



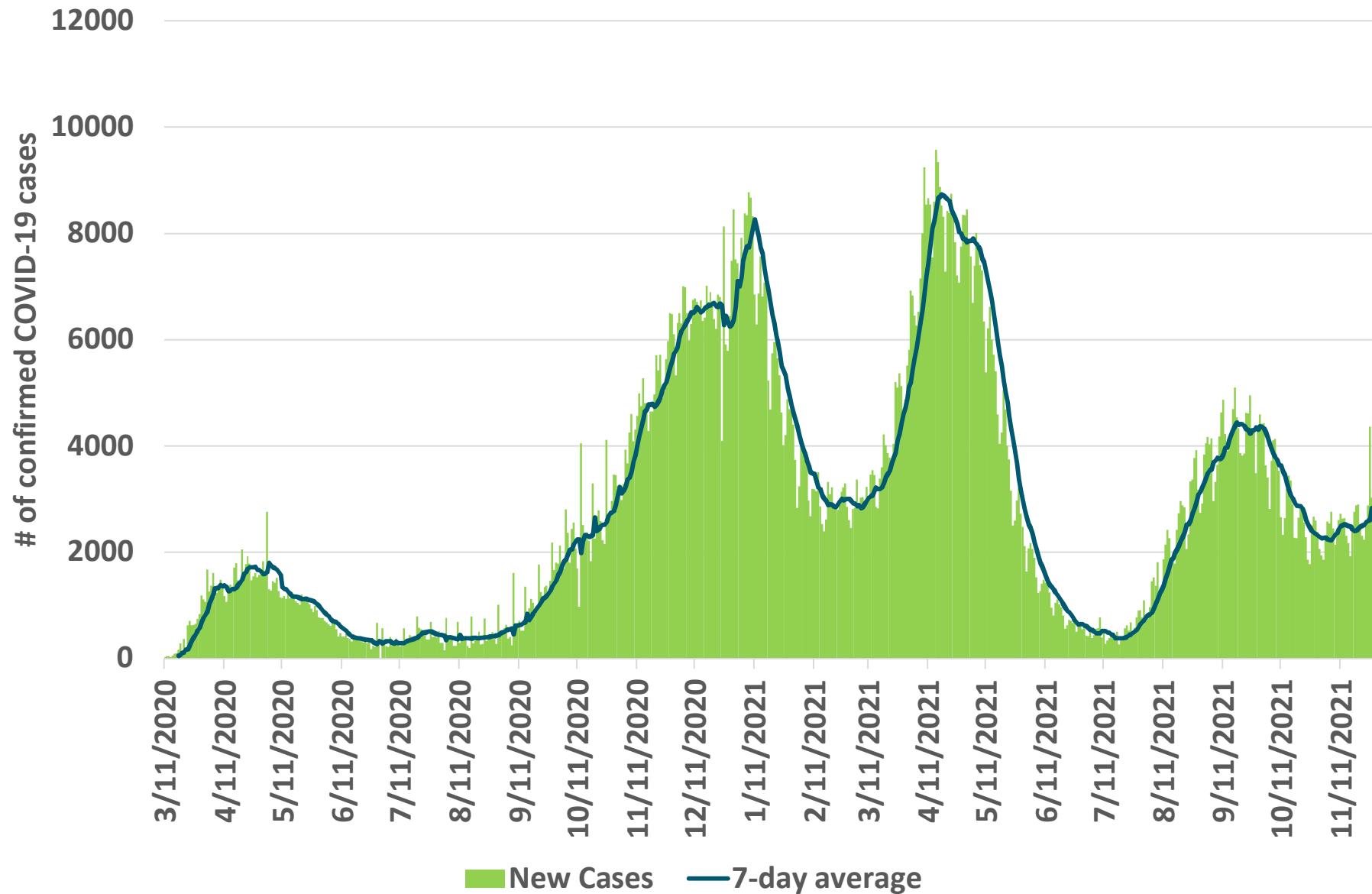
COVID-19 *LIVE UPDATE*

December 2, 2021

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

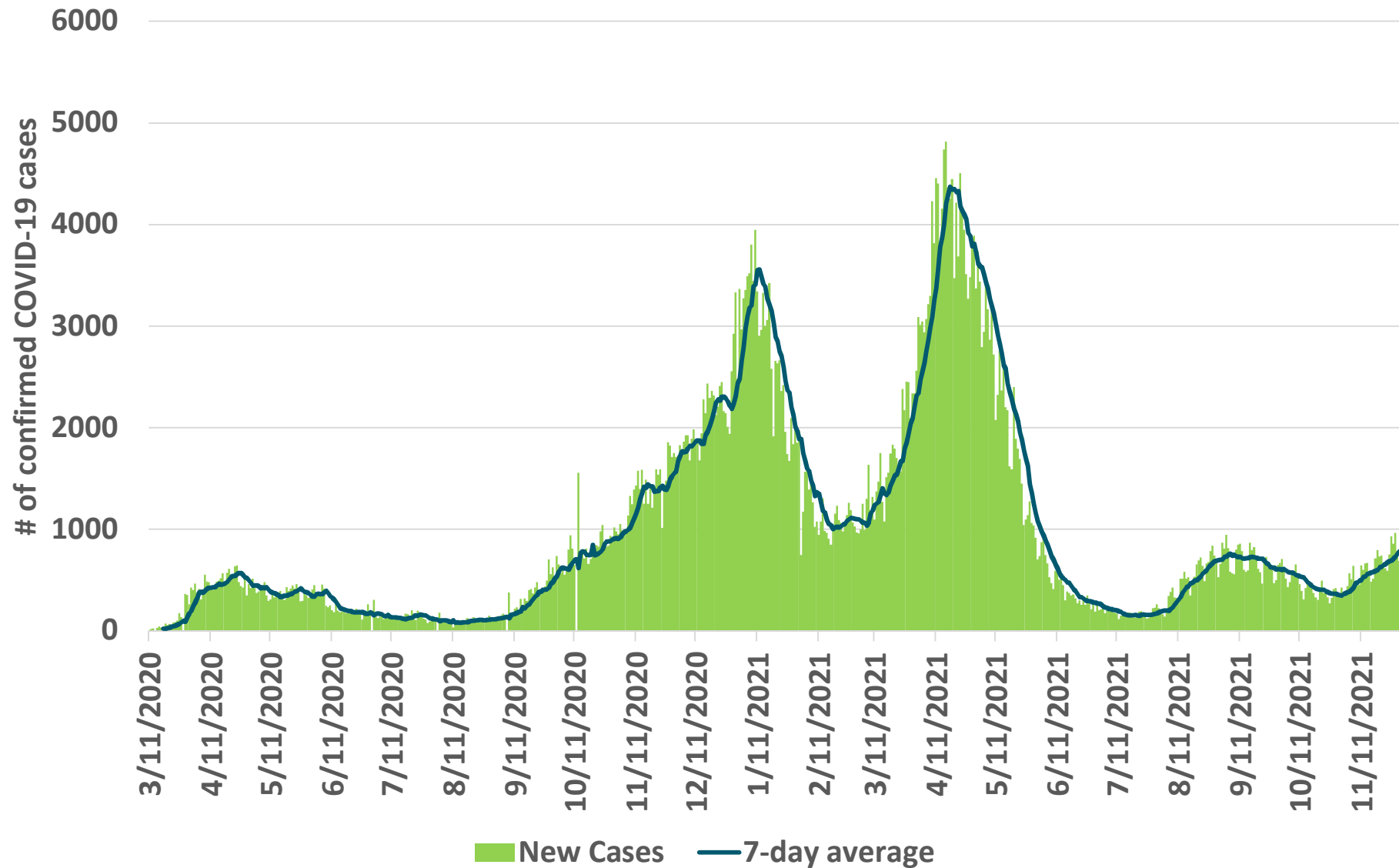
COVID-19 Cases in the Canada, Ontario, and Windsor-Essex

Epidemic Curve by Reported Date in Canada



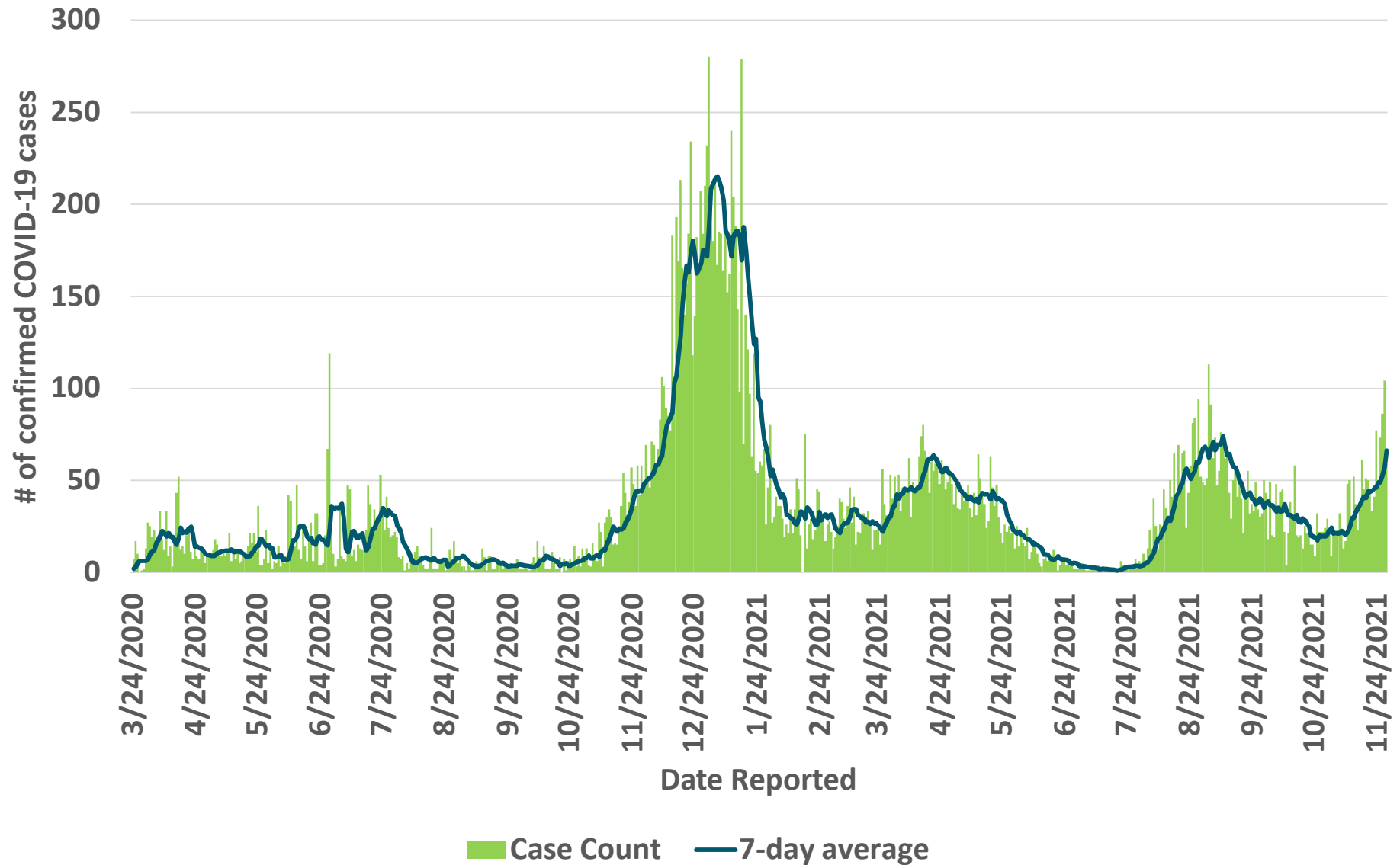
2021-12-02

Epidemic Curve by Reported Date in Ontario



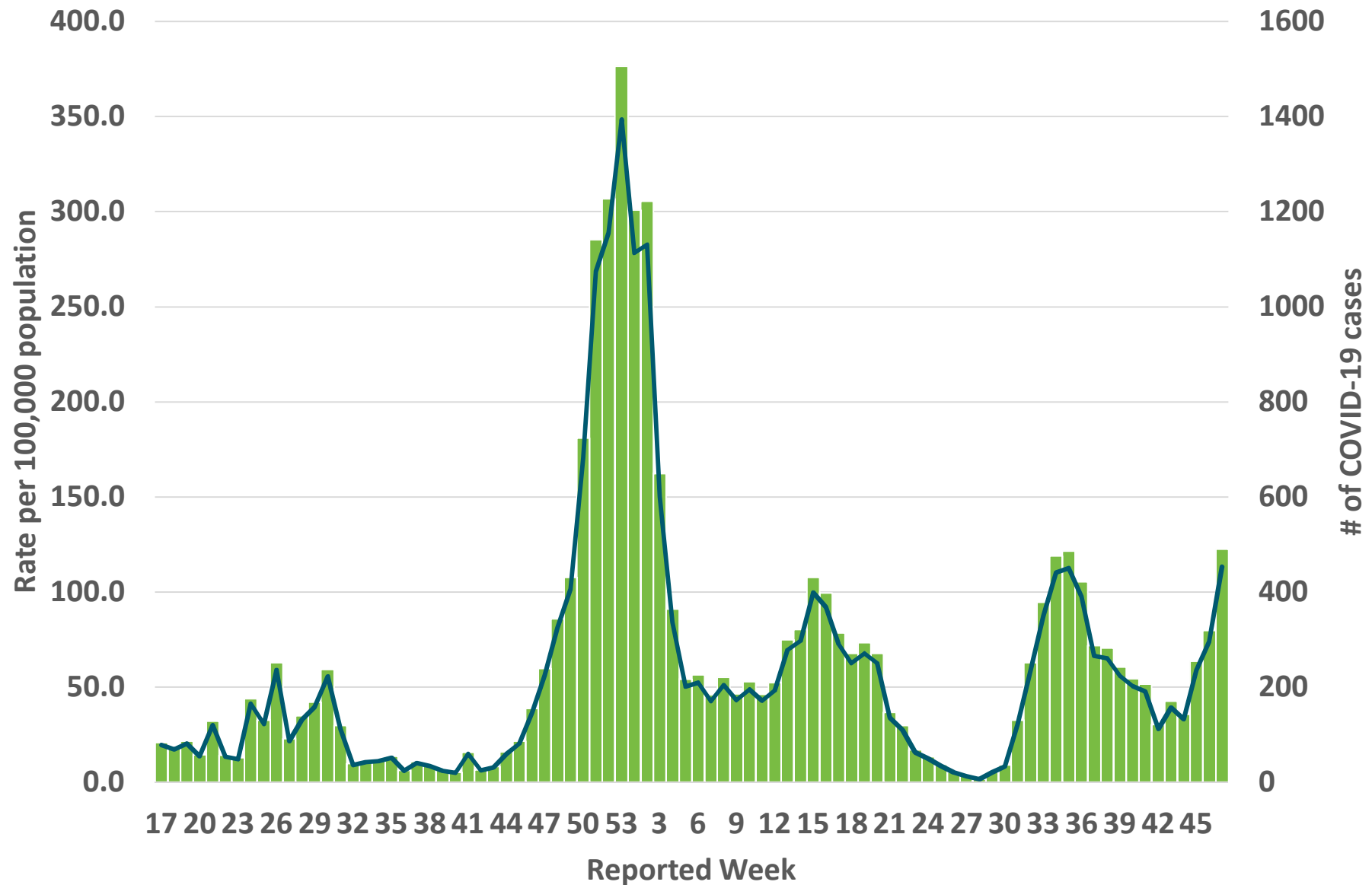
2021-12-02

Epidemic Curve by Reported Date in Windsor-Essex



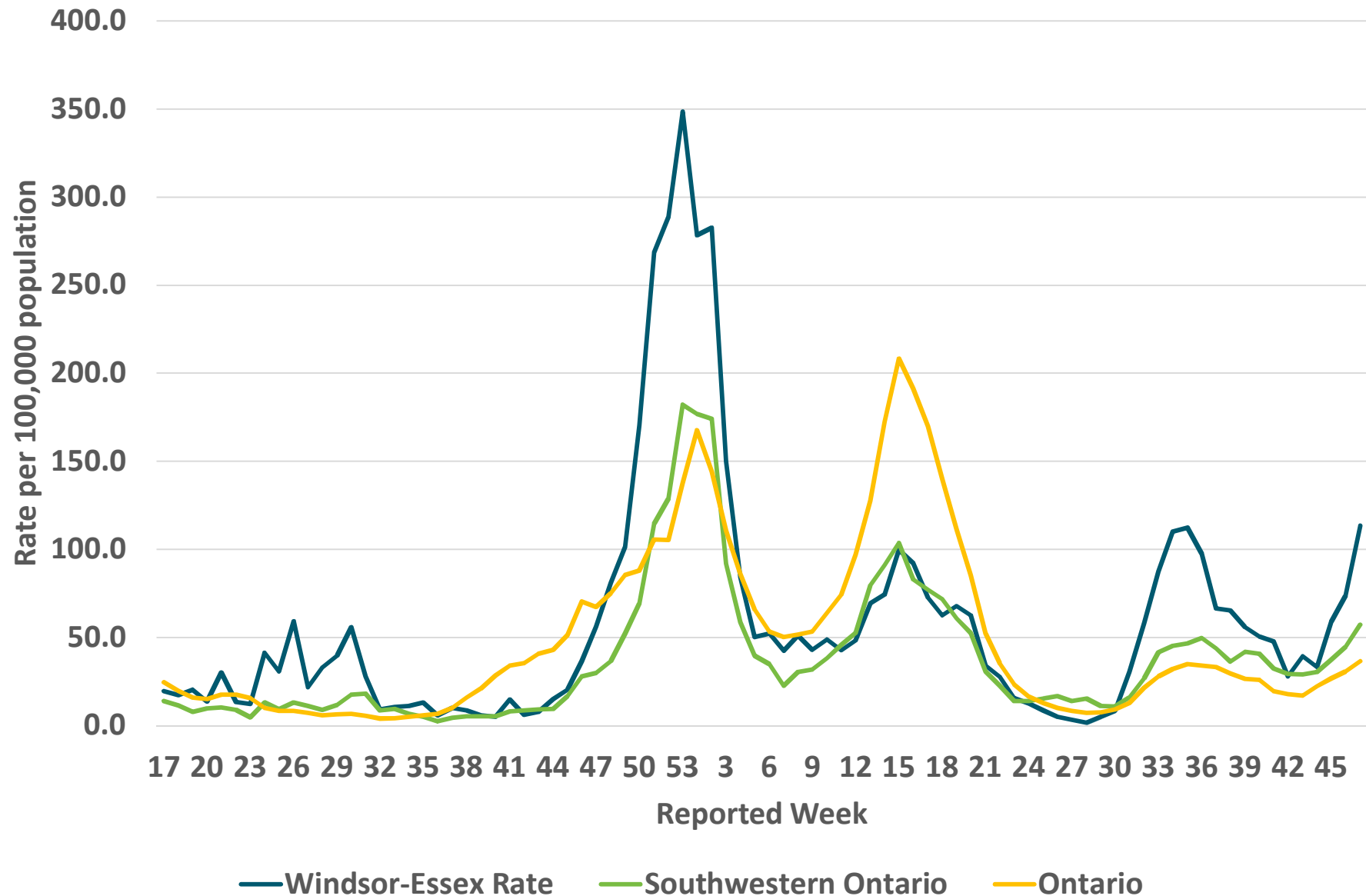
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Windsor-Essex Rate by Reported Week



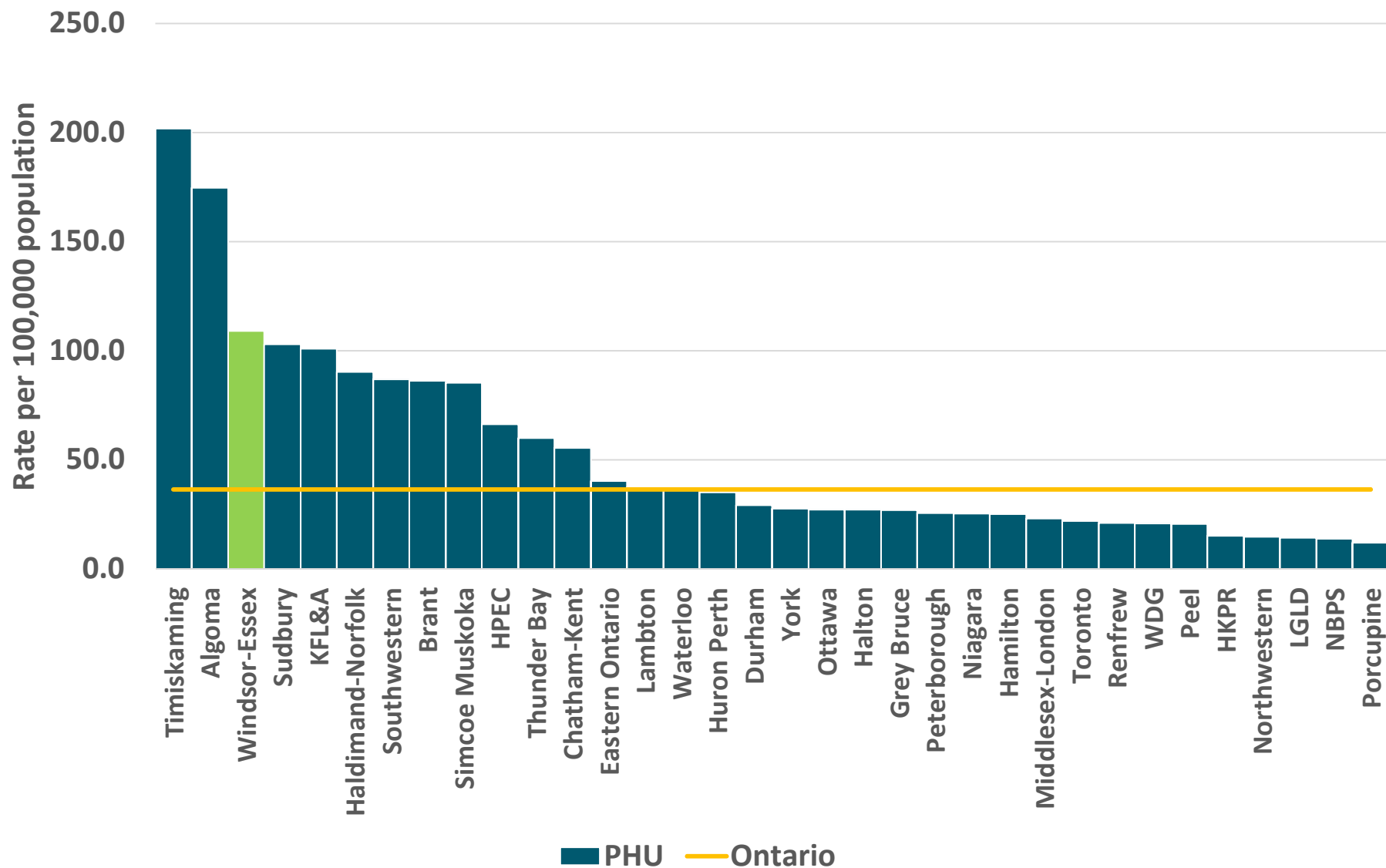
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Weekly Comparison of Rates in Ontario

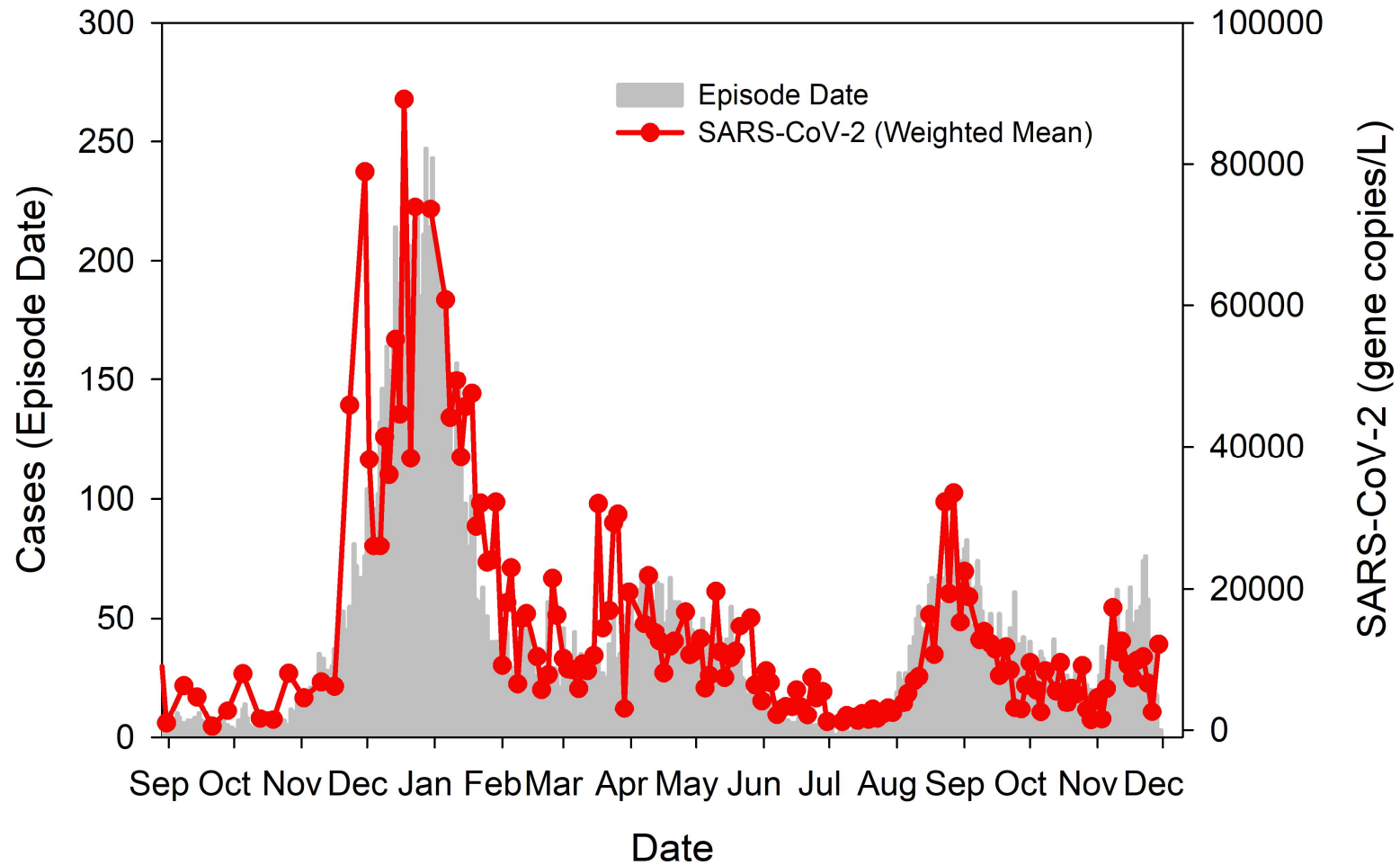


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Week 47 Case Rates by Public Health Unit (November 21 to November 27, 2021)



Windsor-Essex Wastewater Data



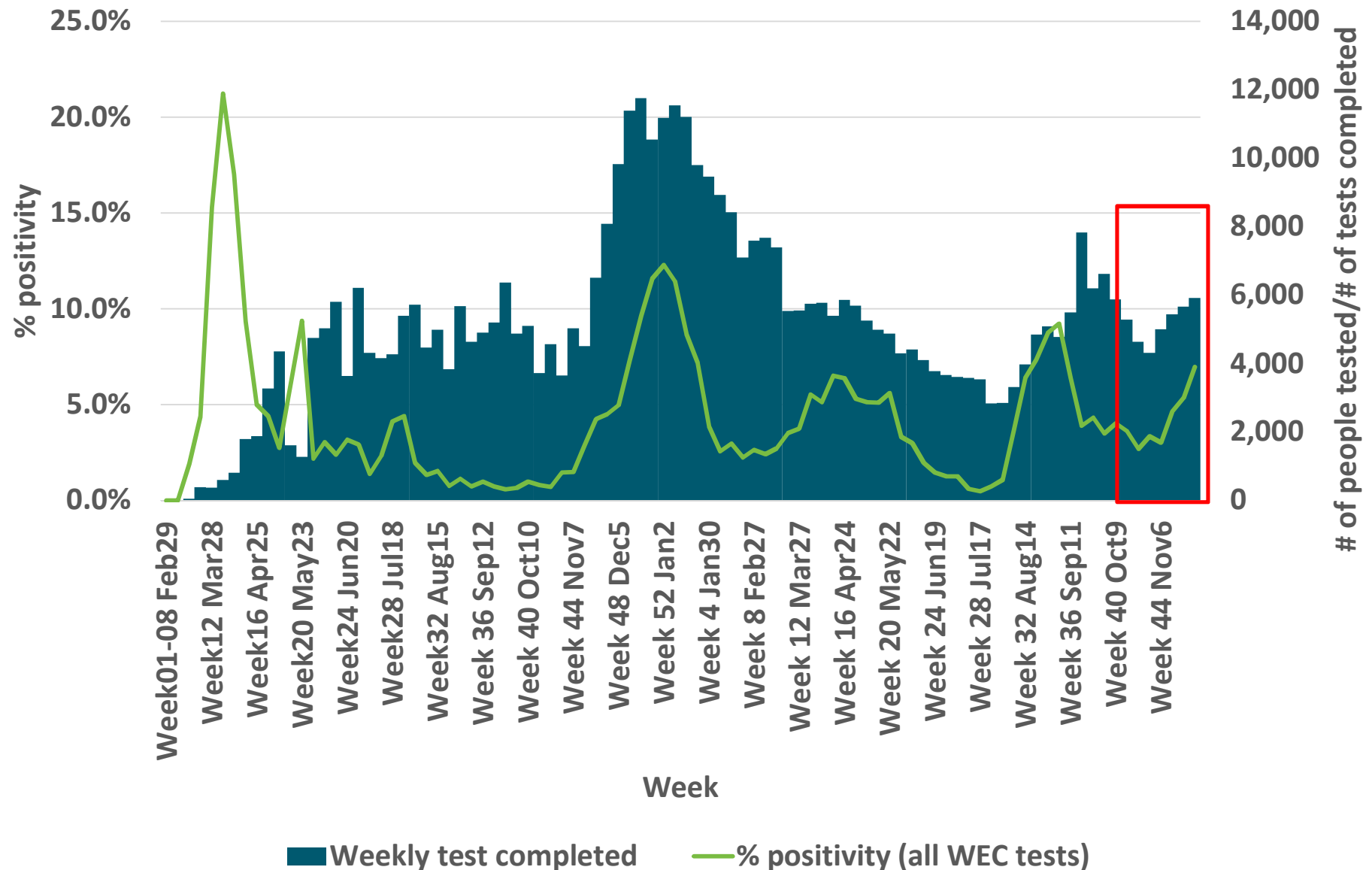
GLIER
GREAT LAKES INSTITUTE FOR
ENVIRONMENTAL RESEARCH
at the University of Windsor



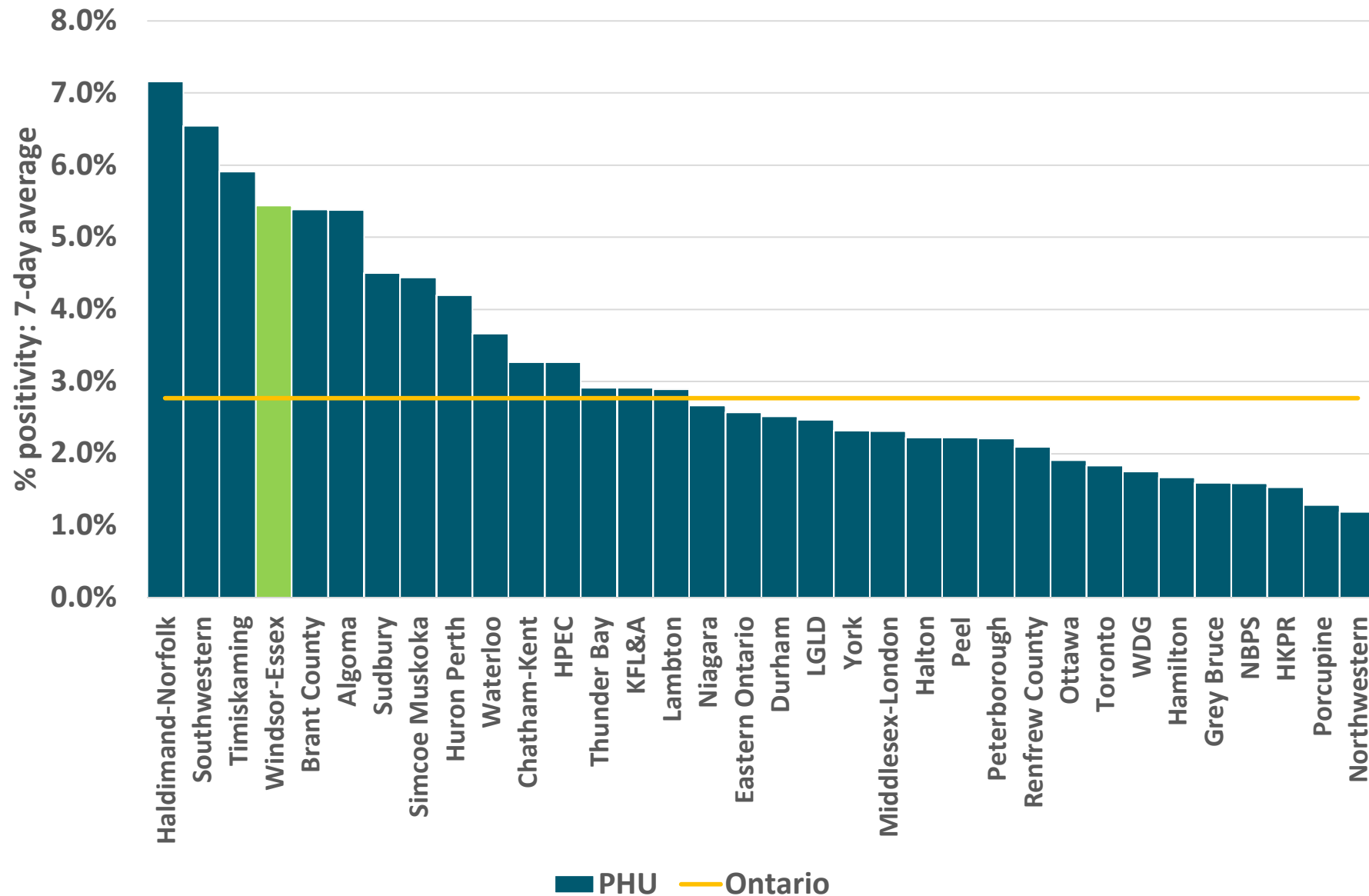
University
of Windsor

uwindsor.ca/GLIER

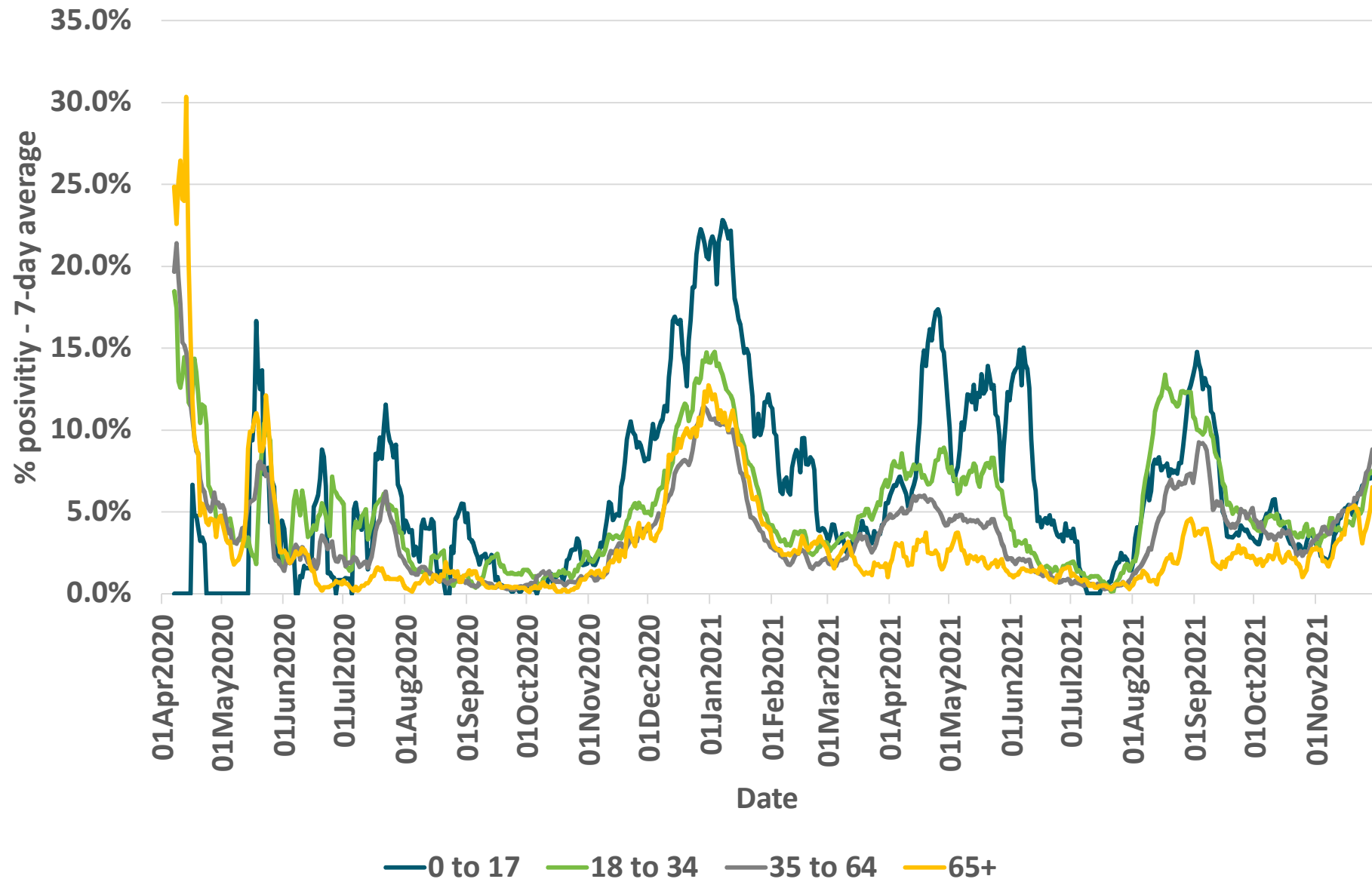
Percent Positivity by Week by All Tests



% Positivity in Ontario: 7-Day Average

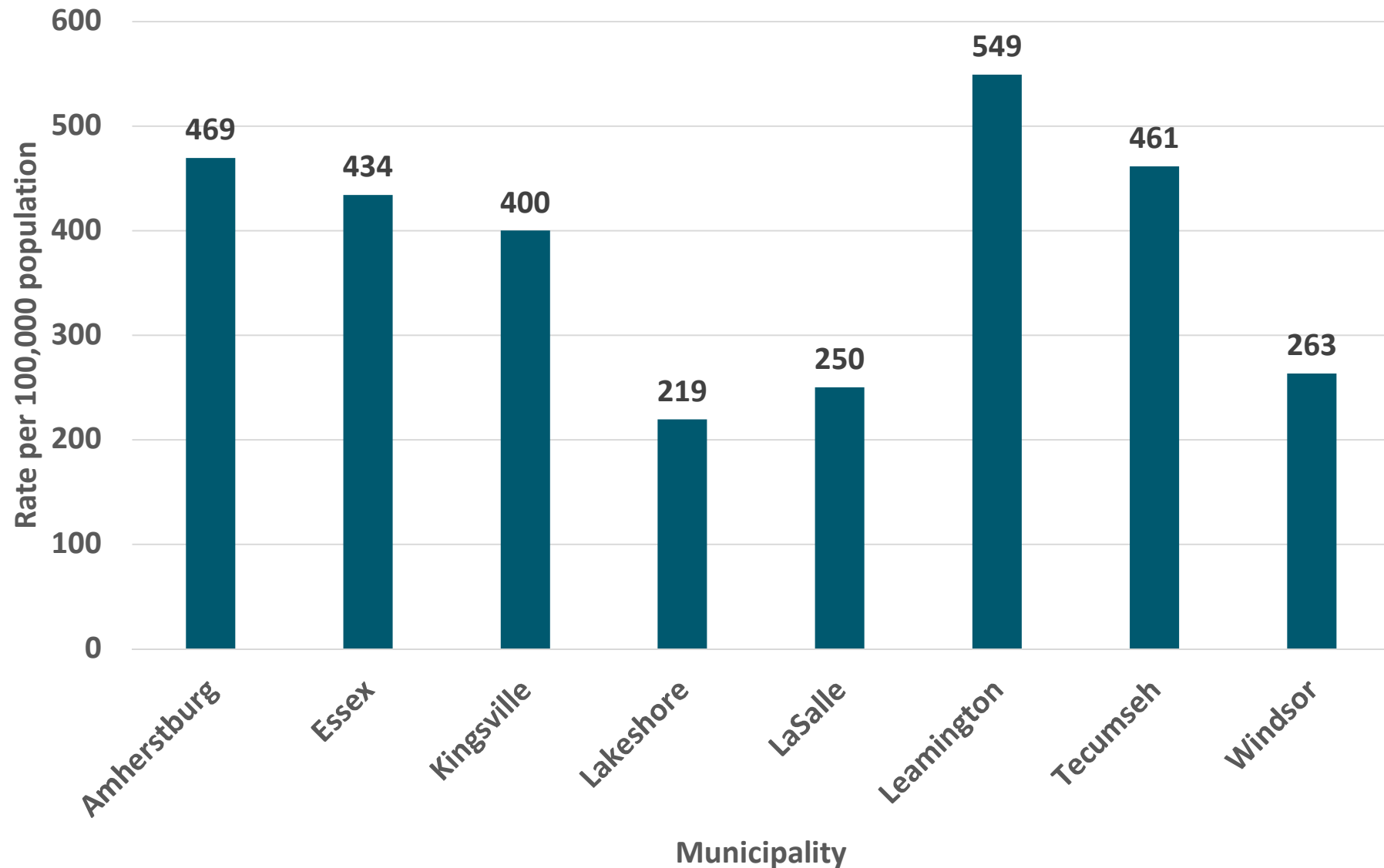


% Positivity in Windsor-Essex by Age: 7-Day Average

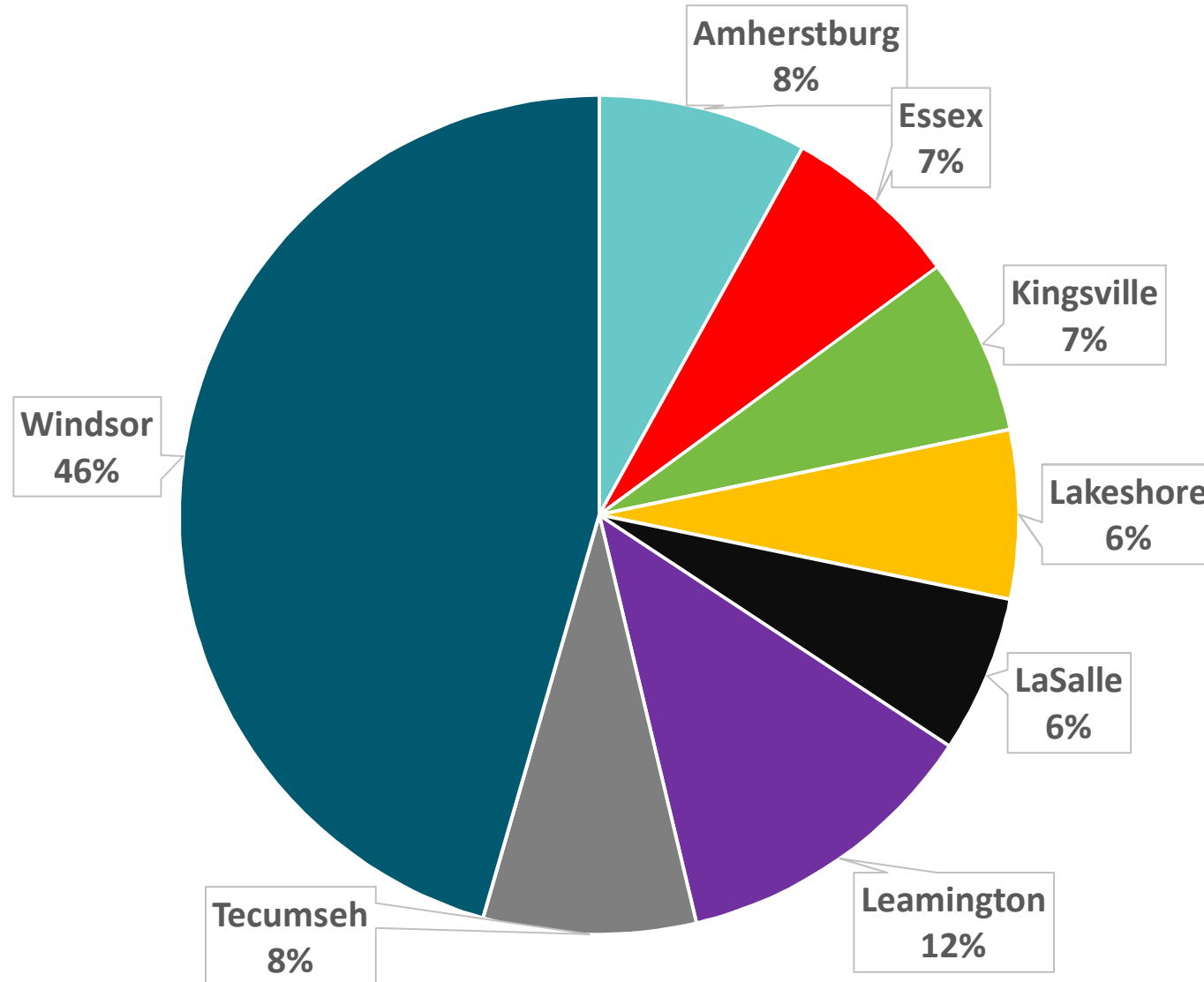


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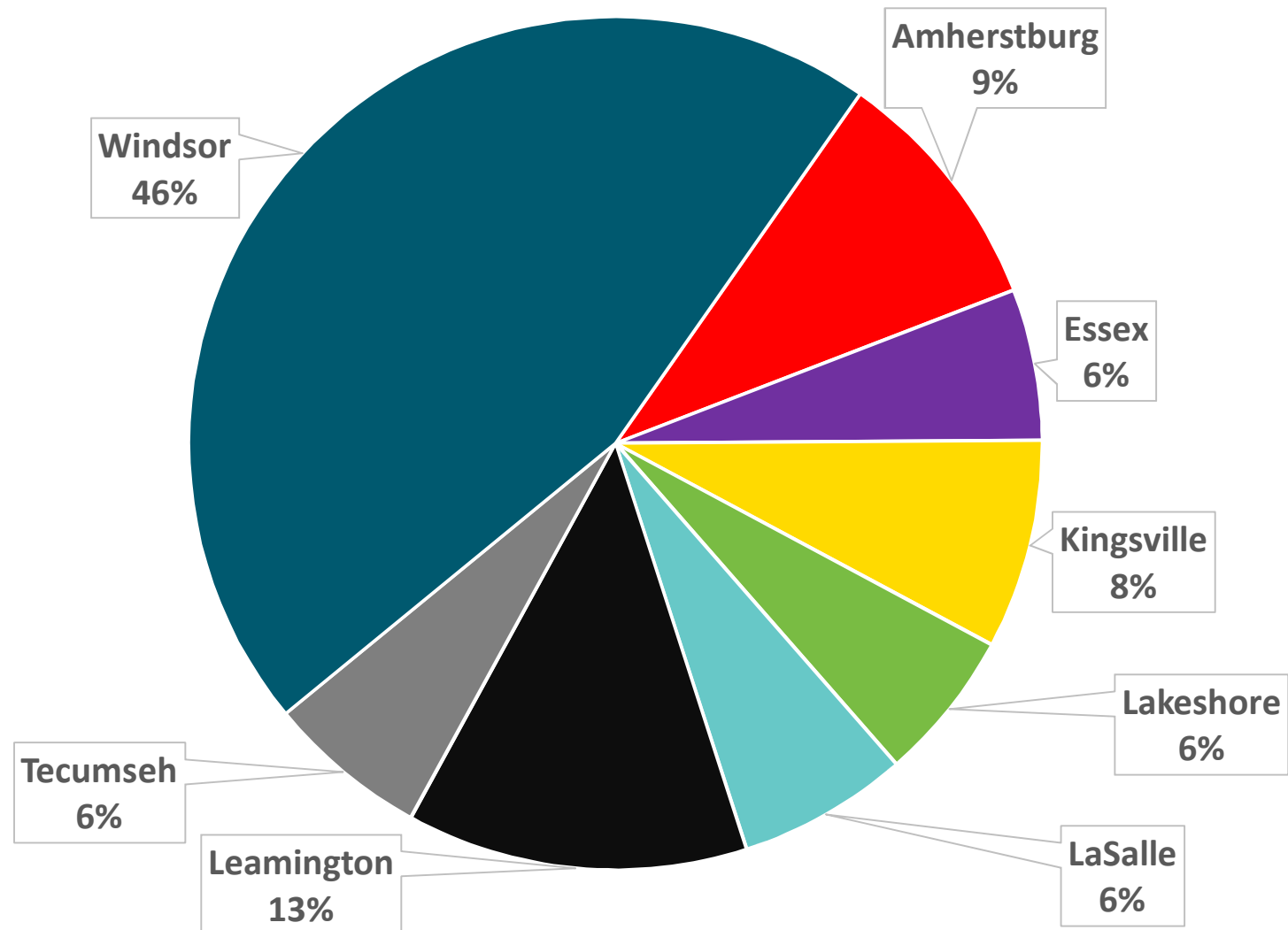
Rate per 100,000 by Municipality (November 2021 to Present)



Distribution of COVID-19 Cases by Municipality in last 30 days (November 1 to November 30)

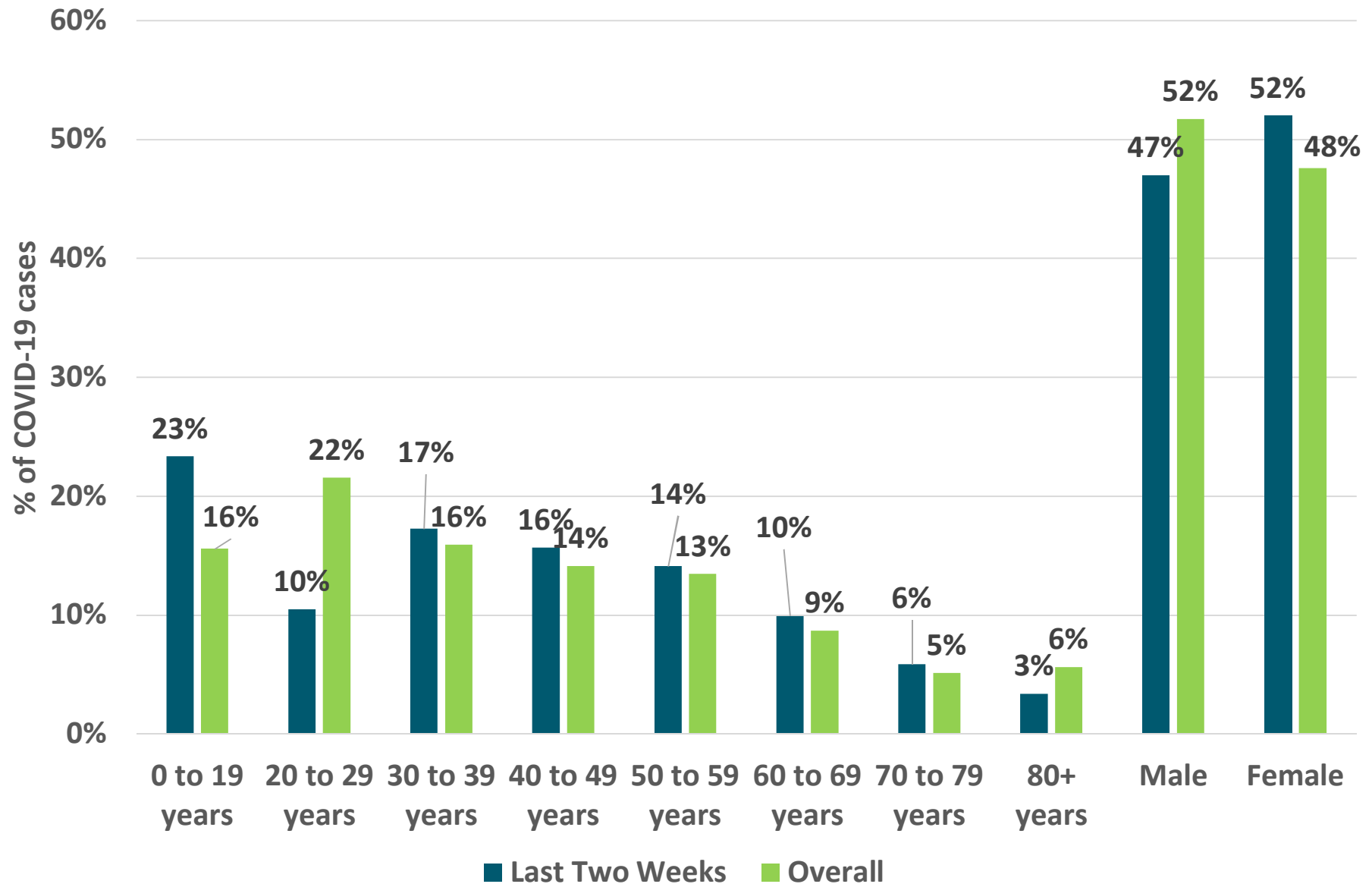


Distribution of COVID-19 Cases by Municipality in last 7 days (November 17 to November 30)



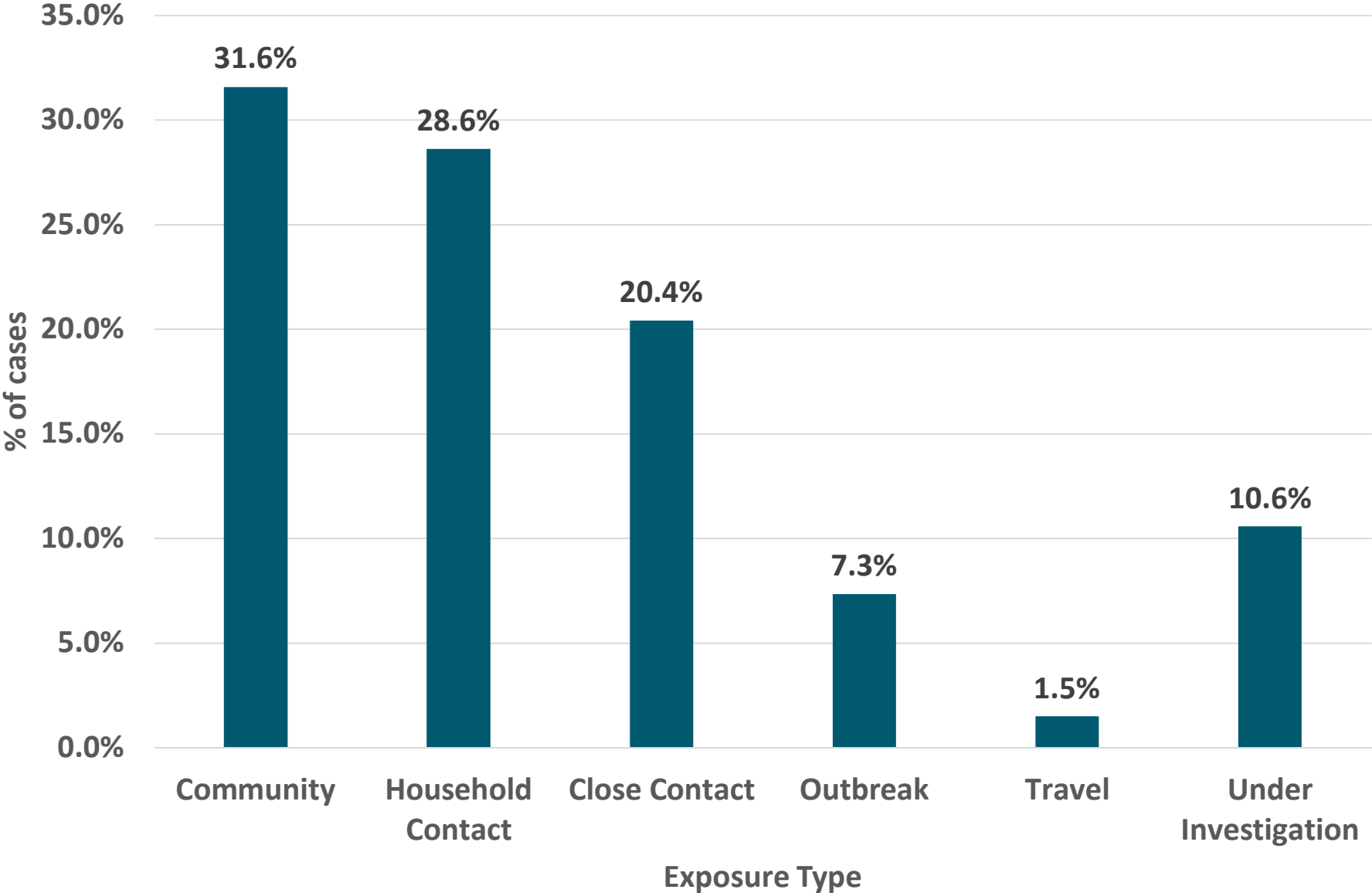
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Age & Sex Distribution

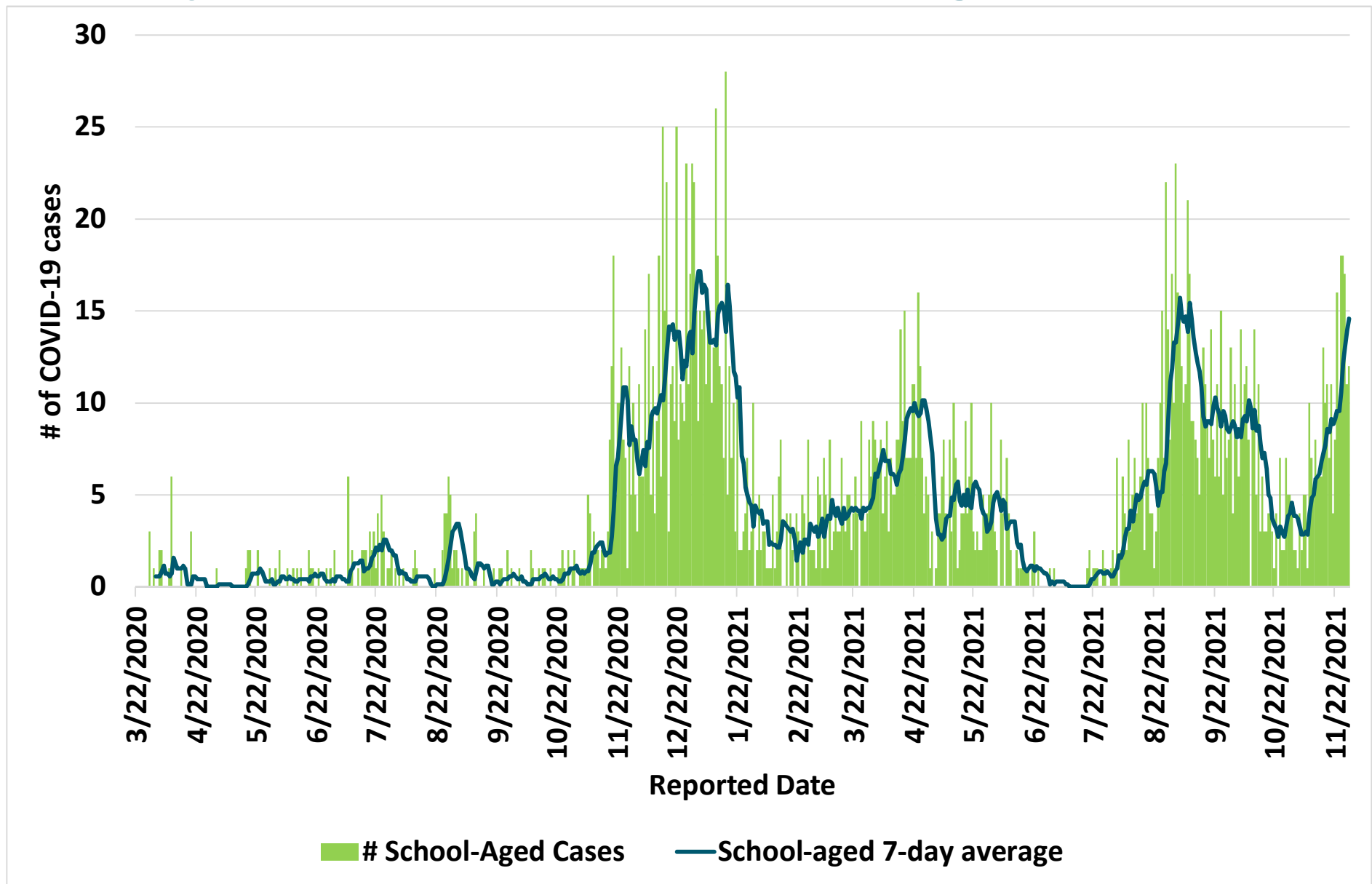


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Source of Acquisition (November to Present)

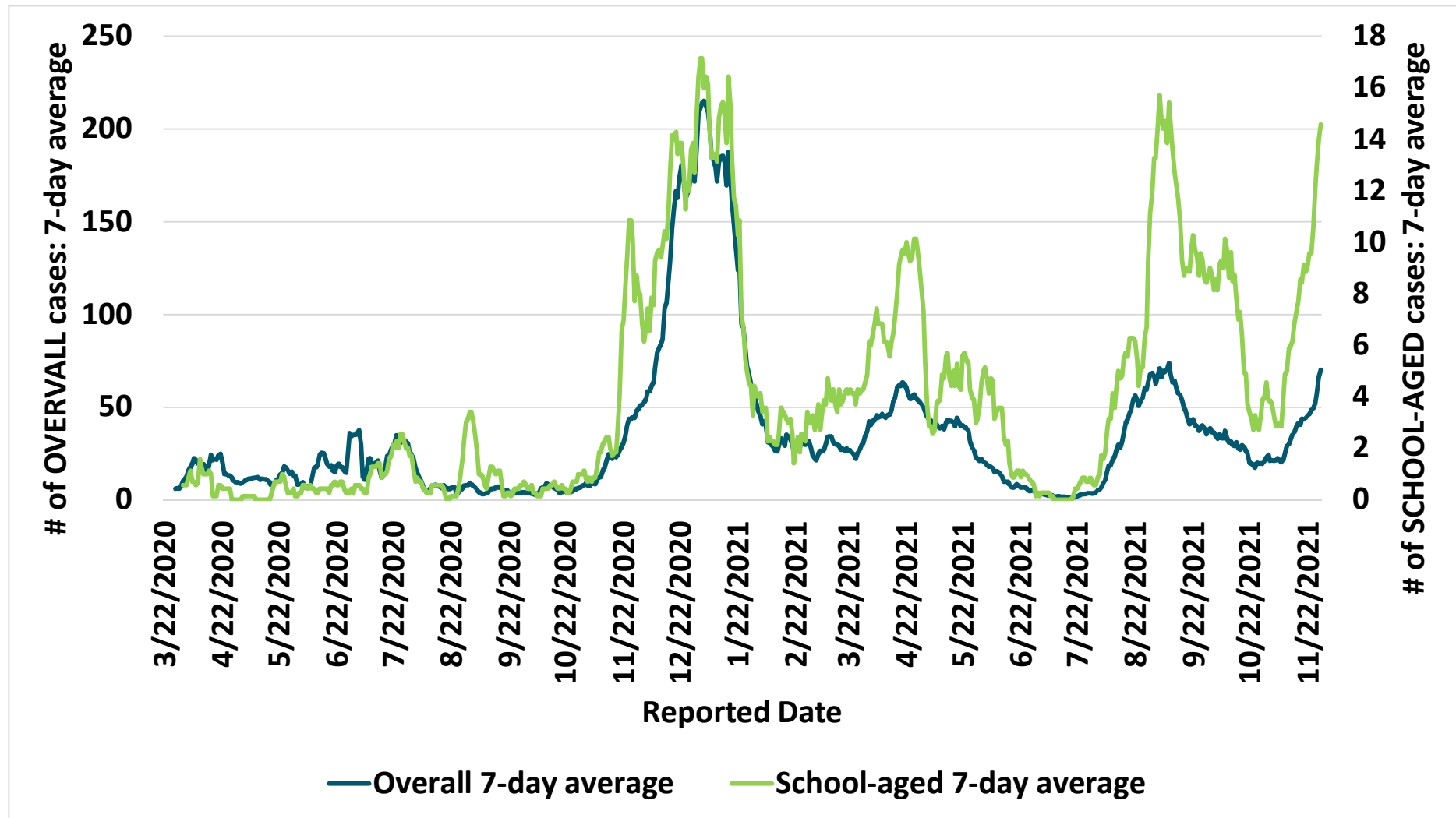


Epidemic Curve of School-Aged Cases

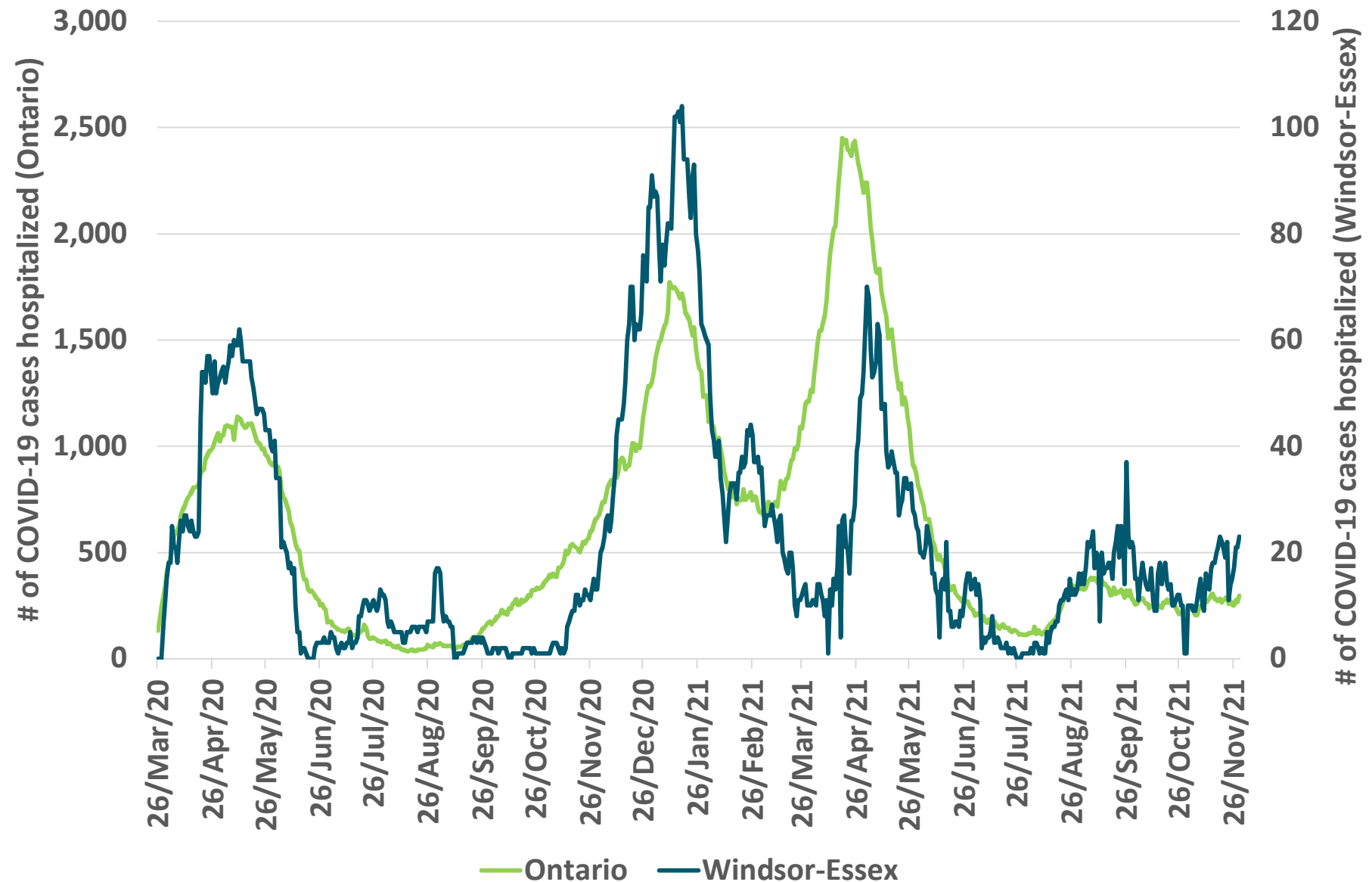


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7-Day Average Comparison Between School-Aged Children & Overall Windsor-Essex Population

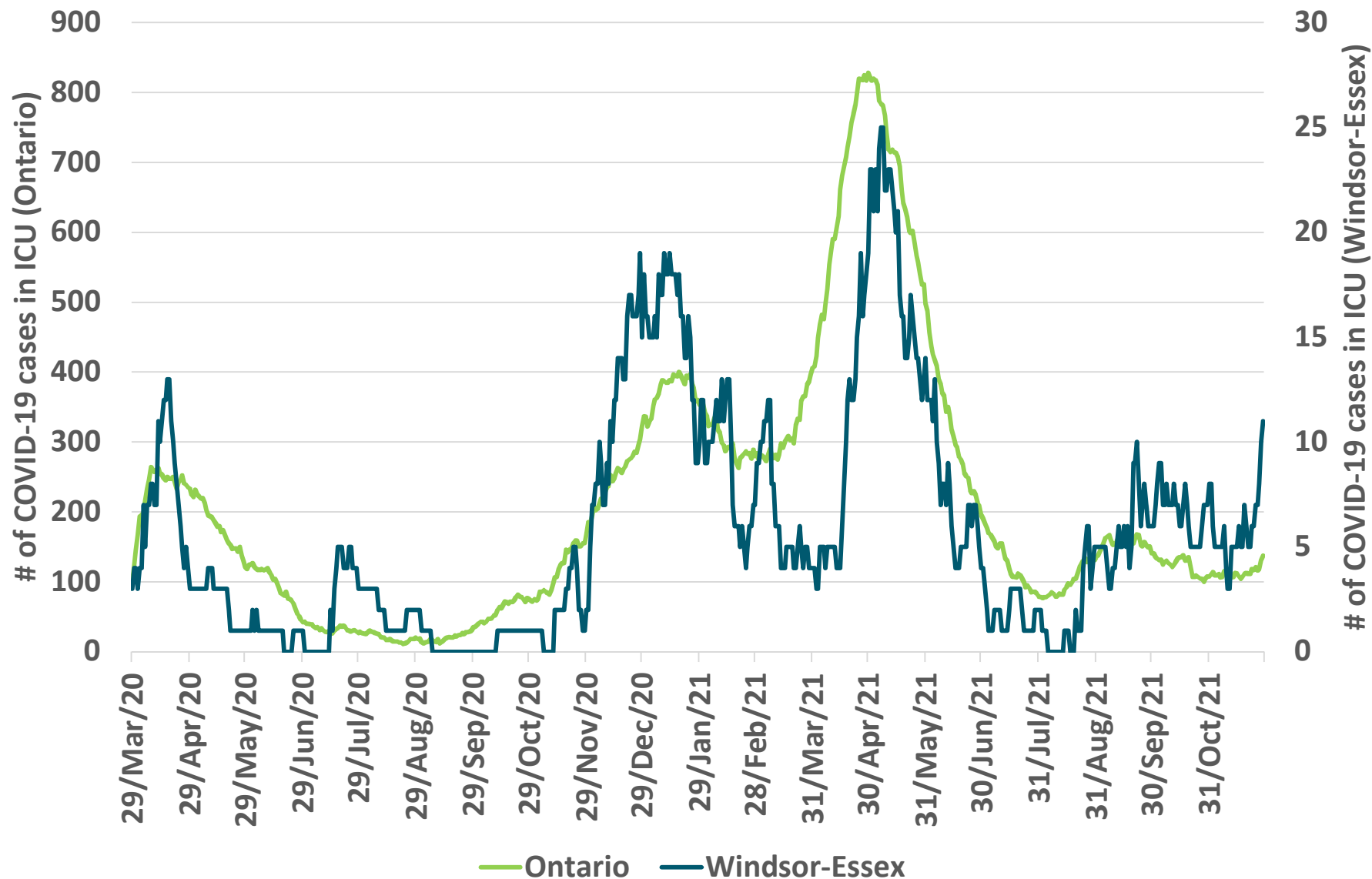


COVID-19 In-Patient Hospitalizations



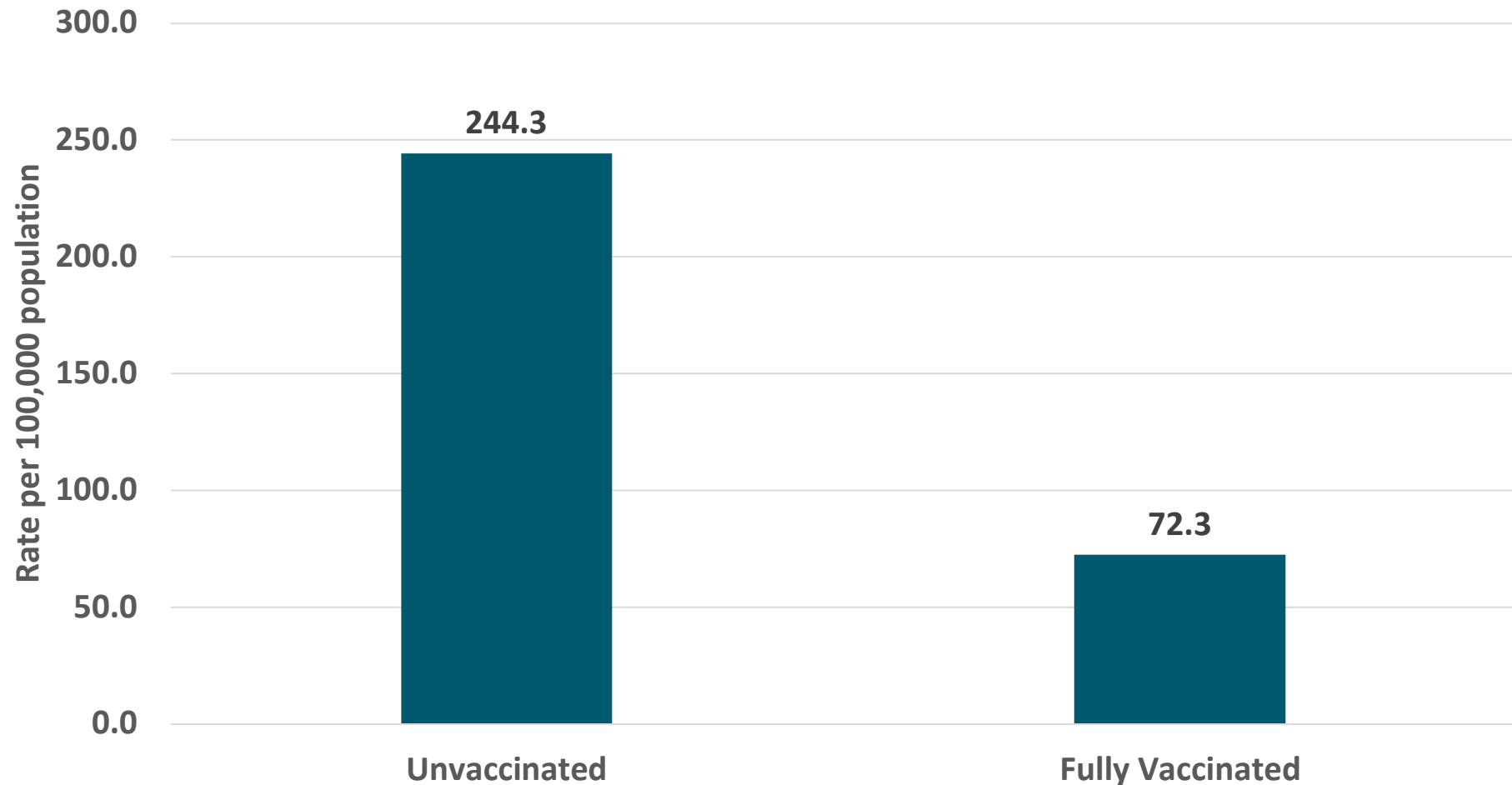
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COVID-19 ICU



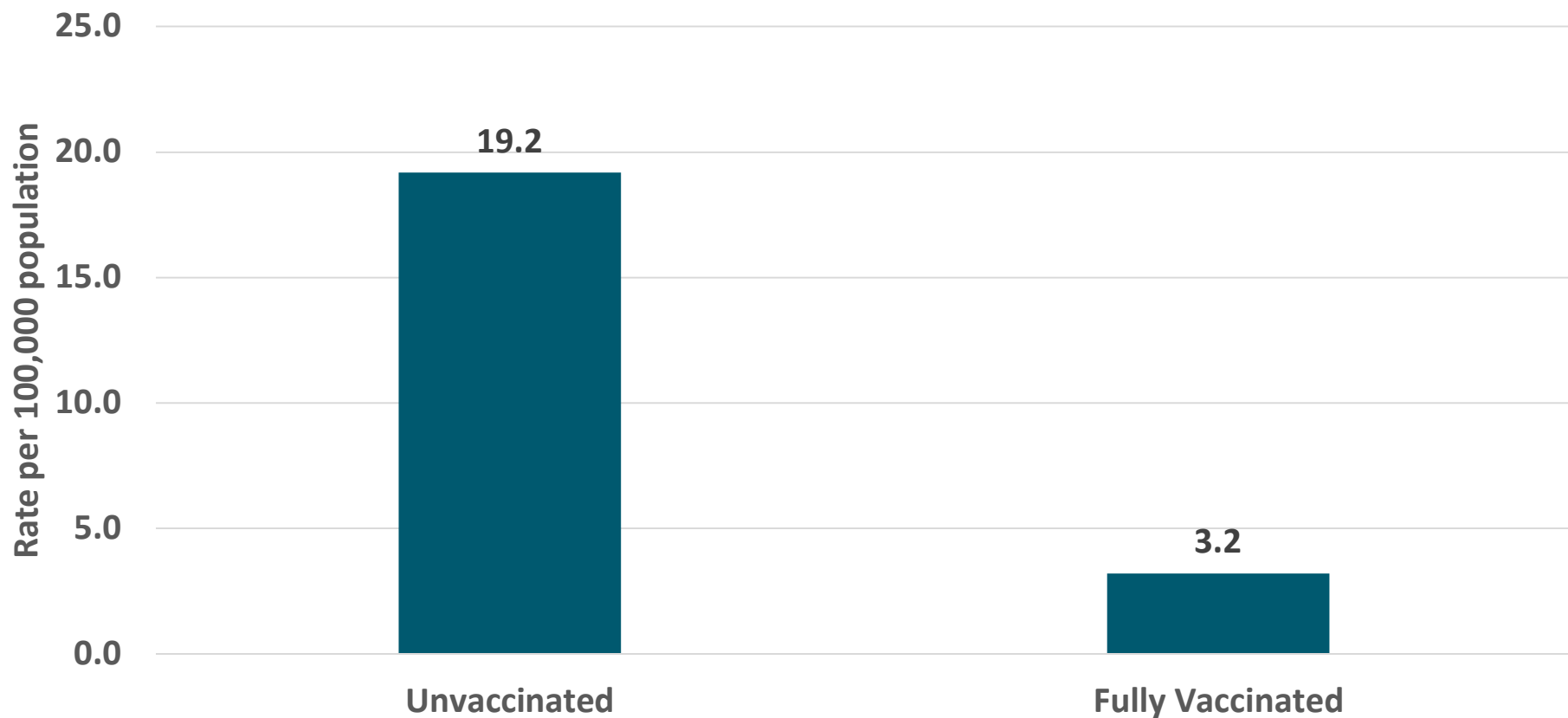
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Weekly Vaccination Case Rates (November 22 to November 28, 2021)



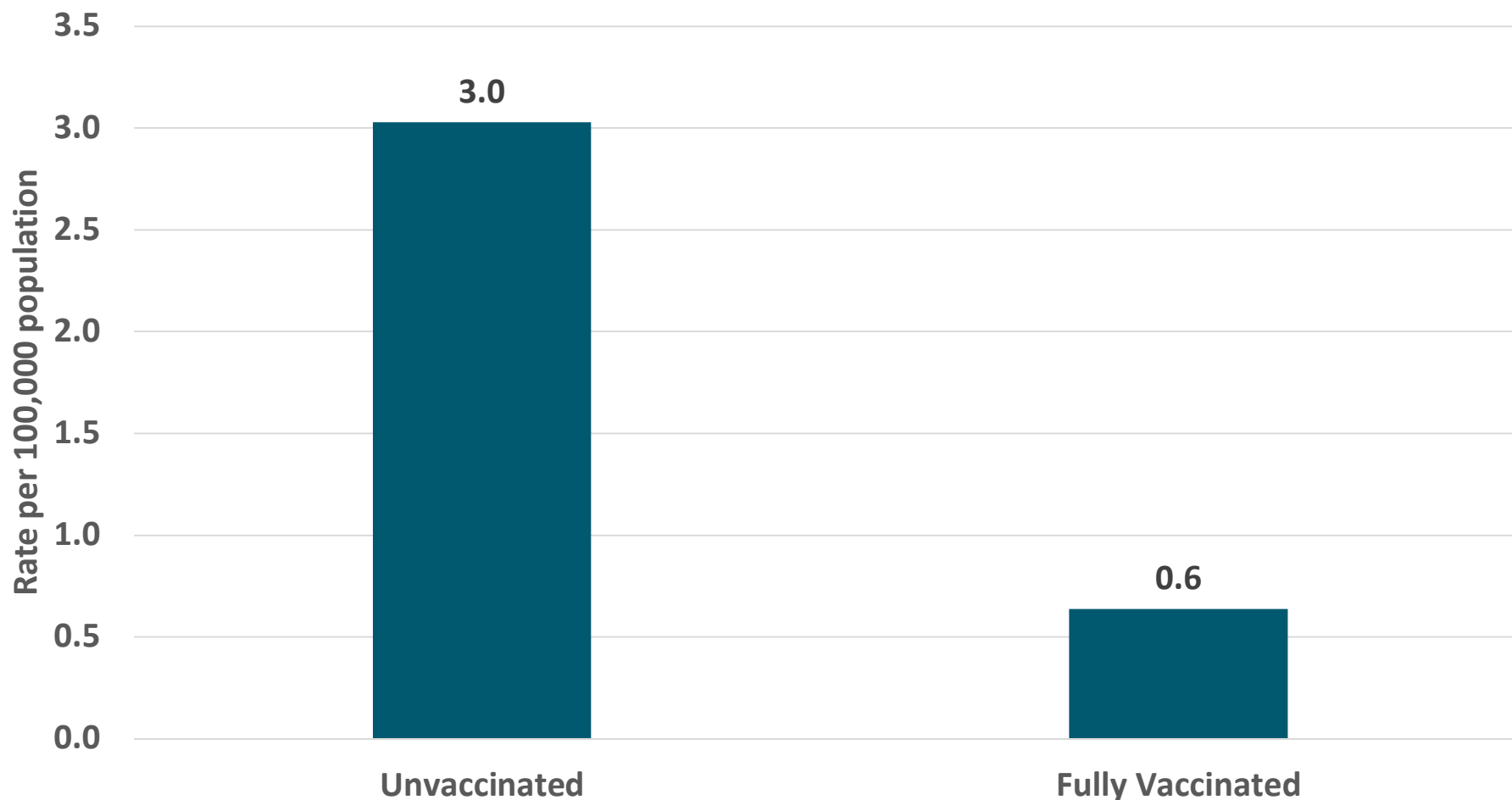
Relative risk = 3.4. Unvaccinated cases are 3.4 times more likely to acquire COVID-19 compared to those fully vaccinated

Weekly Vaccination Rates of In-Patient Hospitalized Cases (November 22 to November 28, 2021)



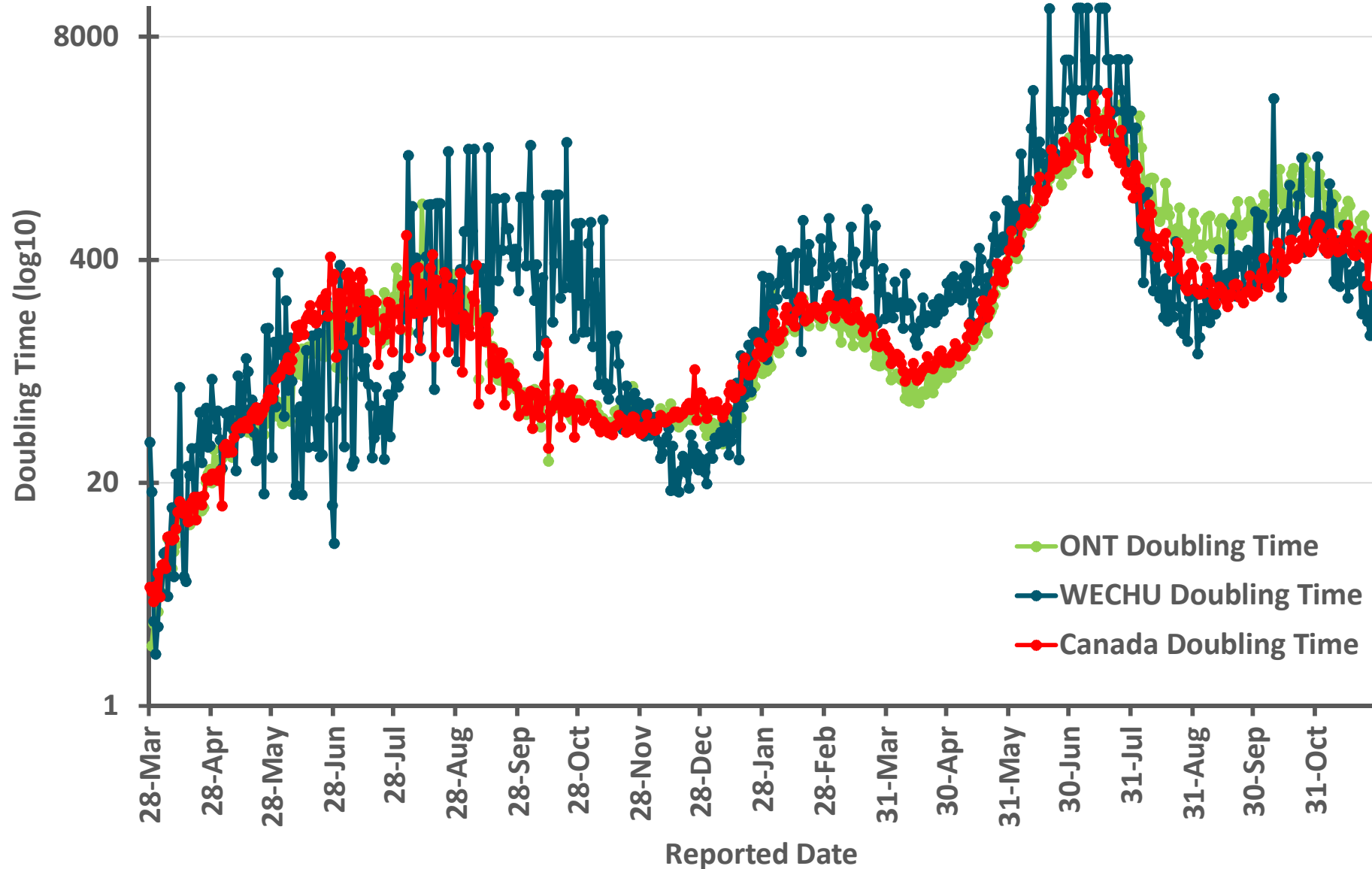
Relative risk = 6.0. Unvaccinated cases are 6.0 times more likely to be hospitalized for COVID-19 compared to those fully vaccinated

Weekly Vaccination Rate of ICU Cases (November 22 to November 28, 2021)



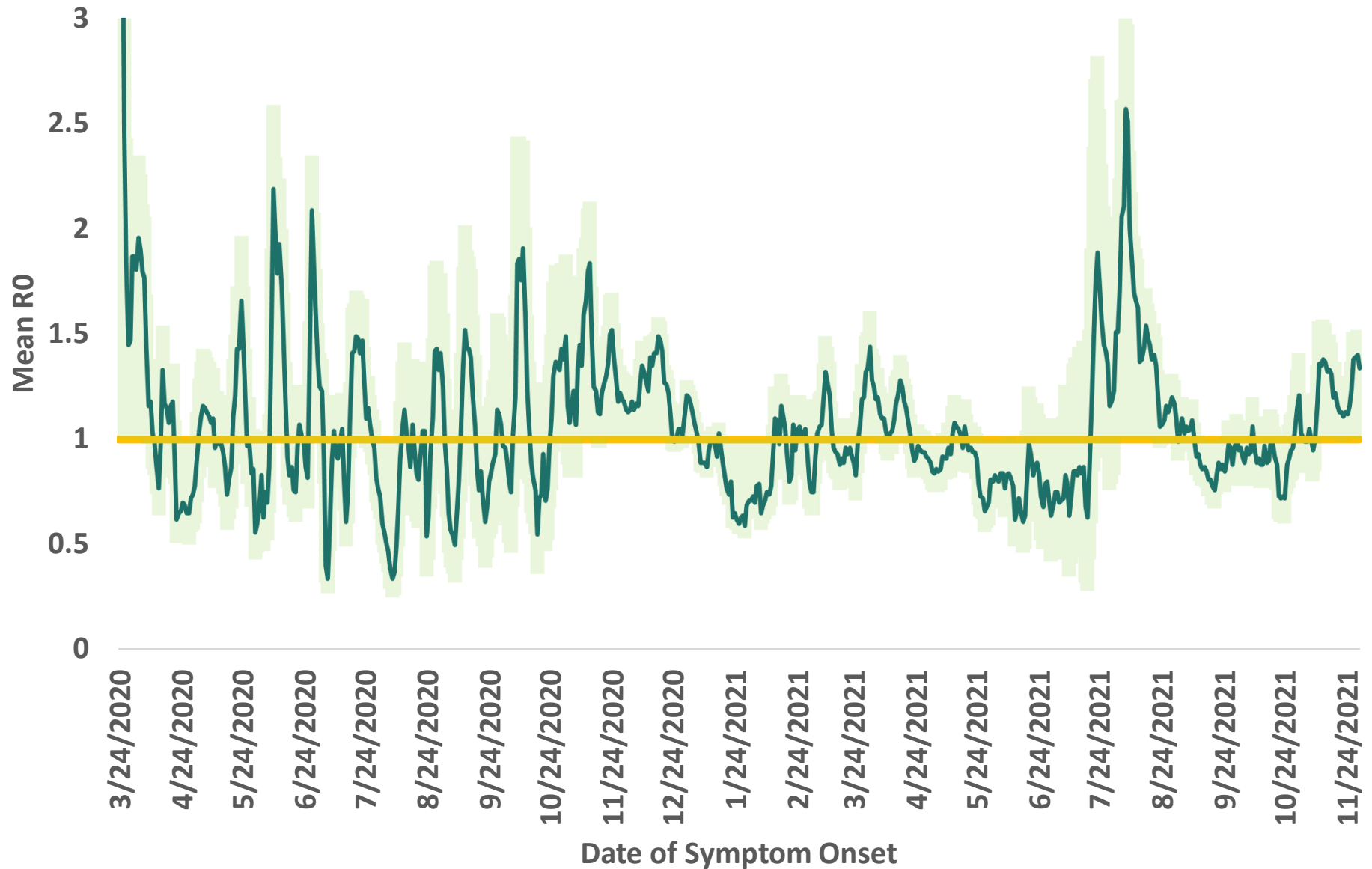
Relative risk = 4.8. Unvaccinated cases are 4.8 times more likely to be hospitalized in the ICU for COVID-19 compared to those fully vaccinated

Doubling Time (Day over Day Comparison)



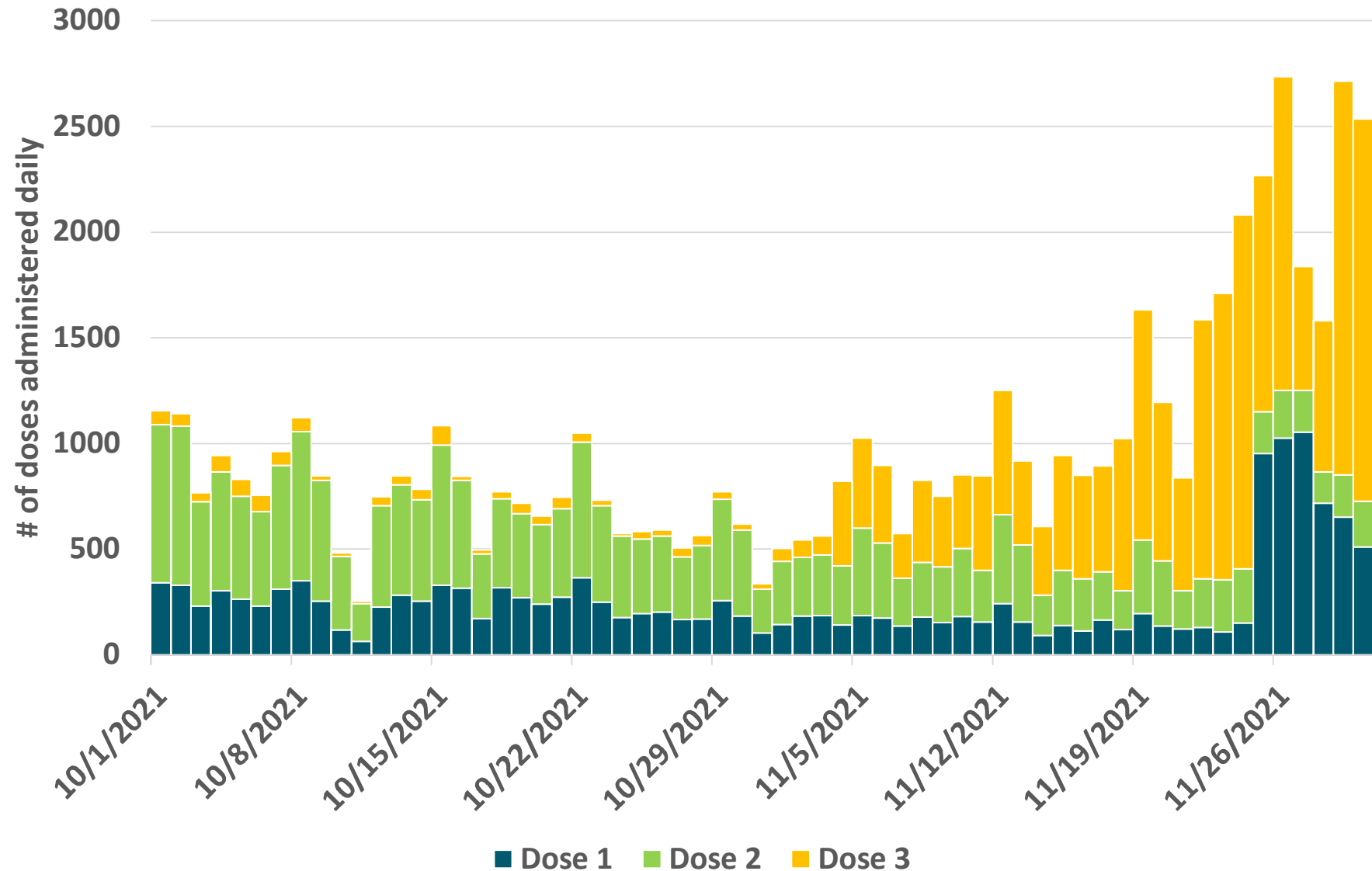
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Median R0 (Effective)



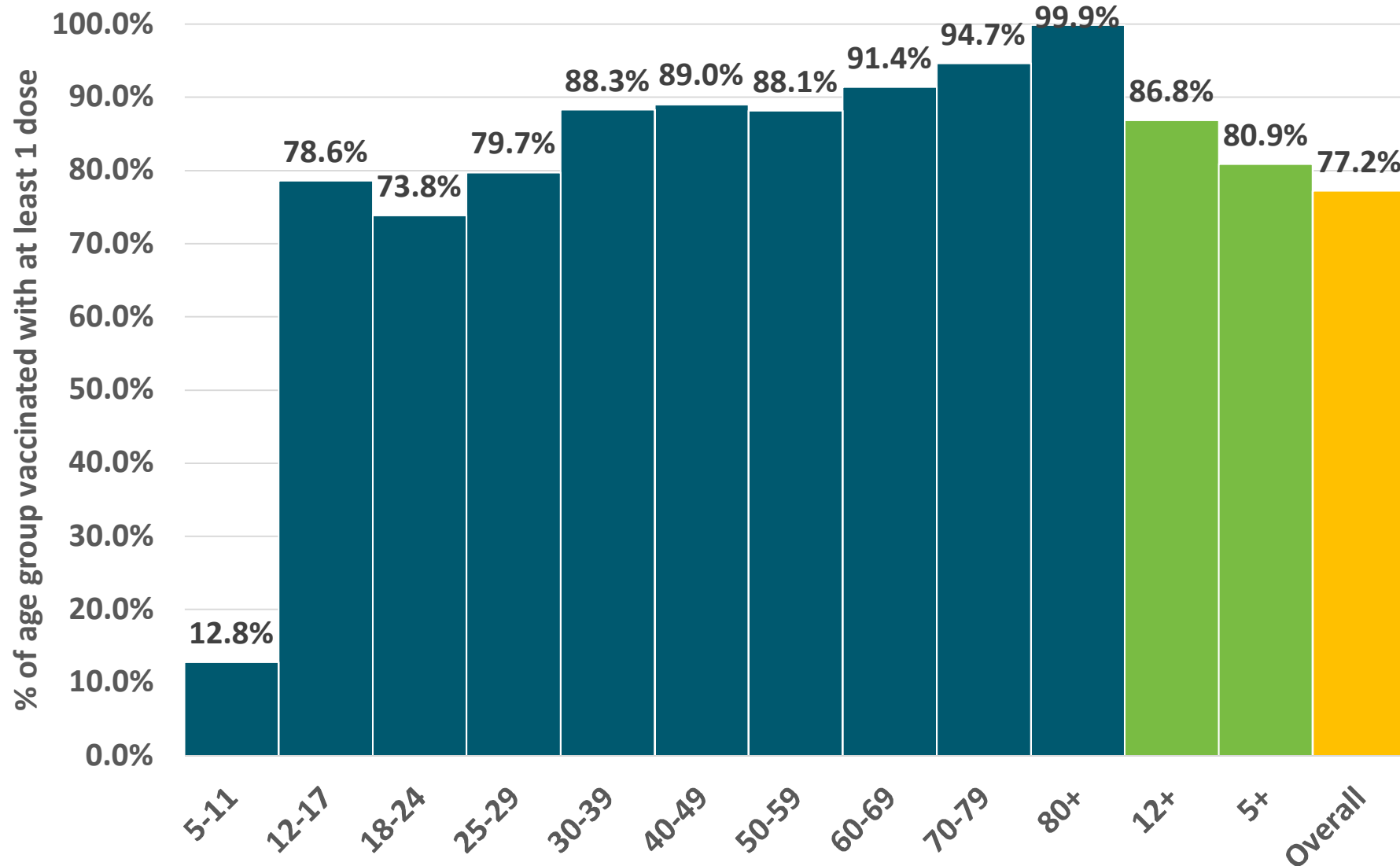
COVID-19 Vaccine Status

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



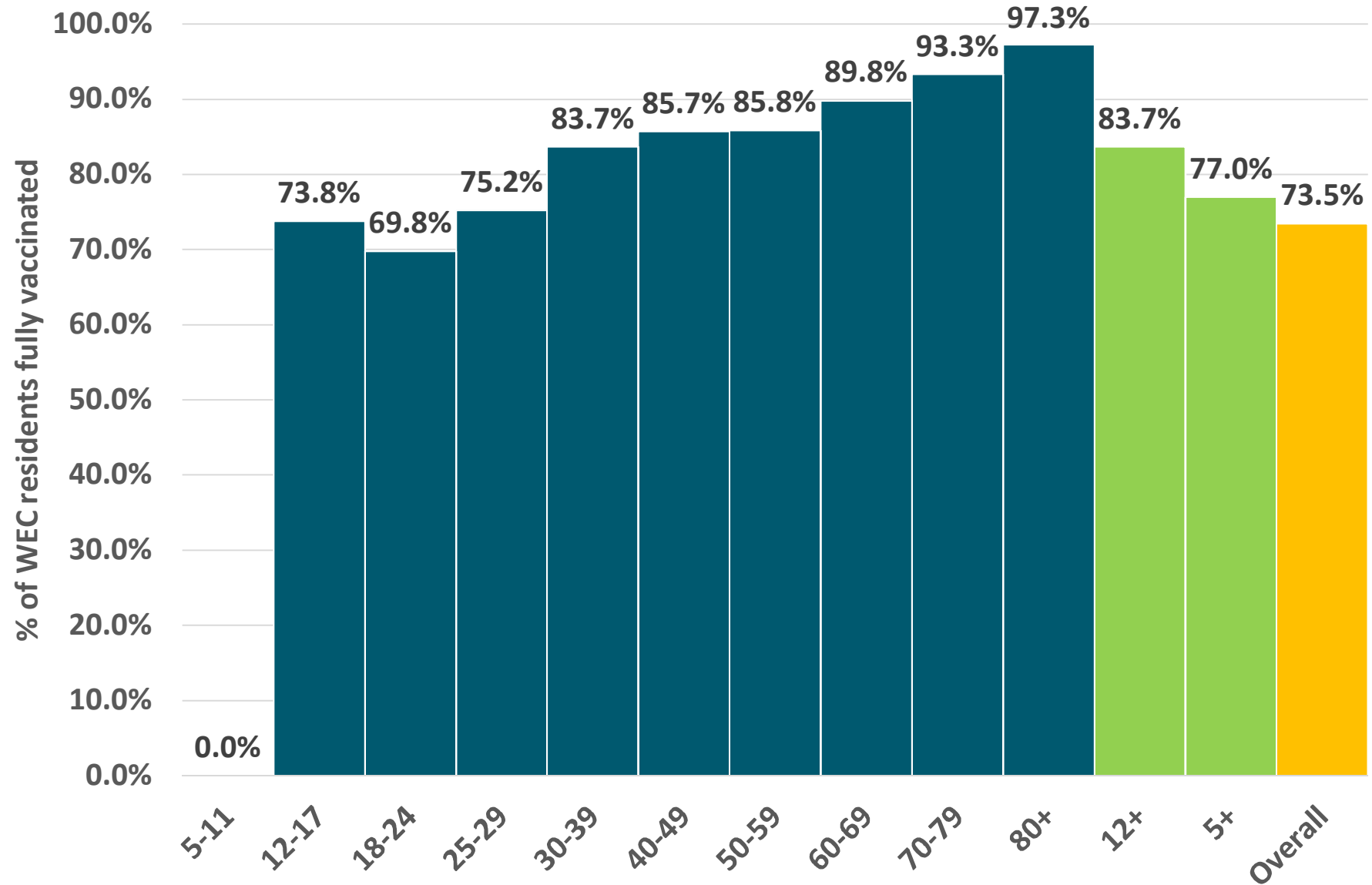
2021-12-07

WEC Residents Vaccinated With At Least One Dose by Age Group



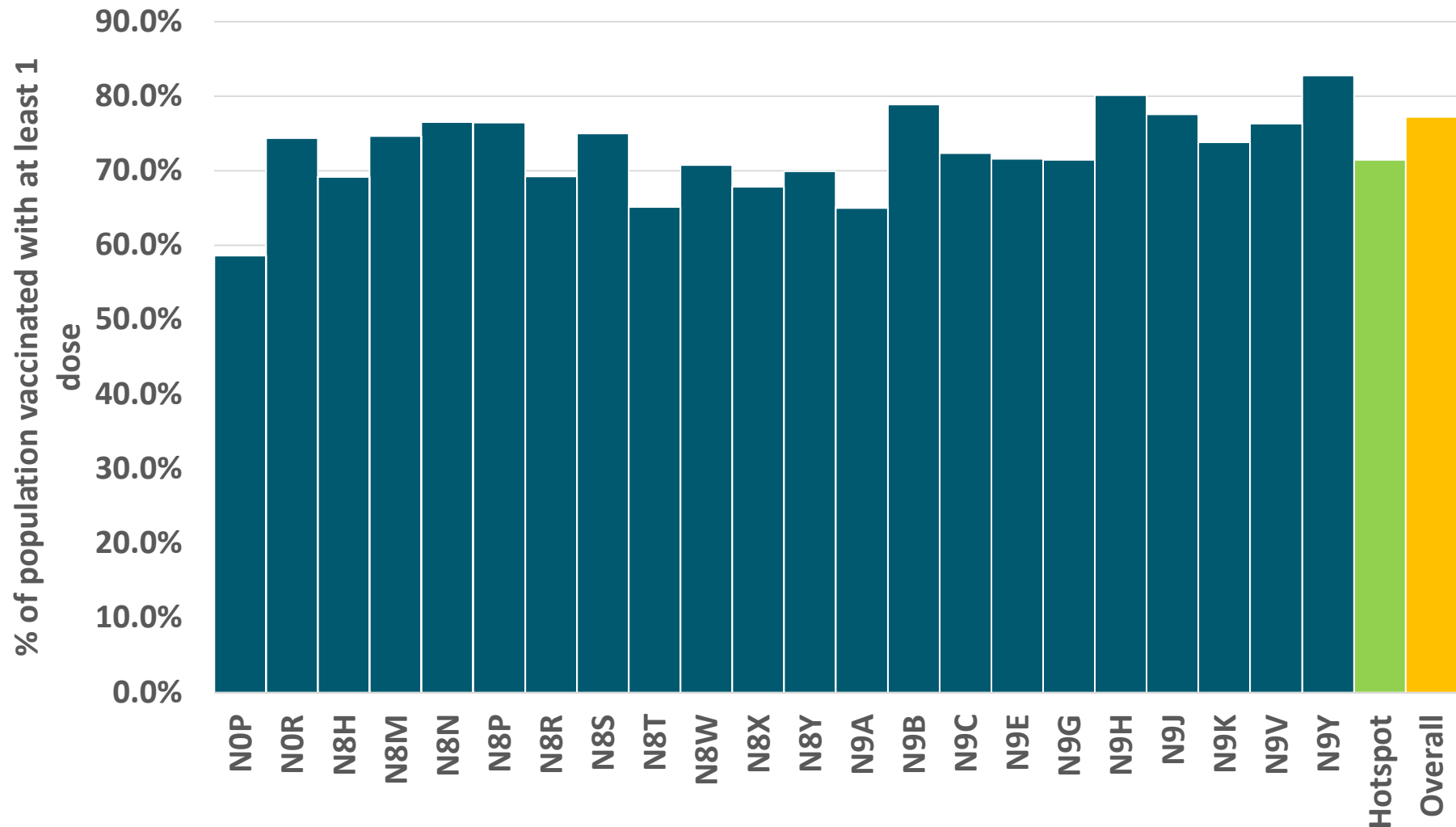
2021-12-02

WEC Residents Fully Vaccinated by Age Group



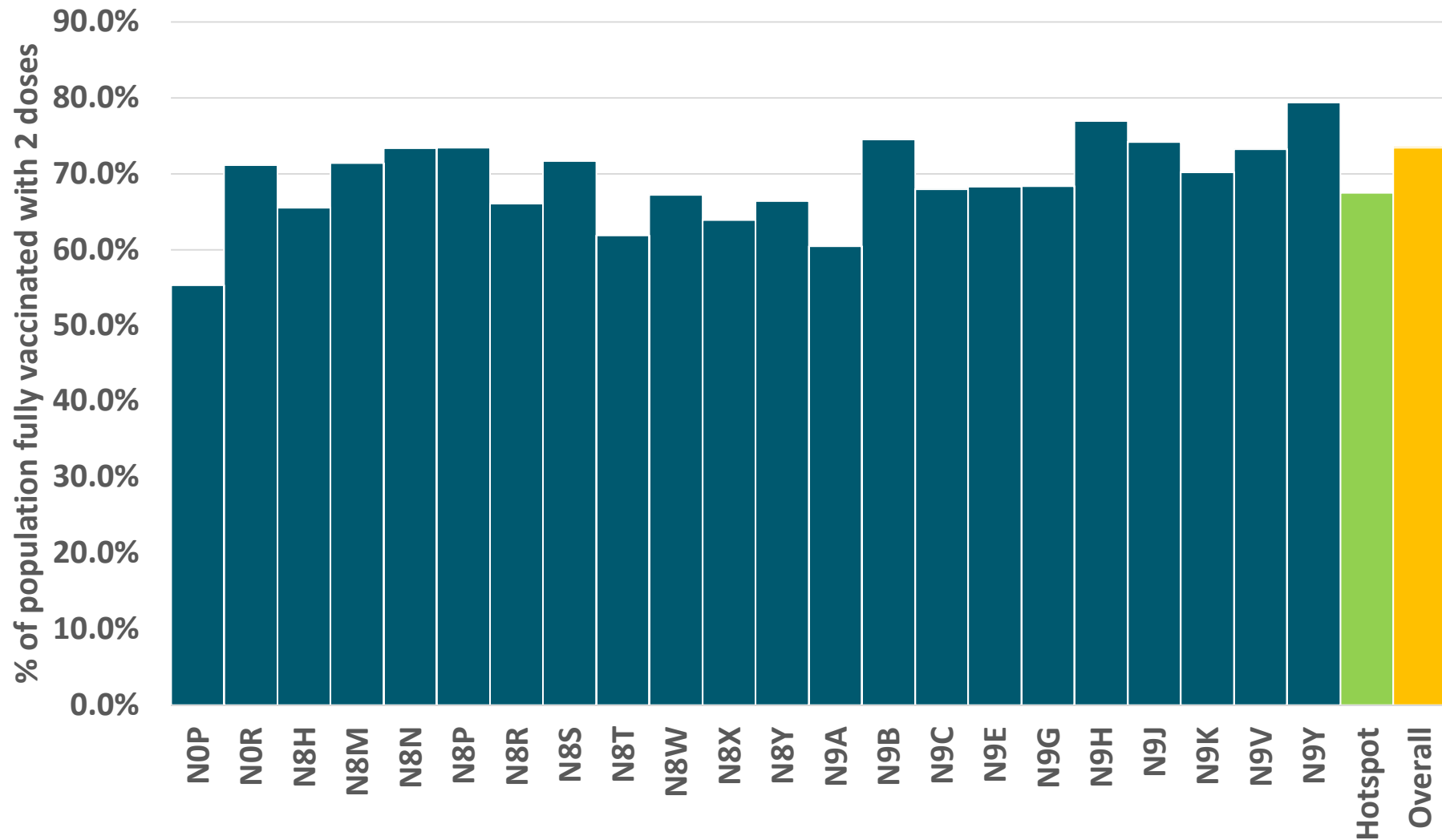
2021-12-02

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



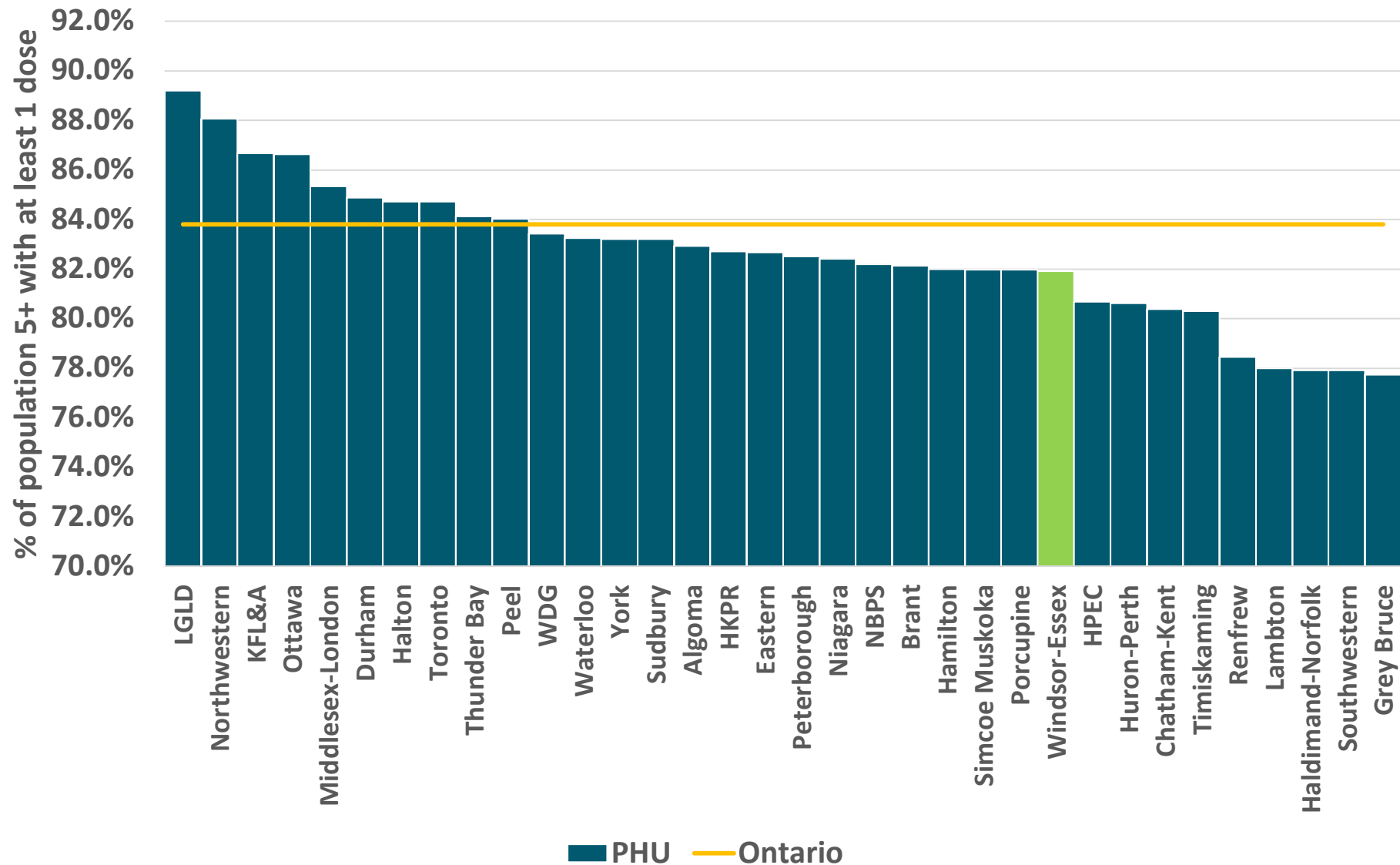
2021-12-02

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

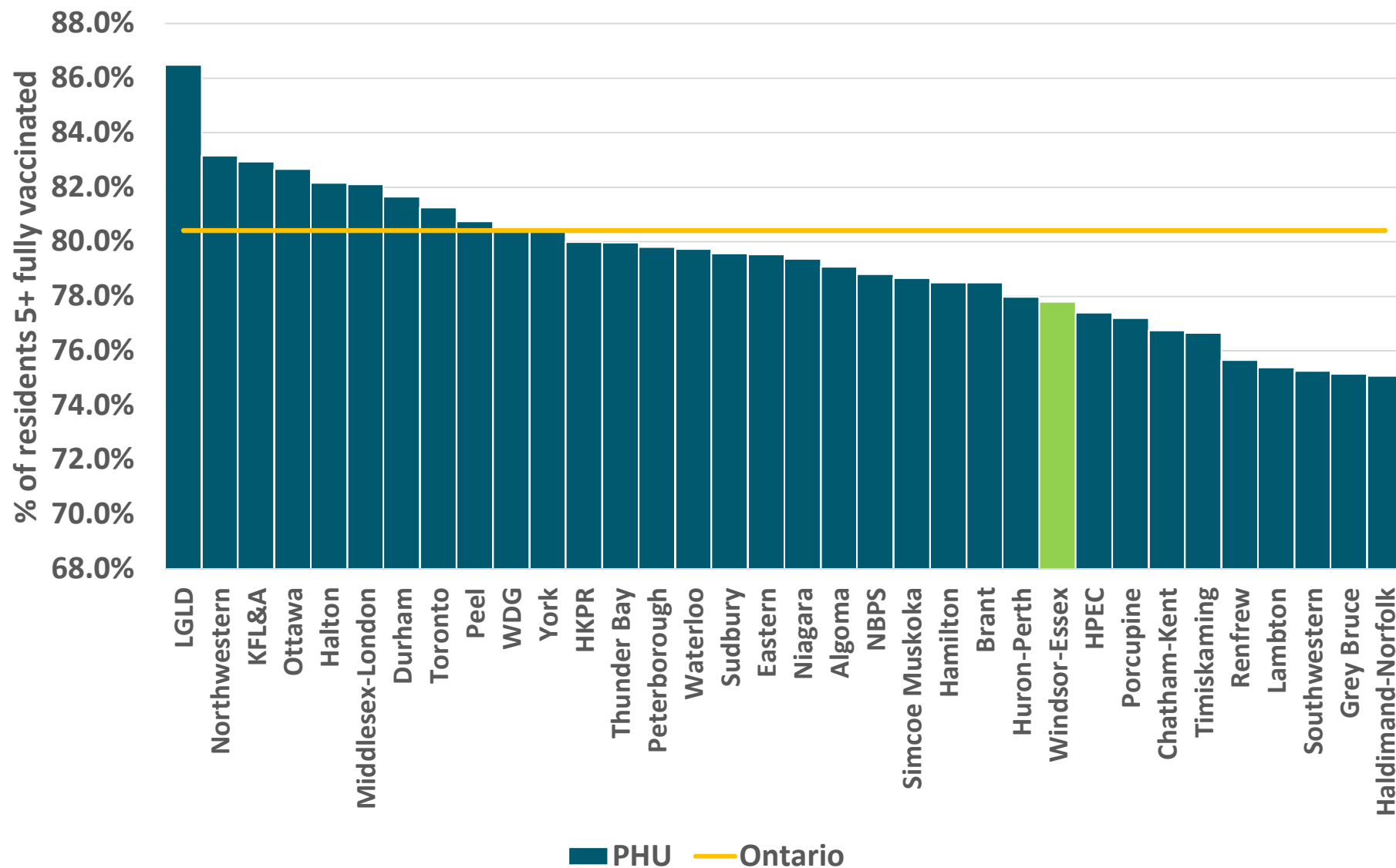


2021-12-02

Percentage of Residents 5+ With At Least 1 Dose by Public Health Unit



Percentage of Residents 5+ Fully Vaccinated by Public Health Unit



Summary:

- Case rates in WEC have increased this week
- Wastewater surveillance data highlights COVID-19 levels have increased recently
- Disproportionately higher cases among children and youth
- COVID-19 related hospitalization remain unchanged but ICU admissions have increased
- Number of doses administered has increased due to 5-11 year olds and 3rd doses/booster.

Summary of Monitoring Indicators for WEC

- Most recent completed weekly case rate = 113.4 cases/100,000 population
 - Most recent 7-day rate = 123.1 cases/100,000 population
- Percent positivity = 7.0% (full week)
 - Most recent 7-days percent positivity = 5.4%
- R_0 (effective) = 1.34
- Outbreaks remain high in our region
- 80.9% of Windsor-Essex residents 5+ have received with at least 1 dose
- 77.0% of Windsor-Essex residents 5+ are fully vaccinated