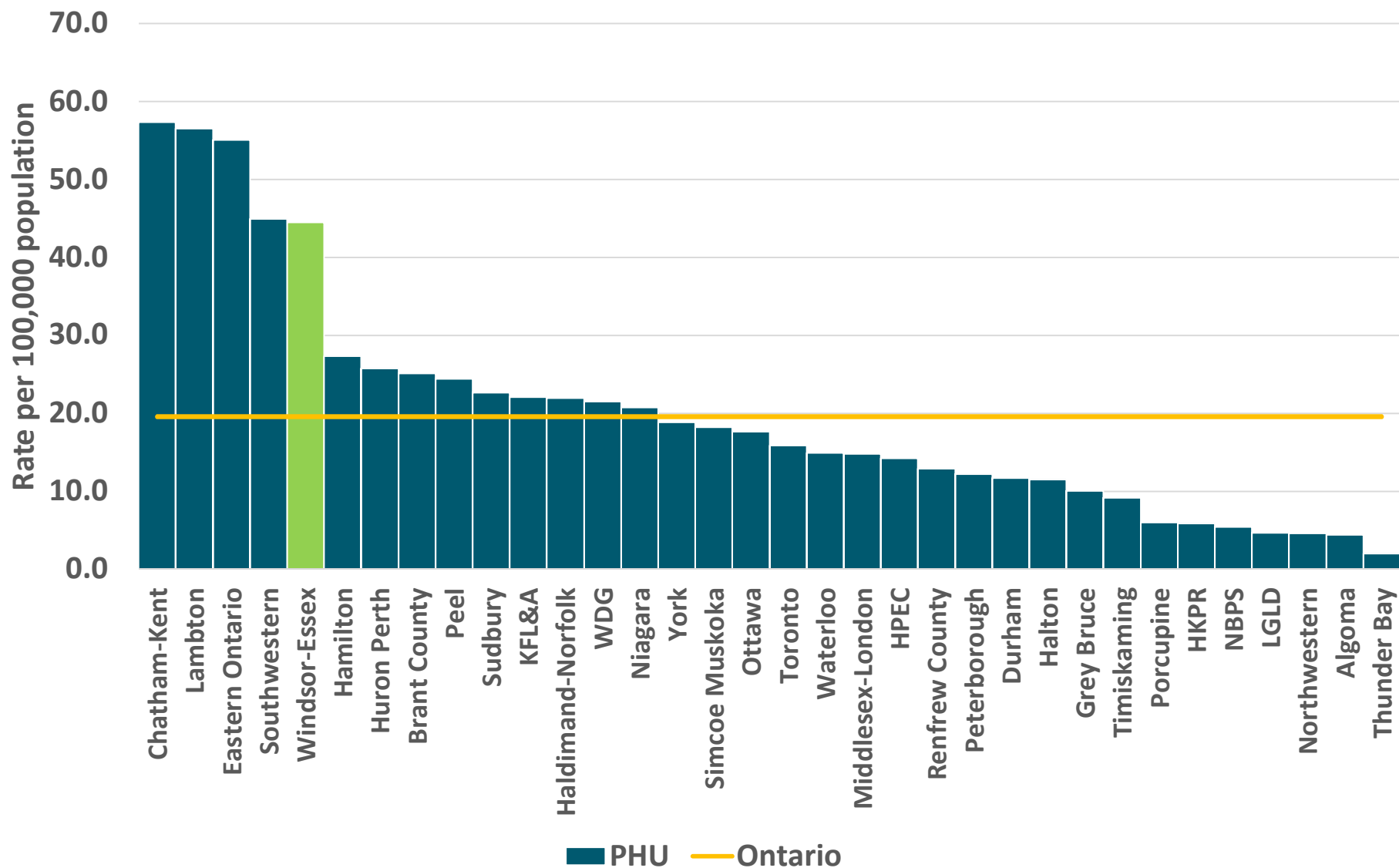
2021-10-21

Weekly Comparison of Rates in Ontario

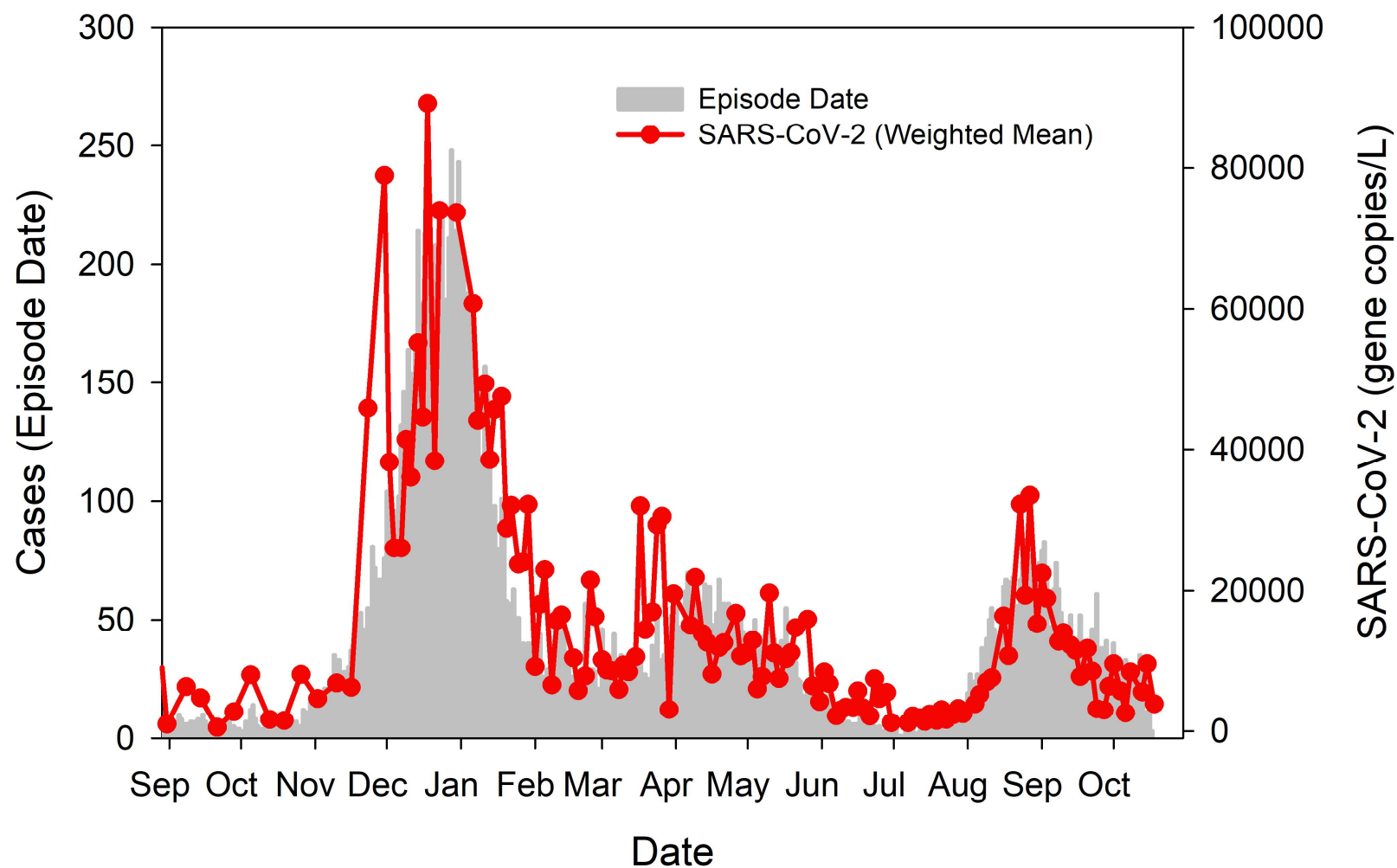


2021-10-21

Weekly 41 Case Rates by Public Health Unit (October 10 to October 16, 2021)



Windsor-Essex Wastewater Data



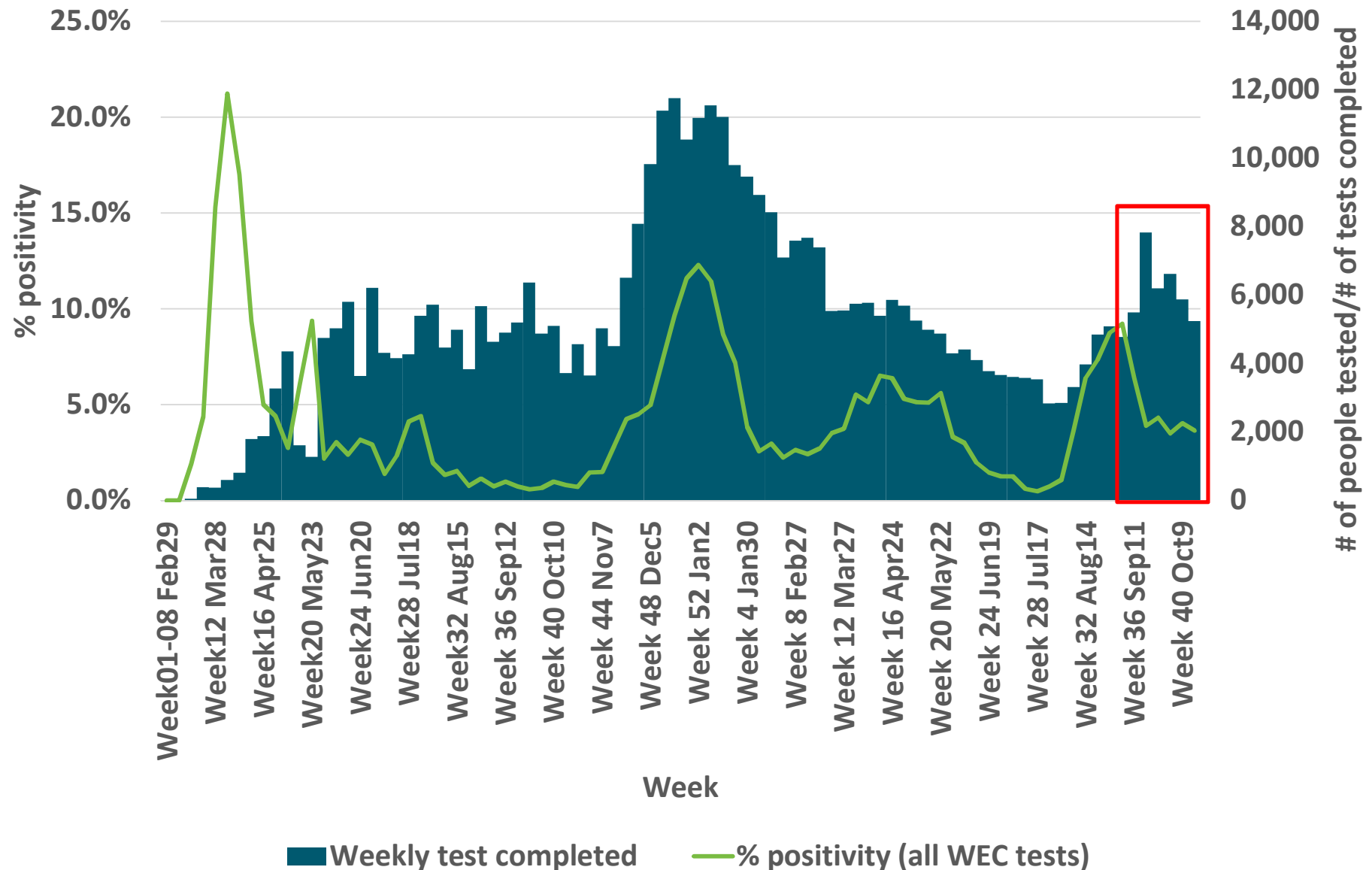
GLIER
GREAT LAKES INSTITUTE FOR
ENVIRONMENTAL RESEARCH
at the University of Windsor



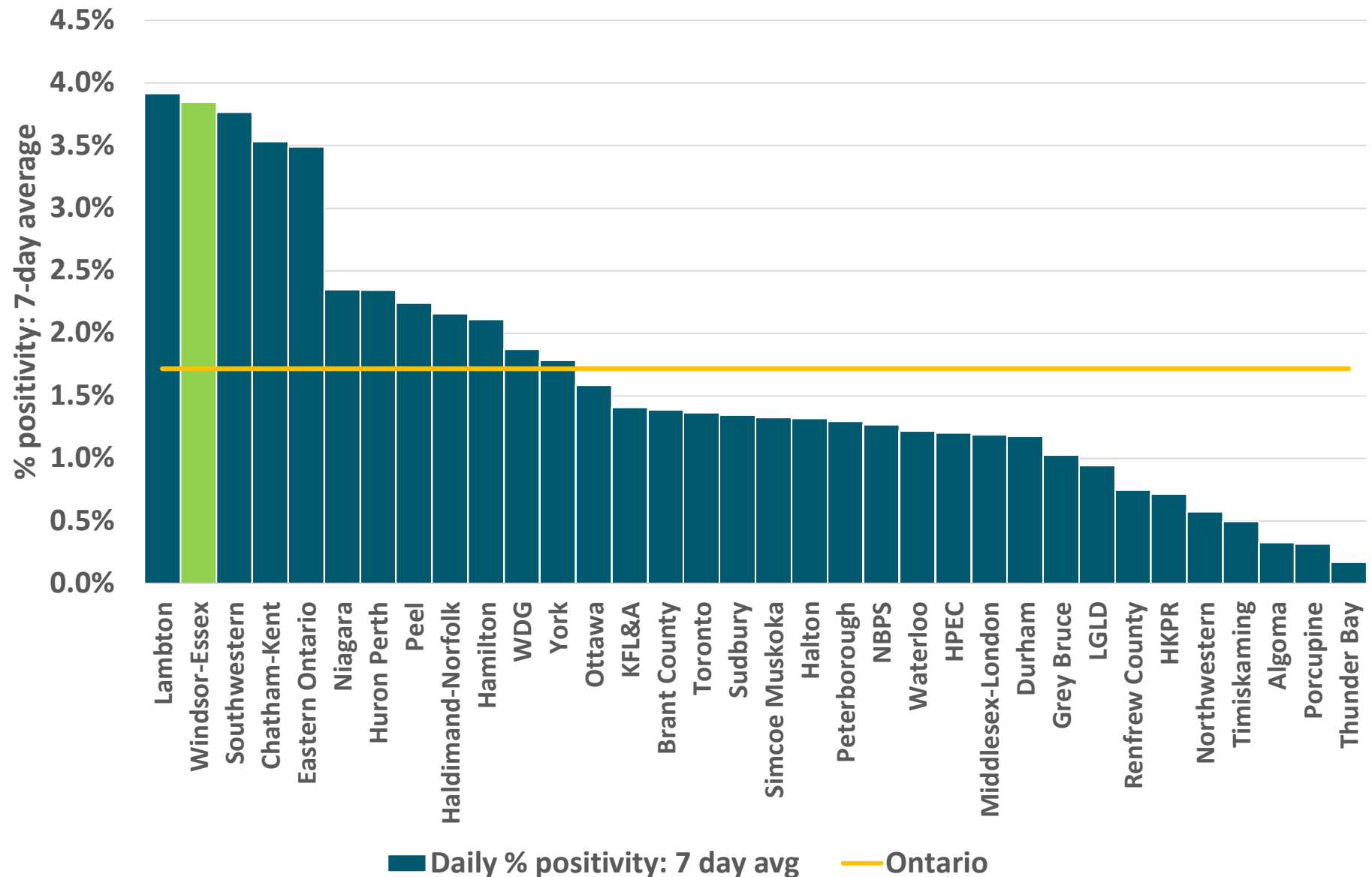
University
of Windsor

uwindsor.ca/GLIER

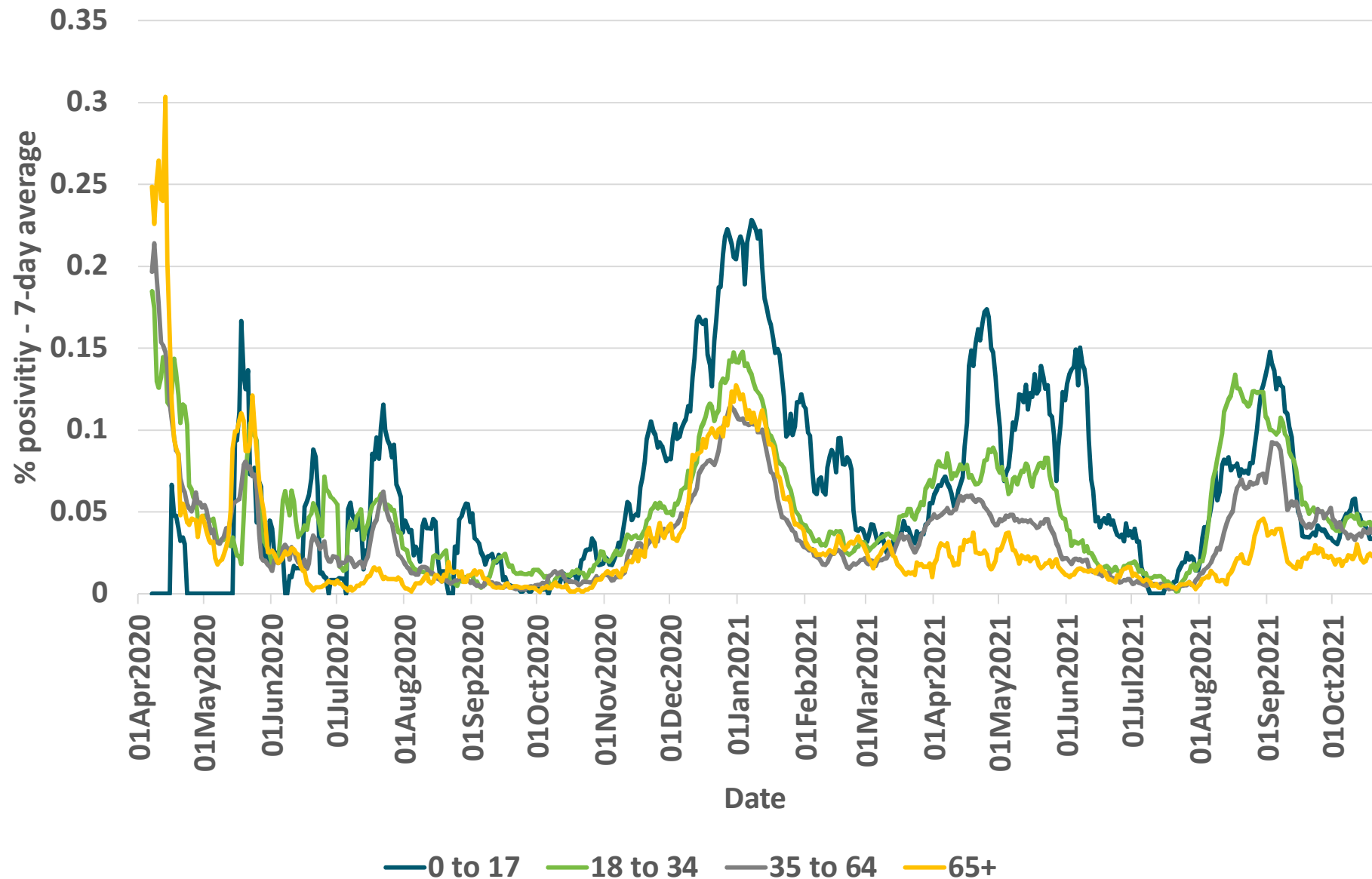
Percent Positivity by Week by All Tests



% Positivity in Ontario: 7-Day Average

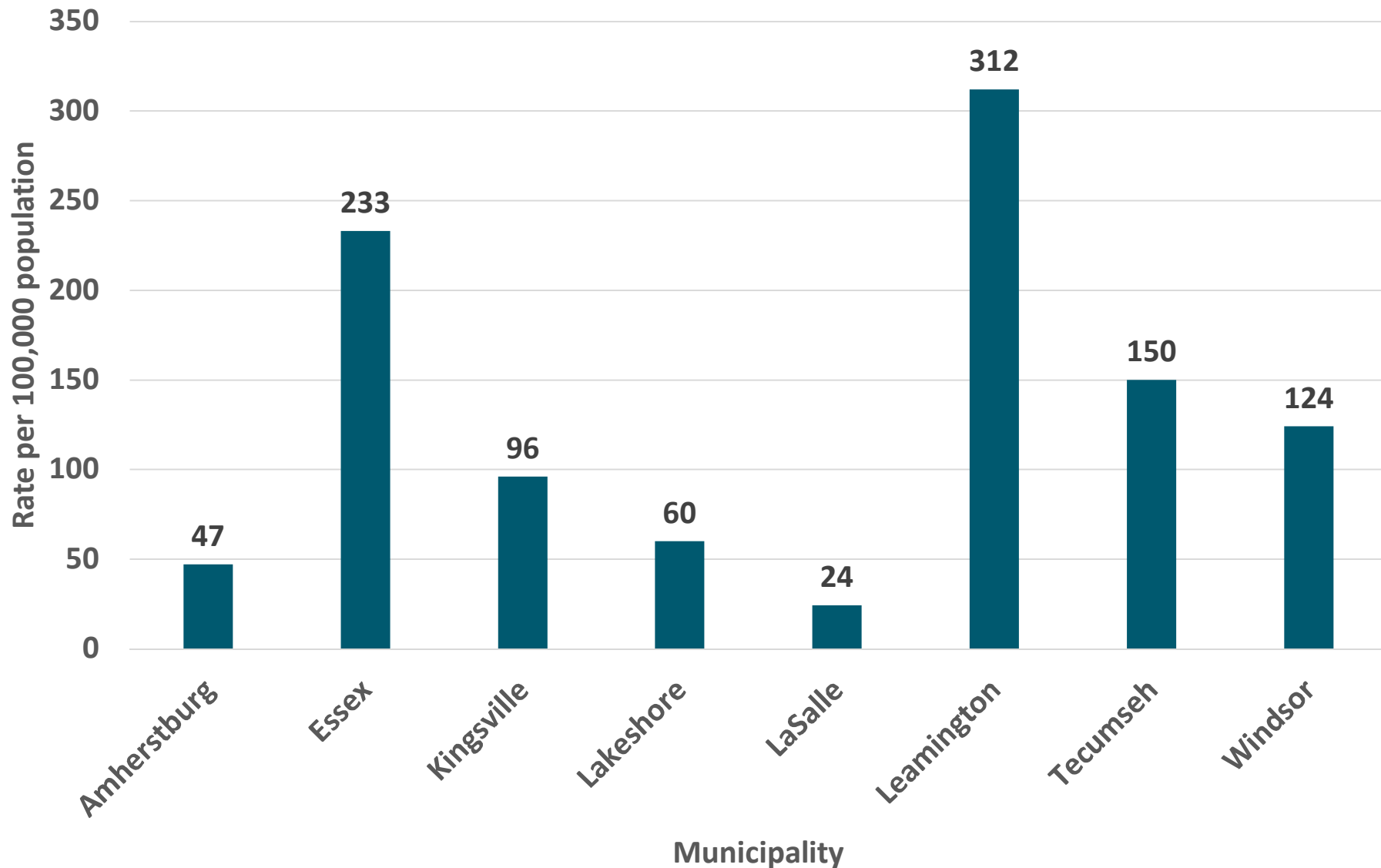


% Positivity in Windsor-Essex by Age: 7-Day Average

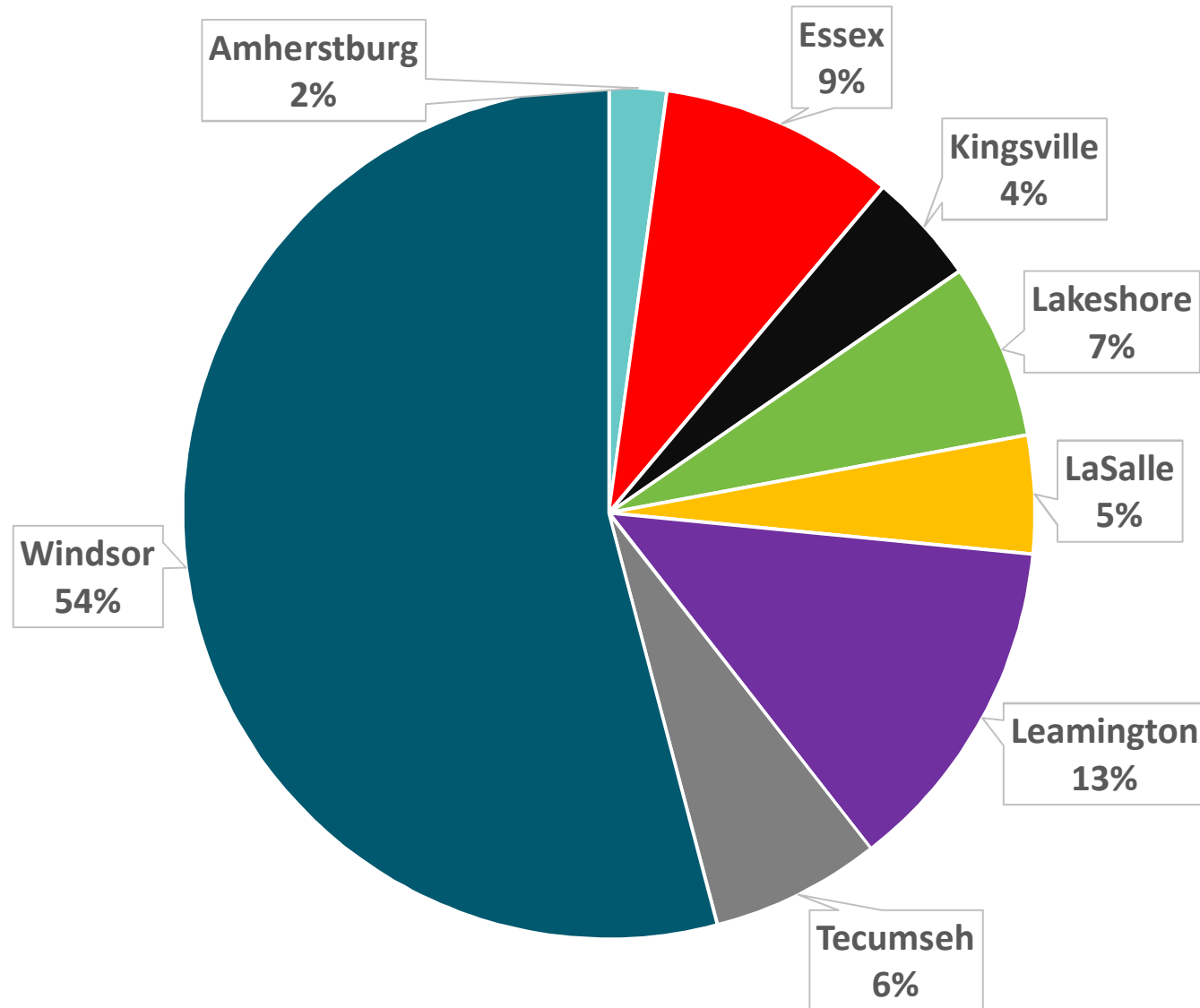


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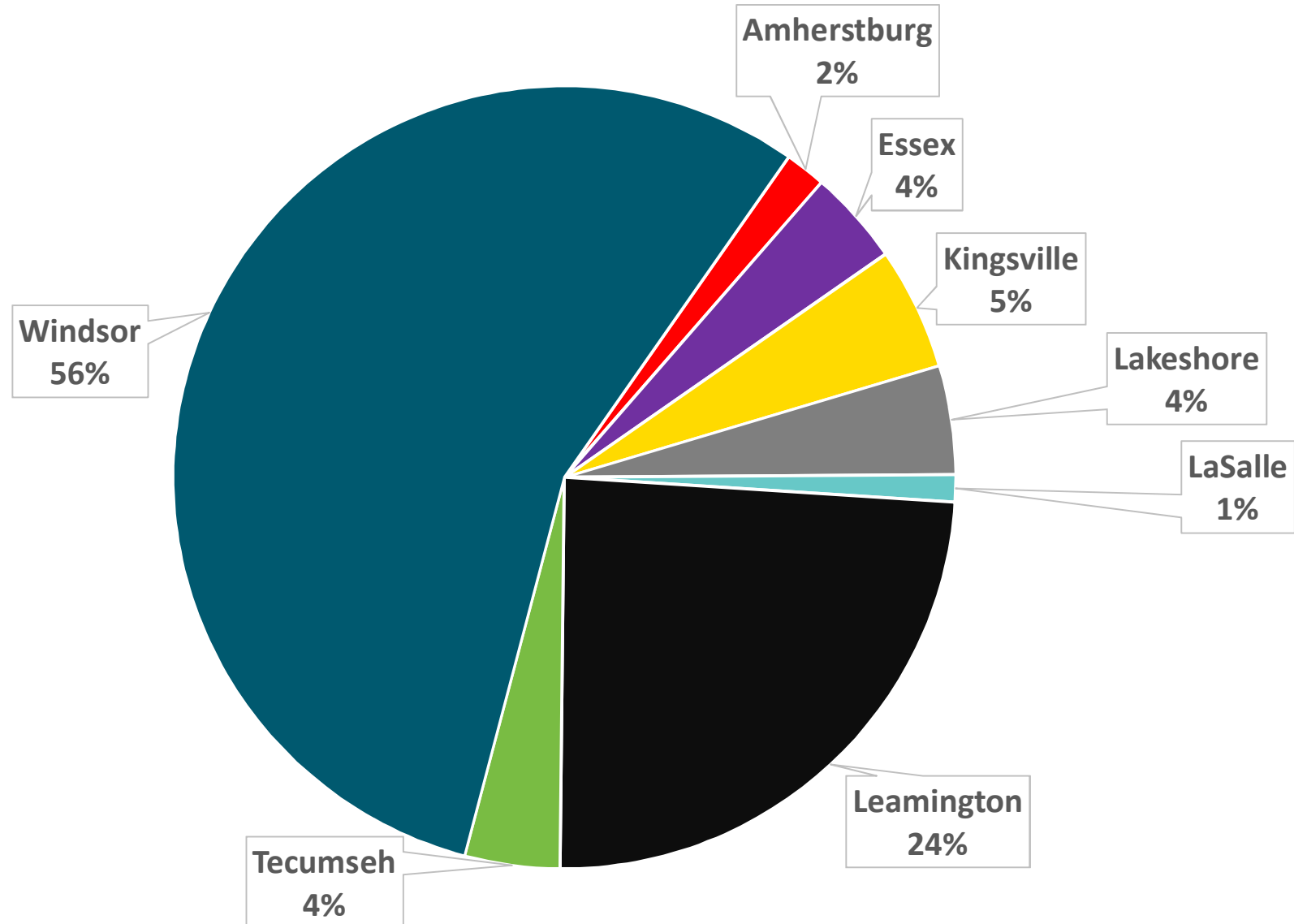
Rate per 100,000 by Municipality (October 2021 to Present)



Distribution of COVID-19 Cases by Municipality in last 30 days (September 20 to October 19)

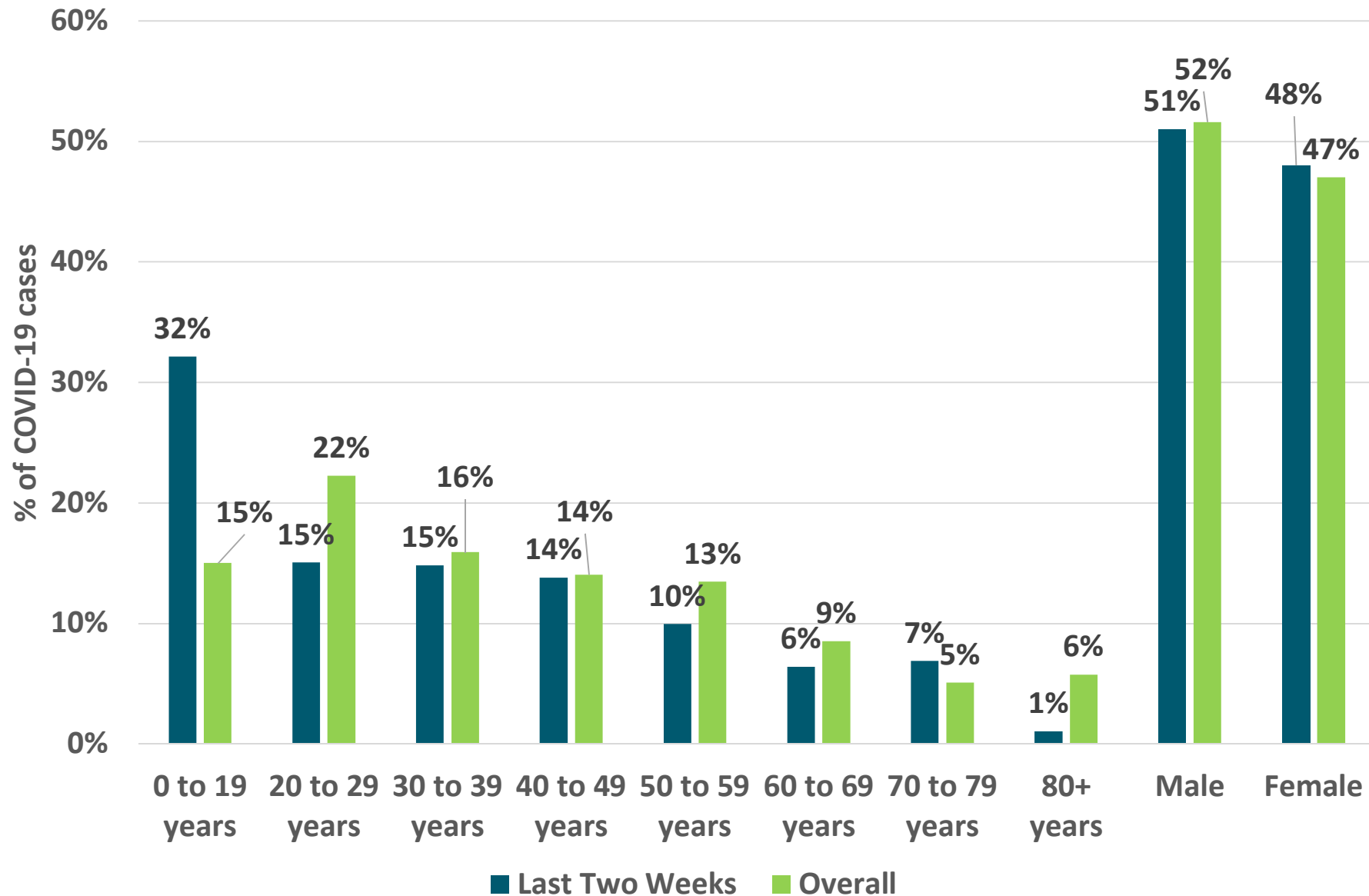


Distribution of COVID-19 Cases by Municipality in last 7 days (October 13 to October 19)



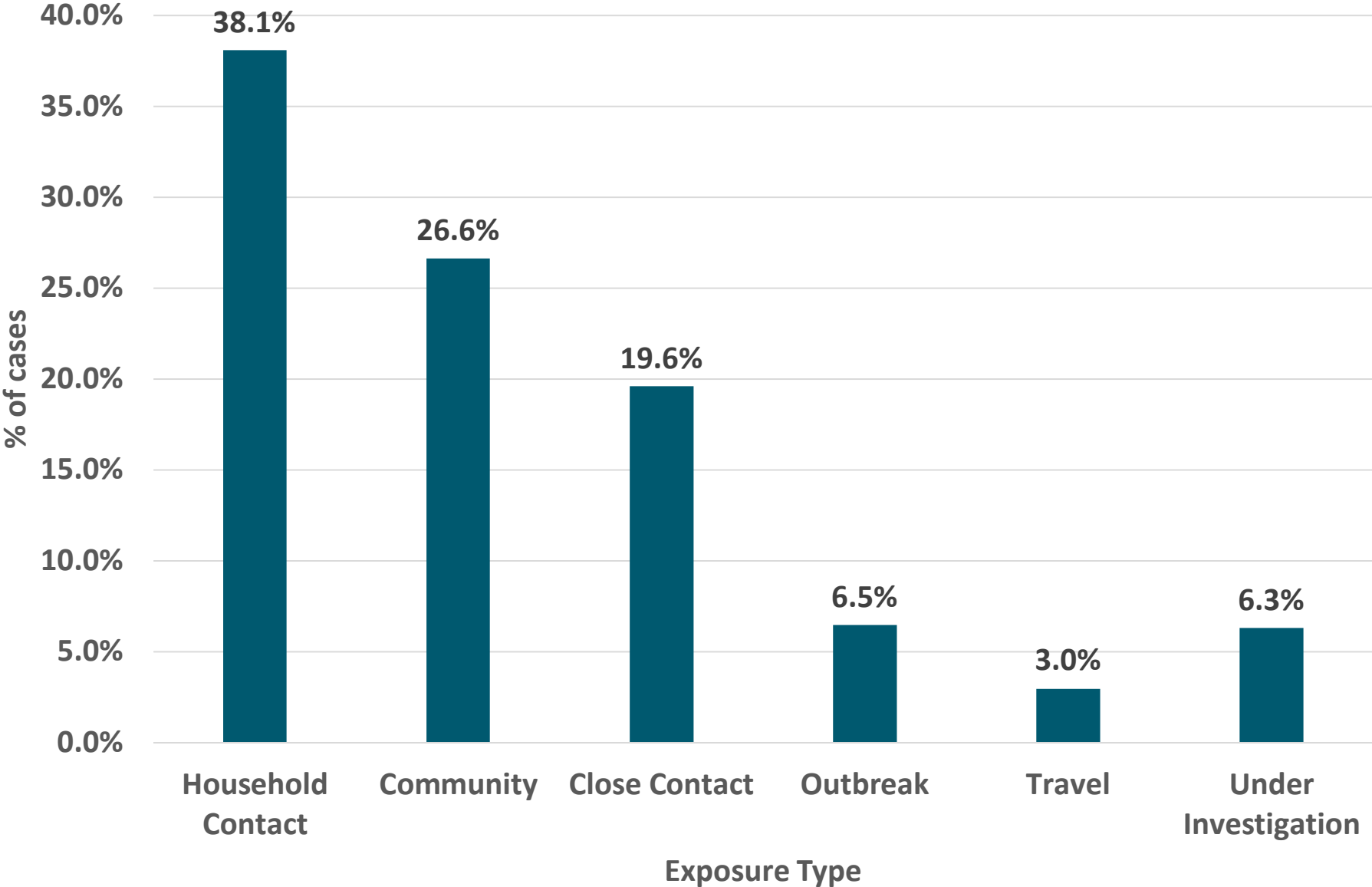
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Age & Sex Distribution

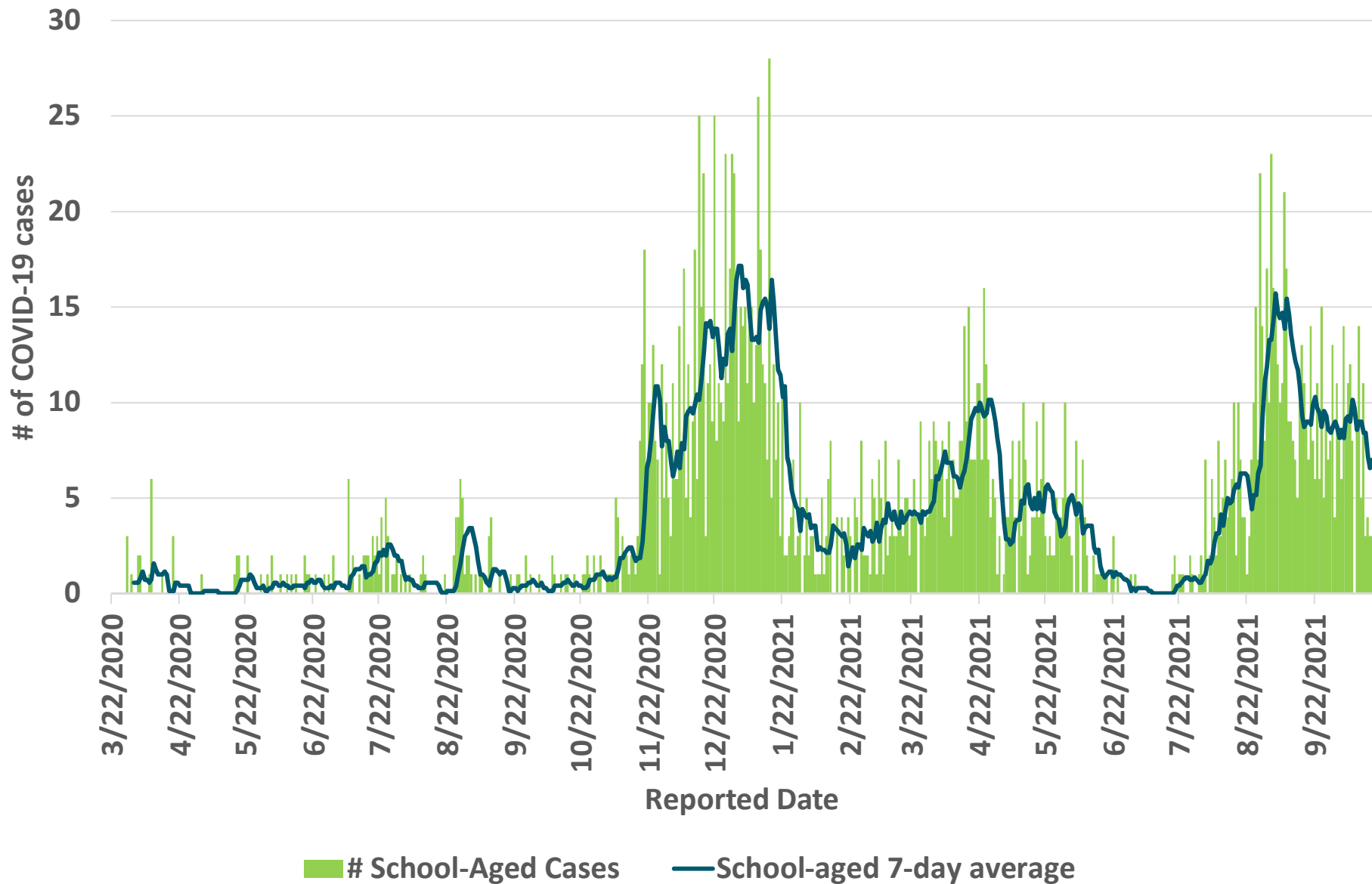


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Source of Acquisition (October to Present)

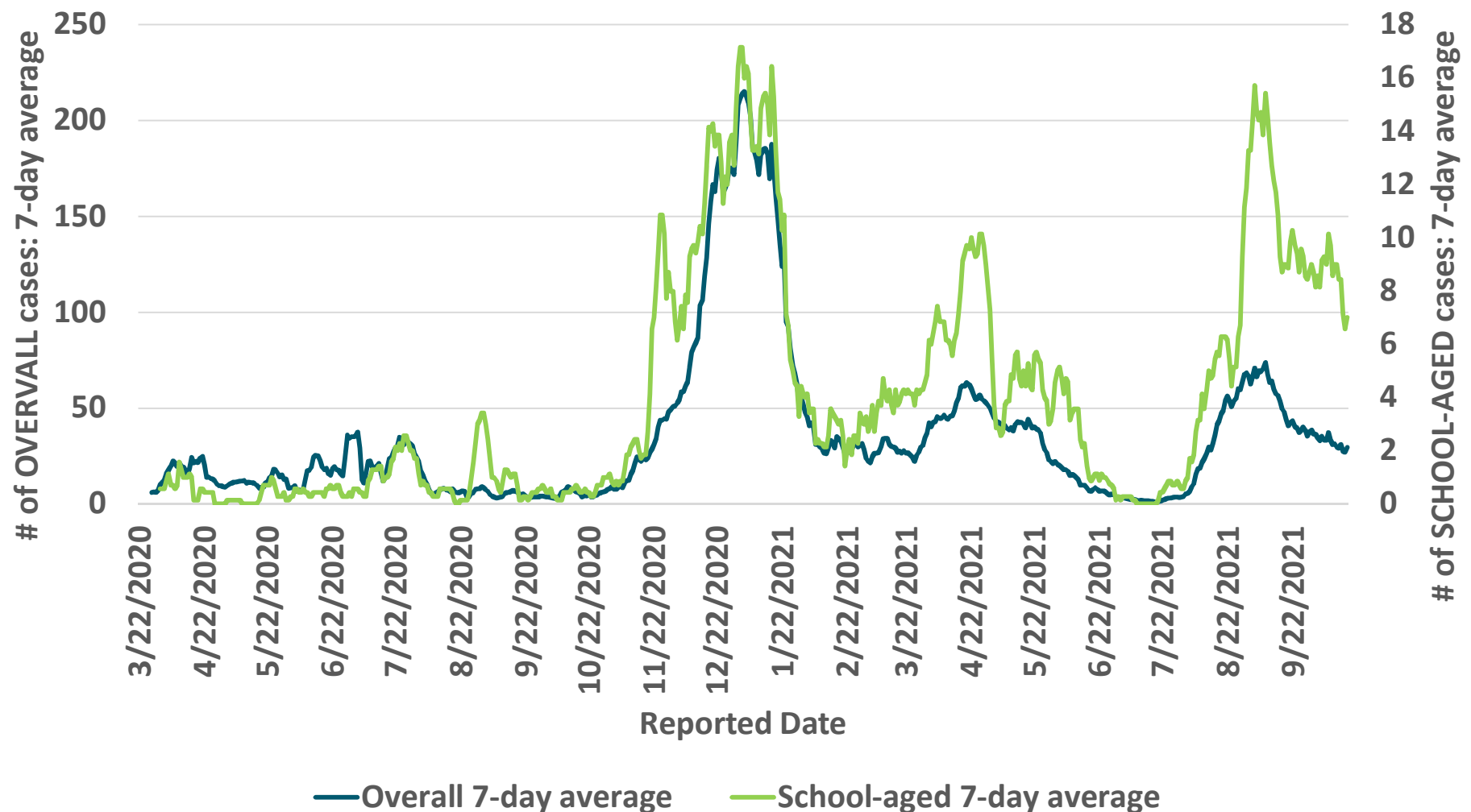


Epidemic Curve of School-Aged Cases

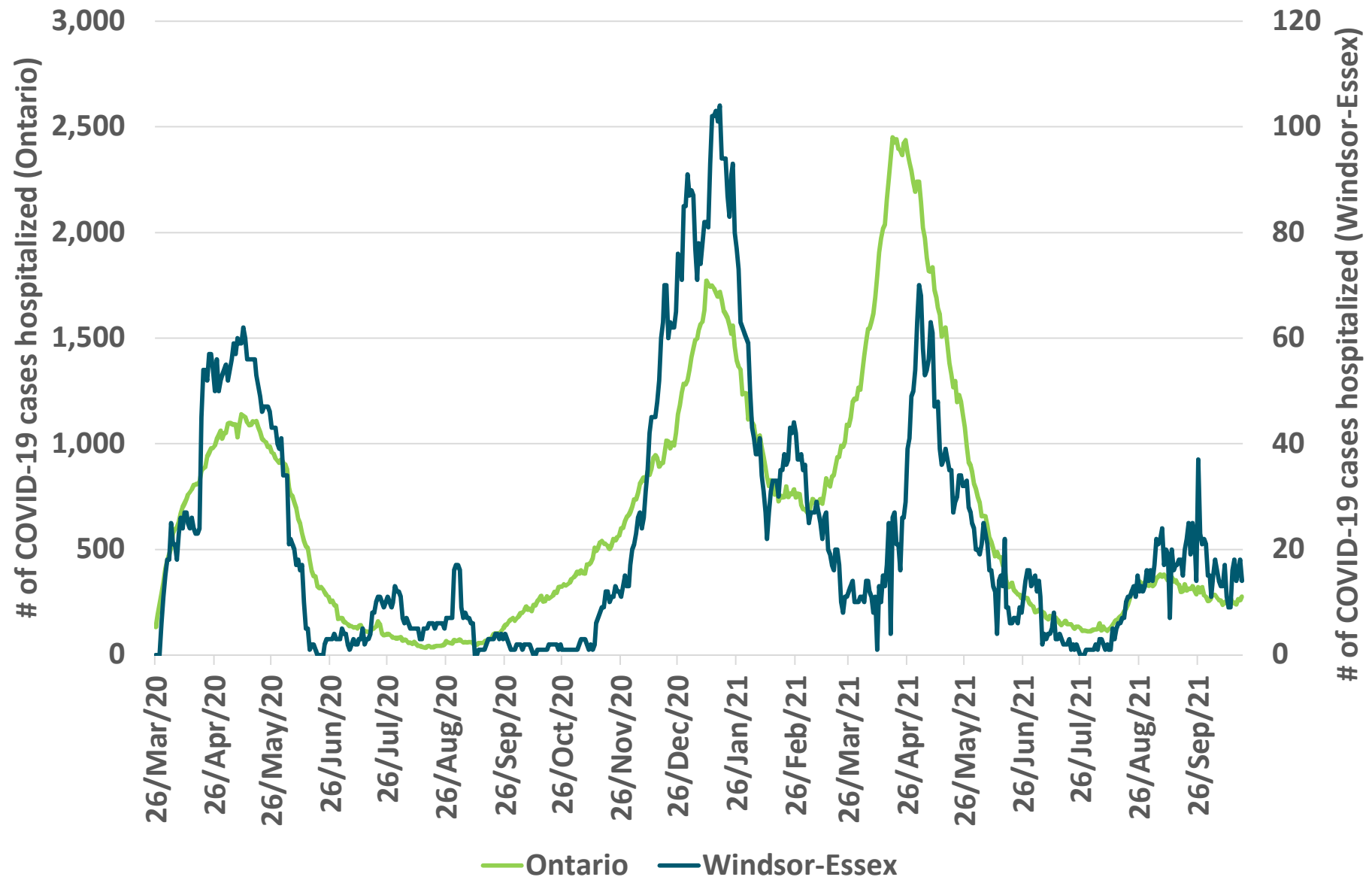


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7-Day Average Comparison Between School-Aged Children & Overall Windsor-Essex Population

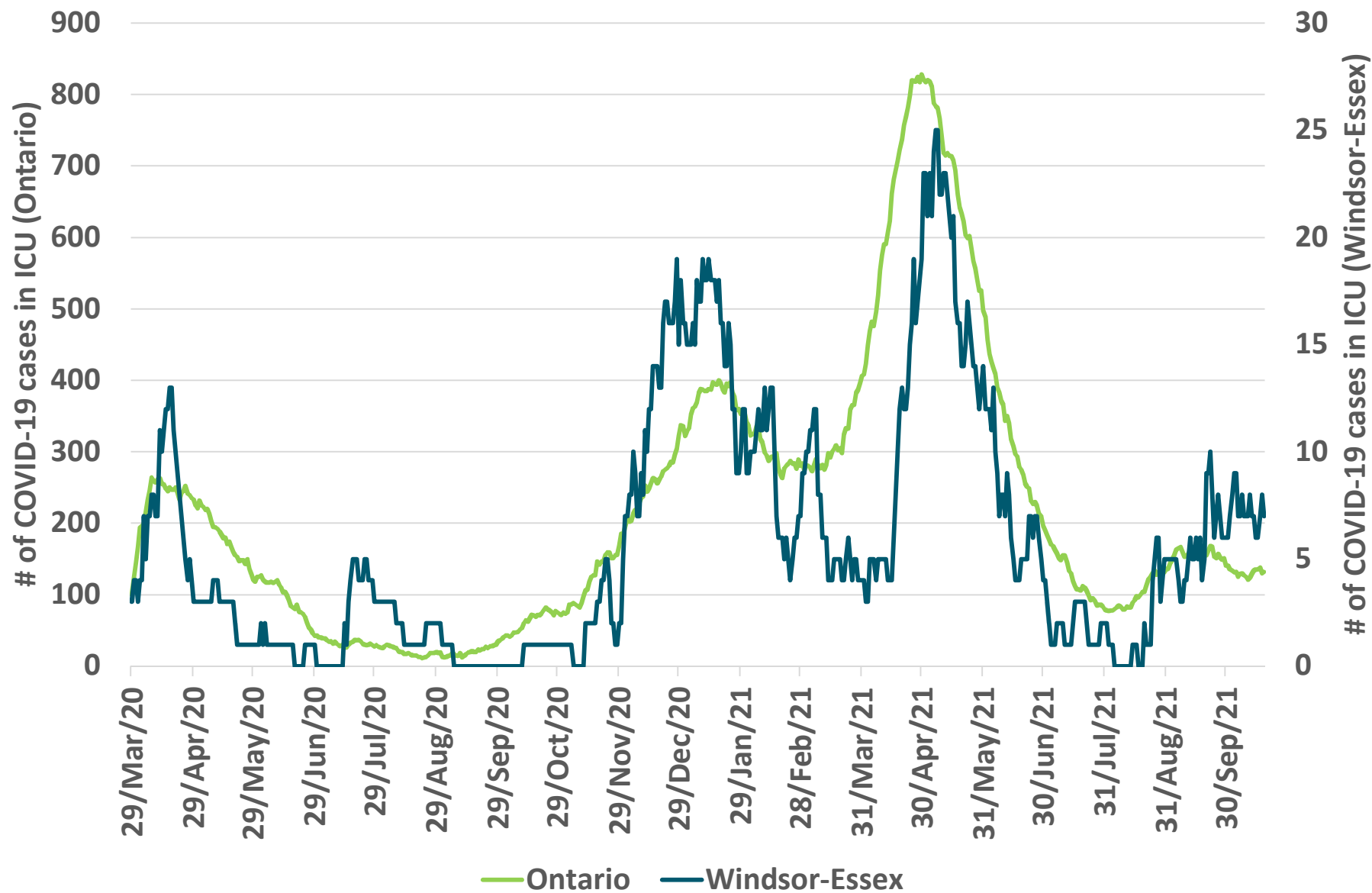


COVID-19 In-Patient Hospitalizations



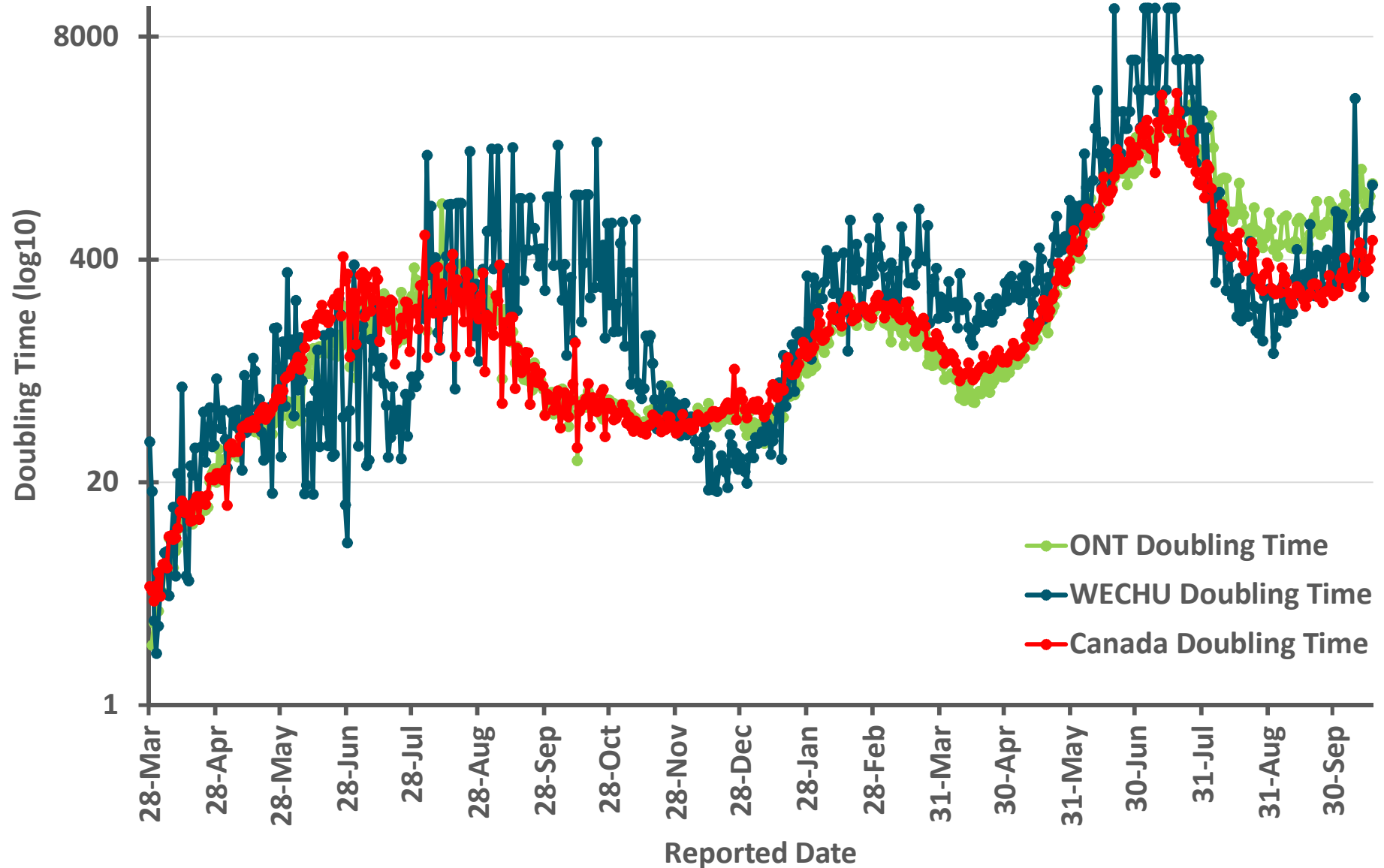
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COVID-19 ICU



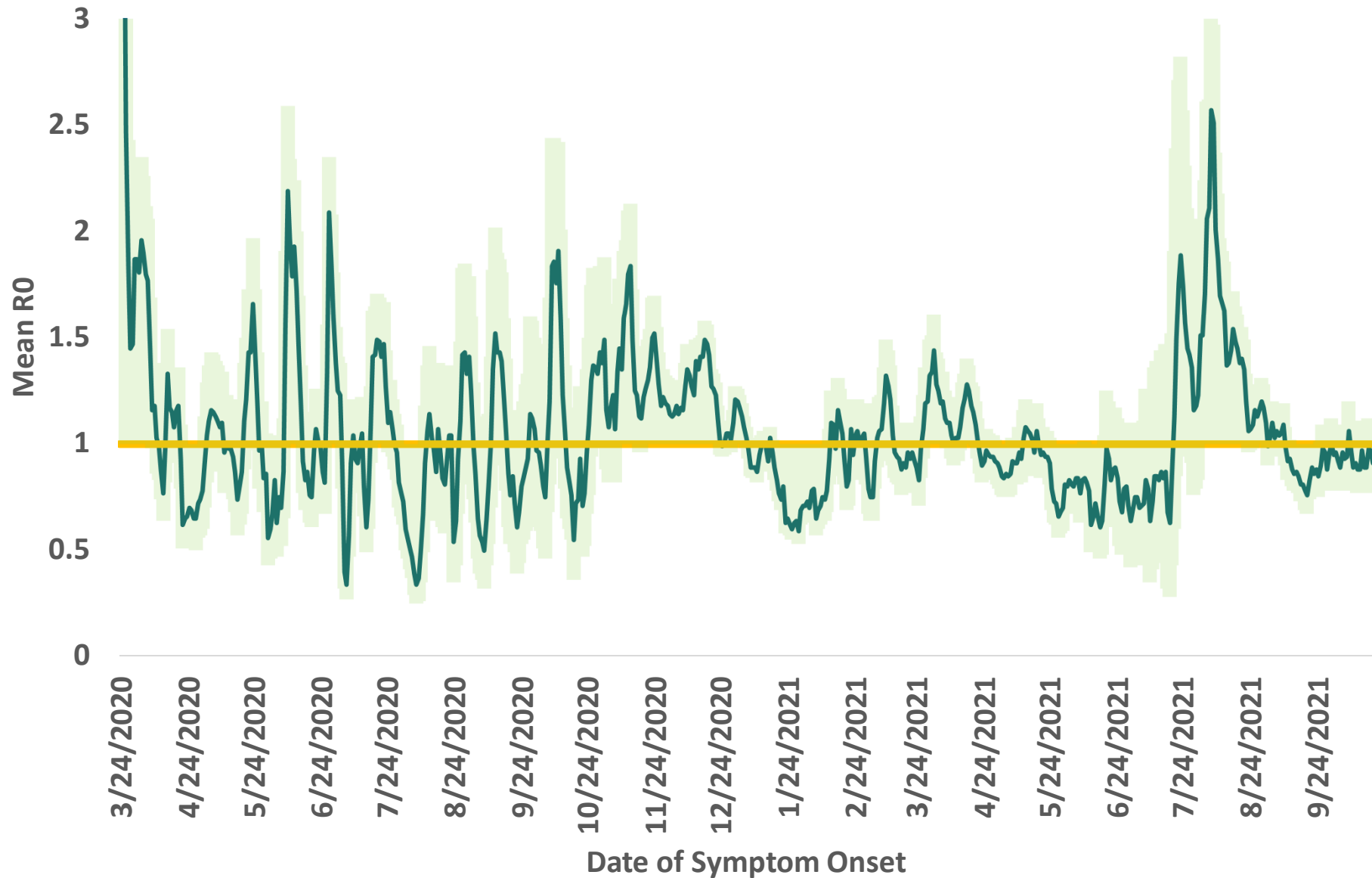
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Doubling Time (Day over Day Comparison)



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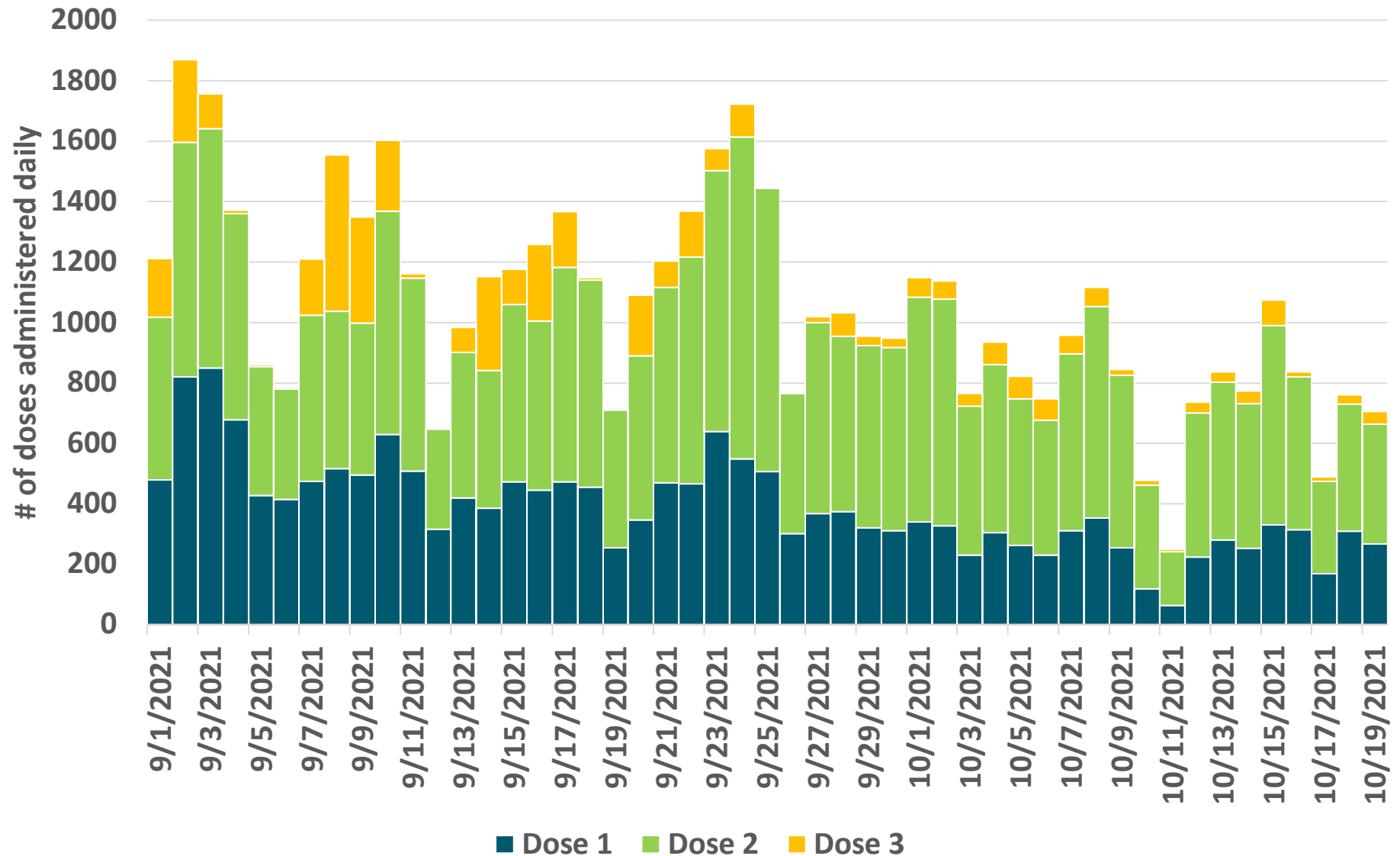
Median R0 (Effective)



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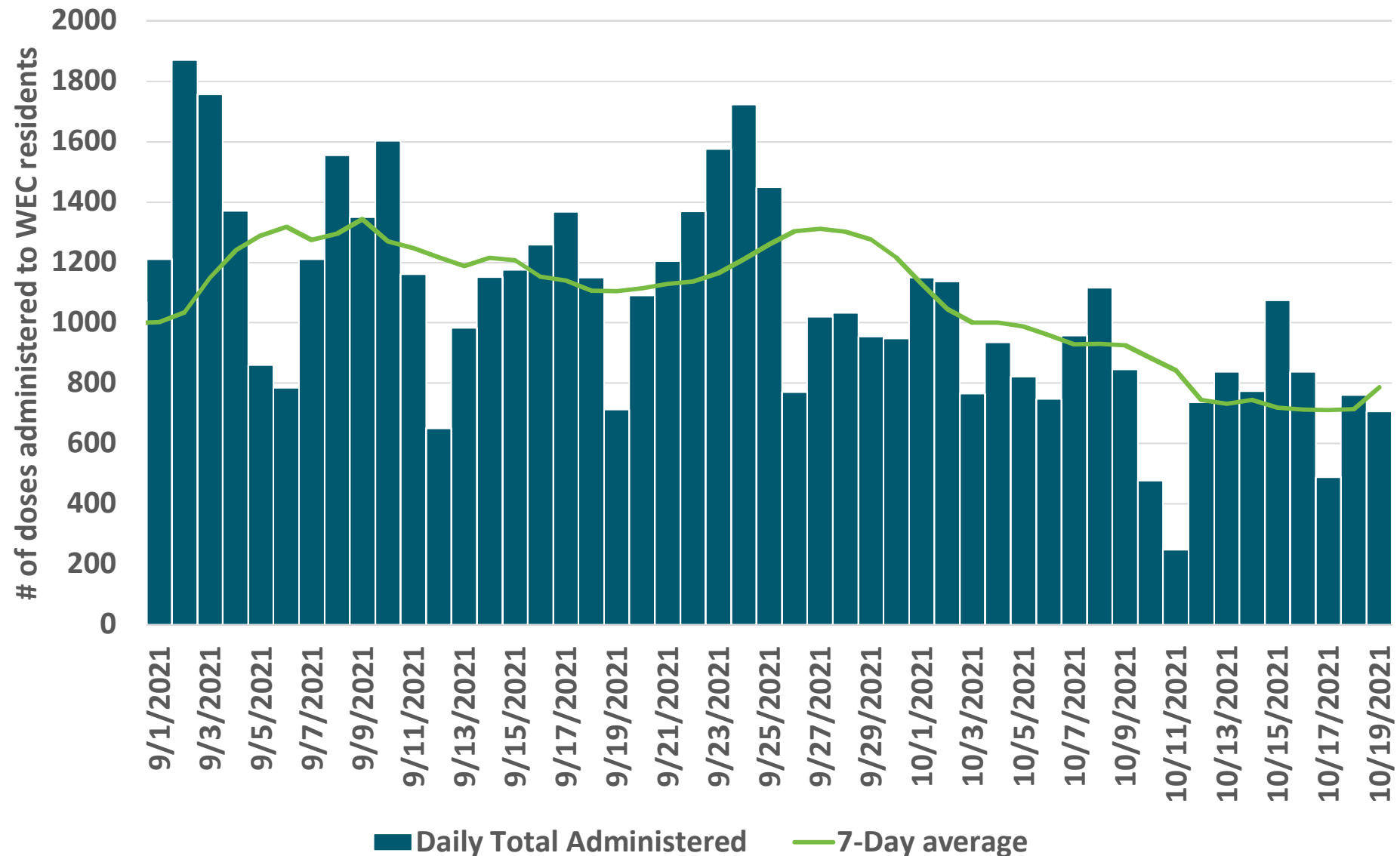
COVID-19 Vaccine Status

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



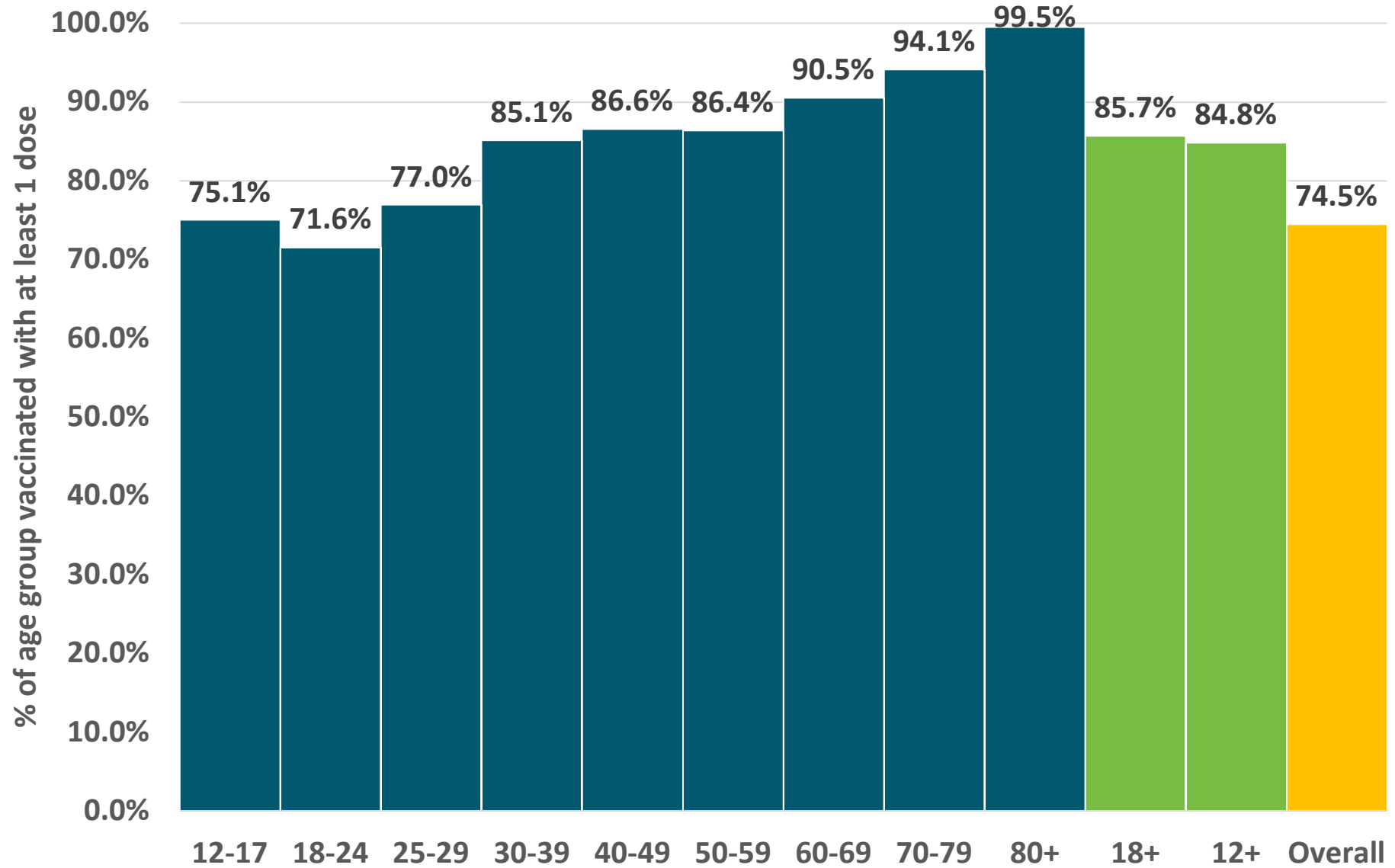
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Daily Doses Administered to Windsor-Essex Residents (September to Present)



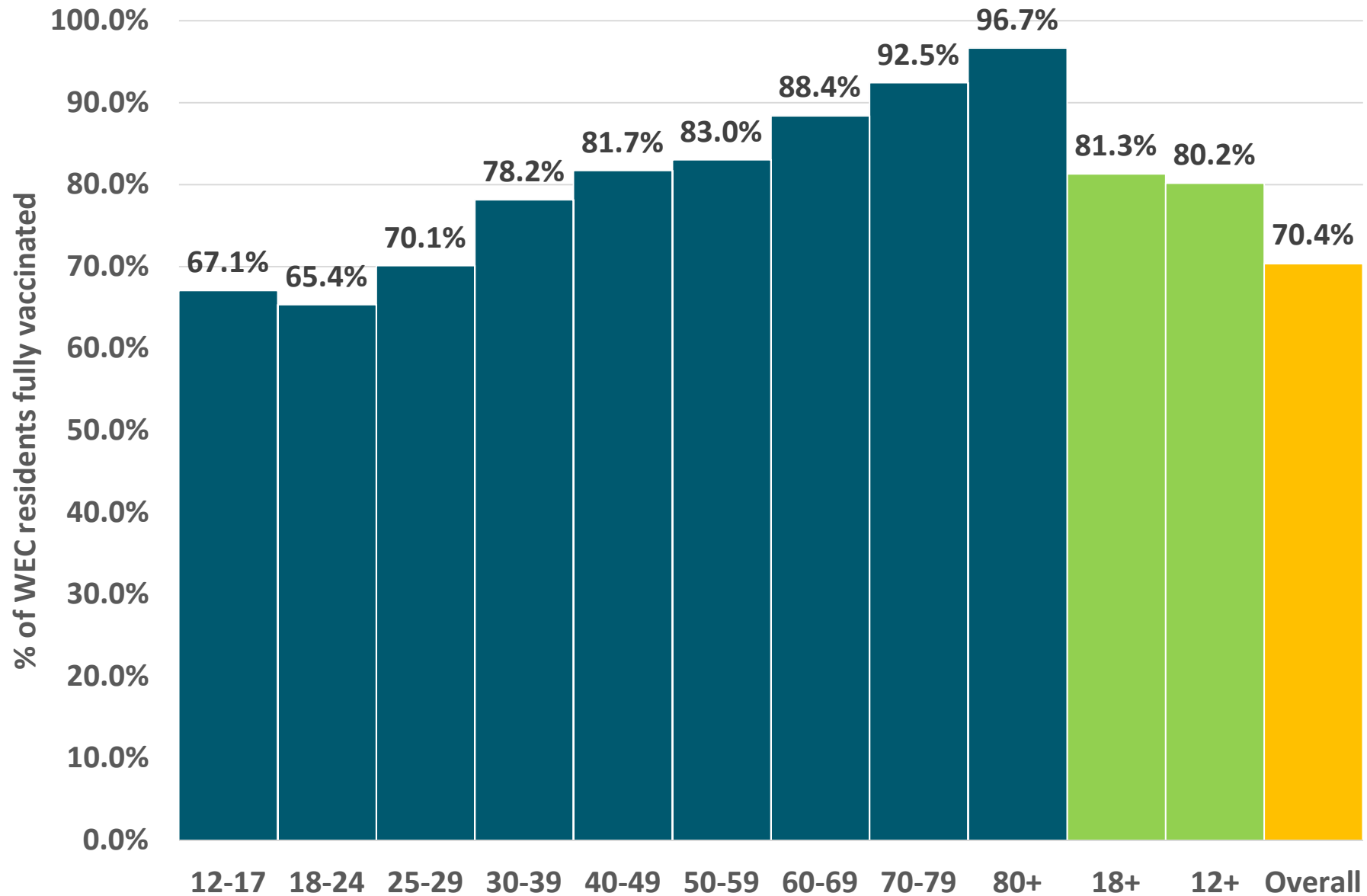
2021-10-21

WEC Residents Vaccinated With At Least One Dose by Age Group



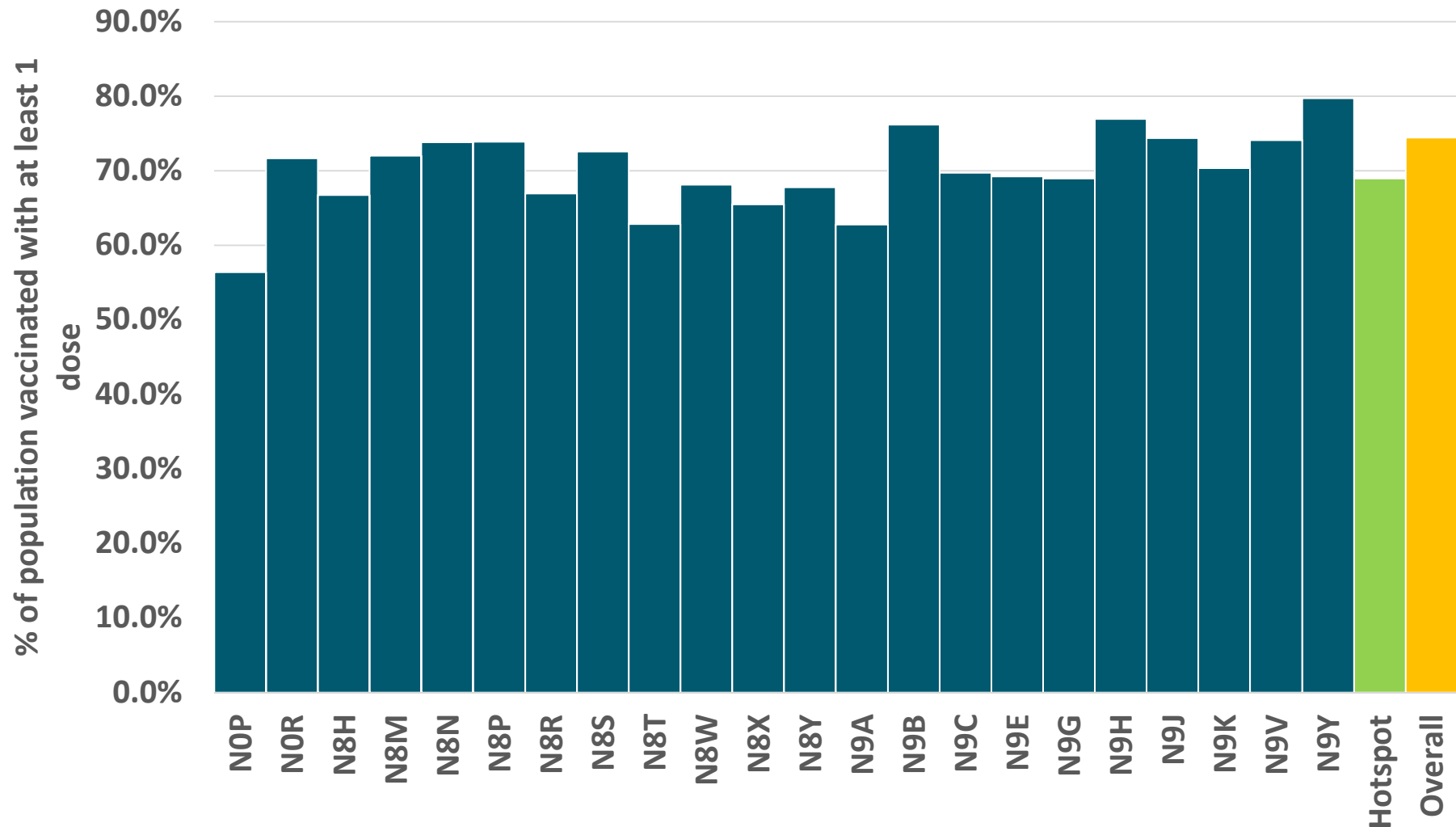
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WEC Residents Fully Vaccinated by Age Group

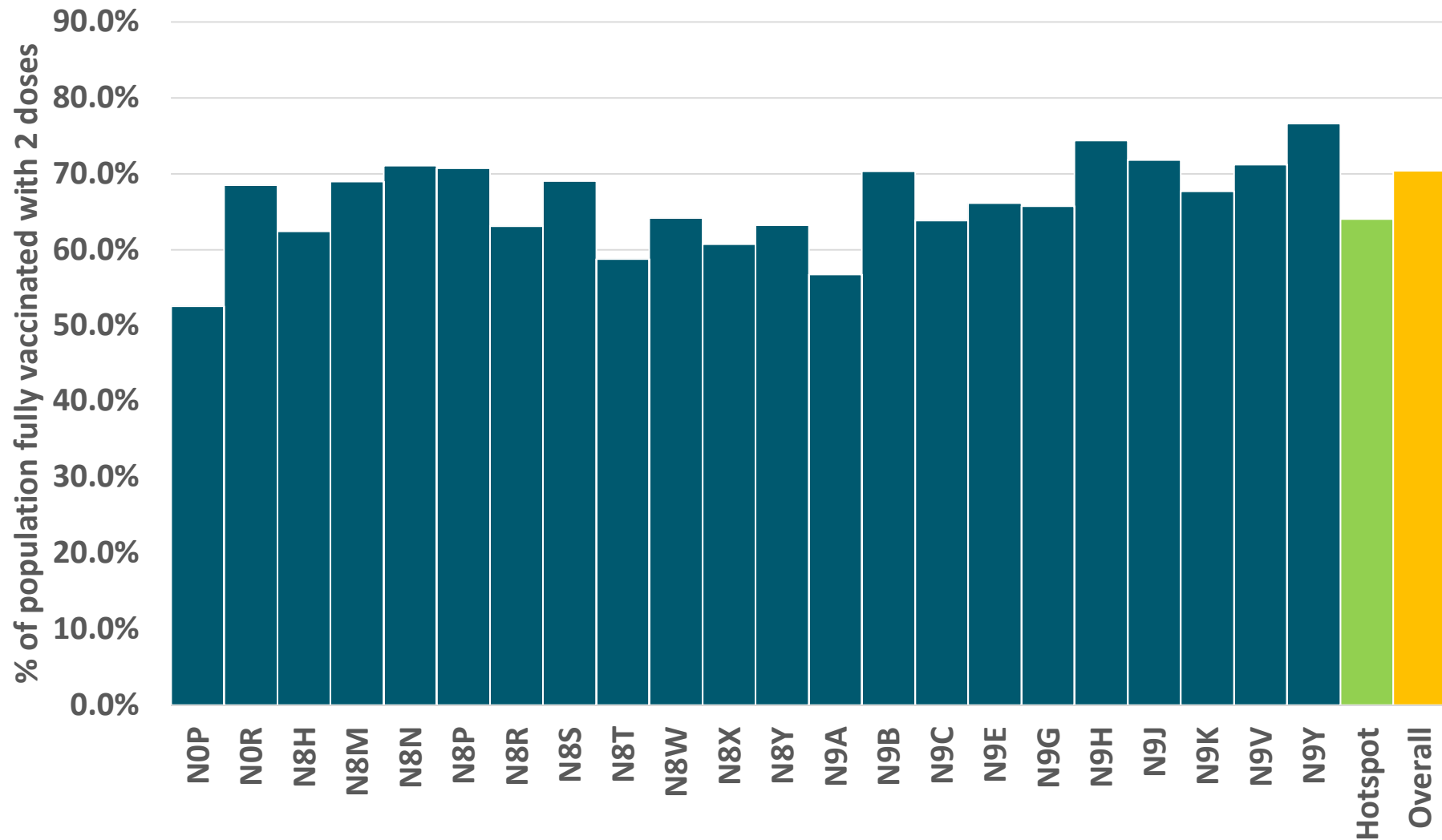


2021-10-21

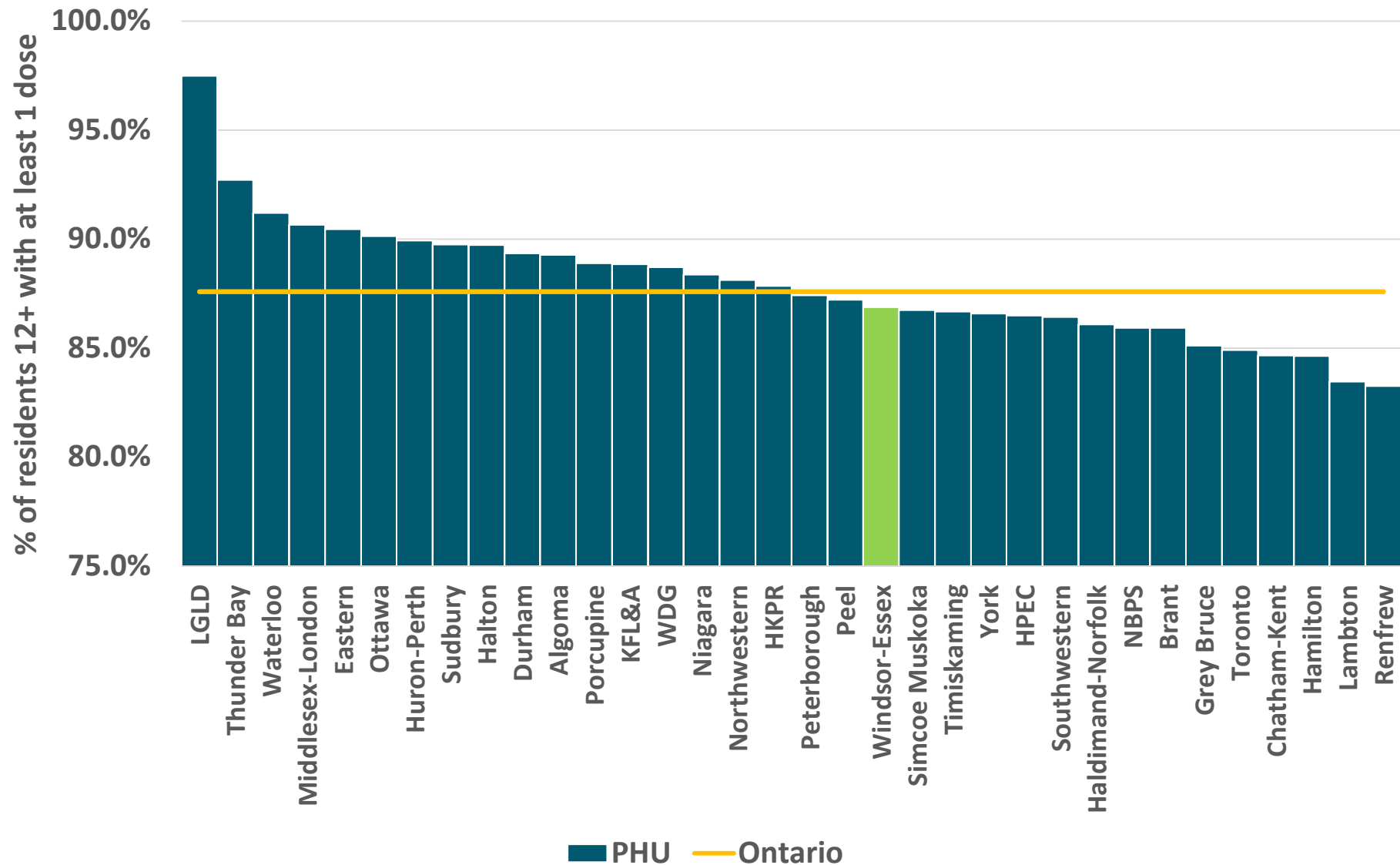
Vaccine Coverage in WEC by Forward Sortation Area With at Least 1 Dose Administered (all residents including children)



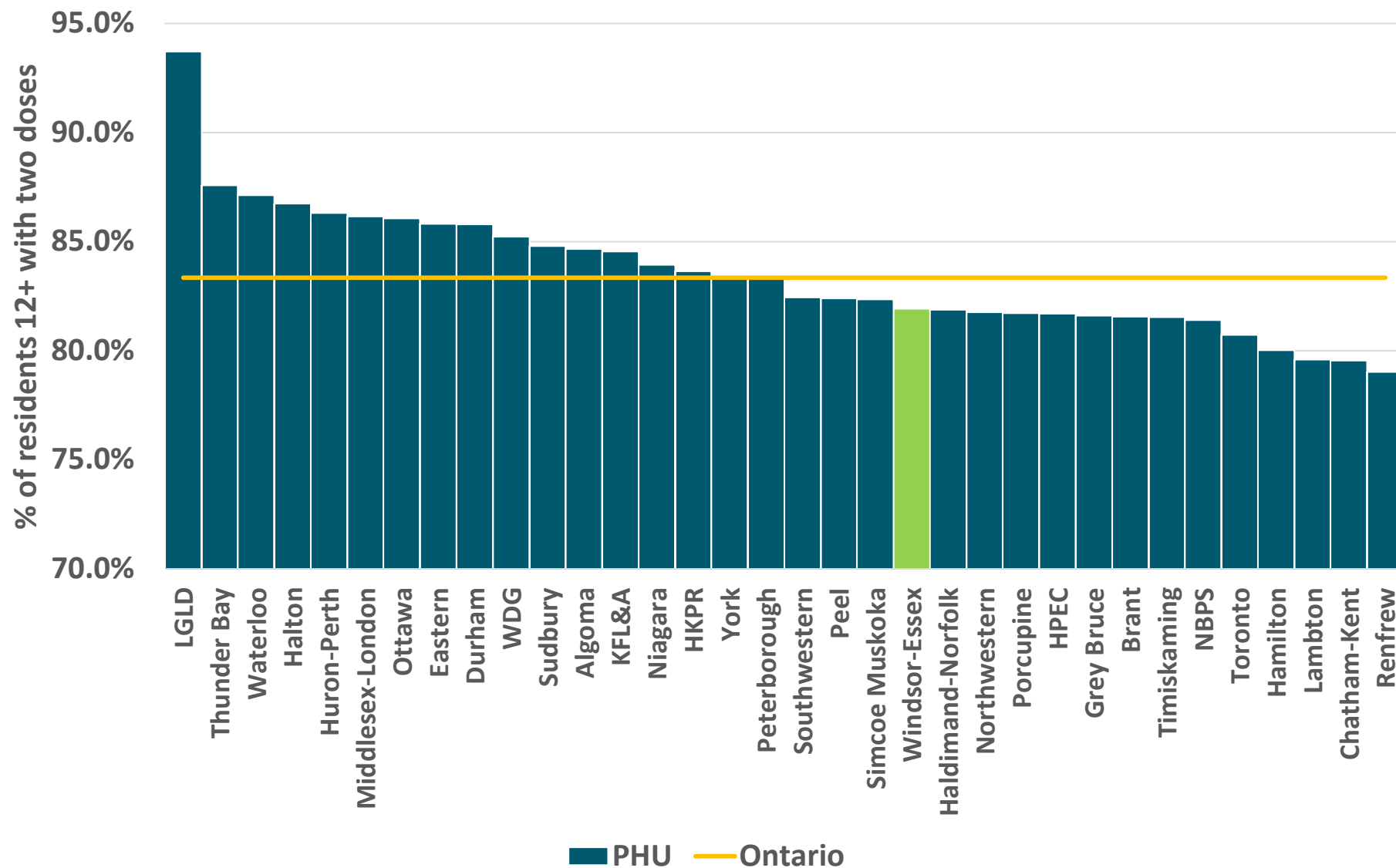
Fully Vaccinated Coverage Rates by Forward Sortation Area in Windsor-Essex County (all residents including children)



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



Percentage of Residents 12+ Fully Vaccinated by Public Health Unit



Summary:

- Case rates in WEC have decreased this week
- Wastewater surveillance data highlights COVID-19 levels remain unchanged this week
- Disproportionately higher cases among children and youth
- COVID-19 related hospitalization and ICU have remain unchanged.
- Number of doses administered has remained unchanged.

Summary of Monitoring Indicators for WEC

- Most recent completed weekly case rate = 47.7 cases/100,000 population
 - Most recent 7-day rate = 45.8 cases/100,000 population
- Percent positivity = 3.6% (full week)
 - Most recent 7-days percent positivity = 3.8%
- R_0 (effective) = 0.91
- Outbreaks remain high in our region
- 84.8% of Windsor-Essex residents 12+ have received with at least 1 dose
- 80.2% of Windsor-Essex residents 12+ are fully vaccinated