



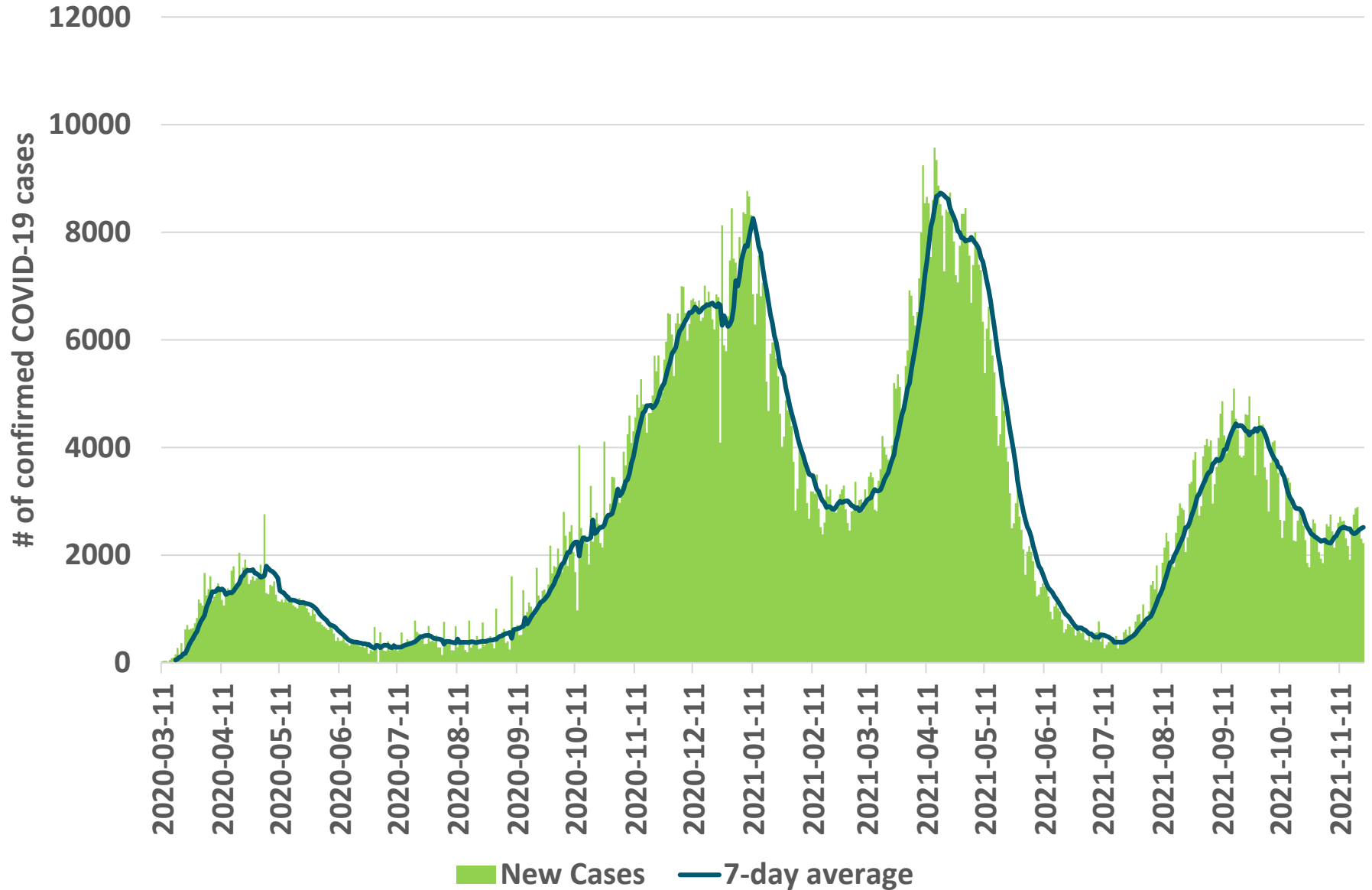
COVID-19 *LIVE UPDATE*

November 25, 2021

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

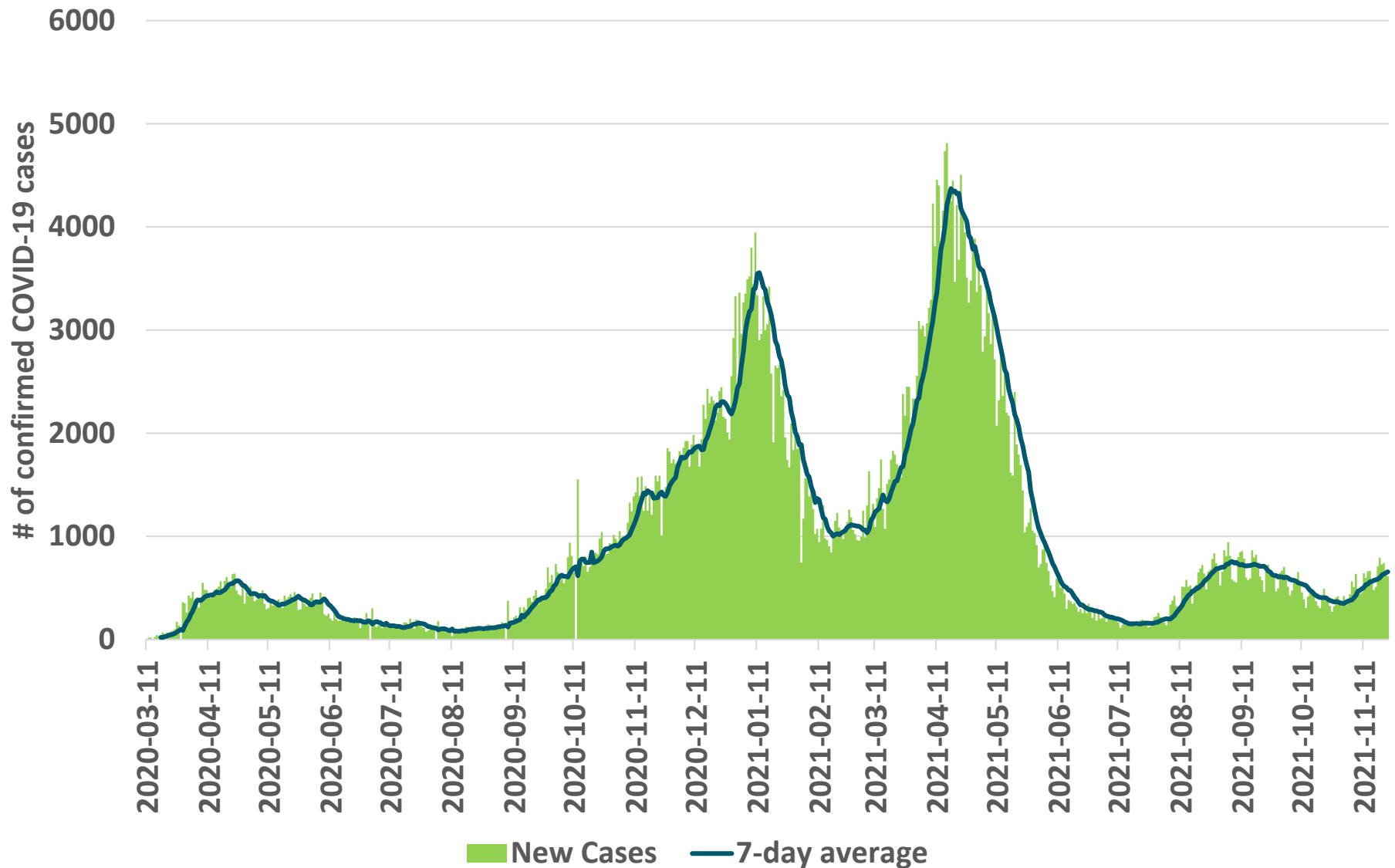
COVID-19 Cases in the Canada, Ontario, and Windsor-Essex

Epidemic Curve by Reported Date in Canada



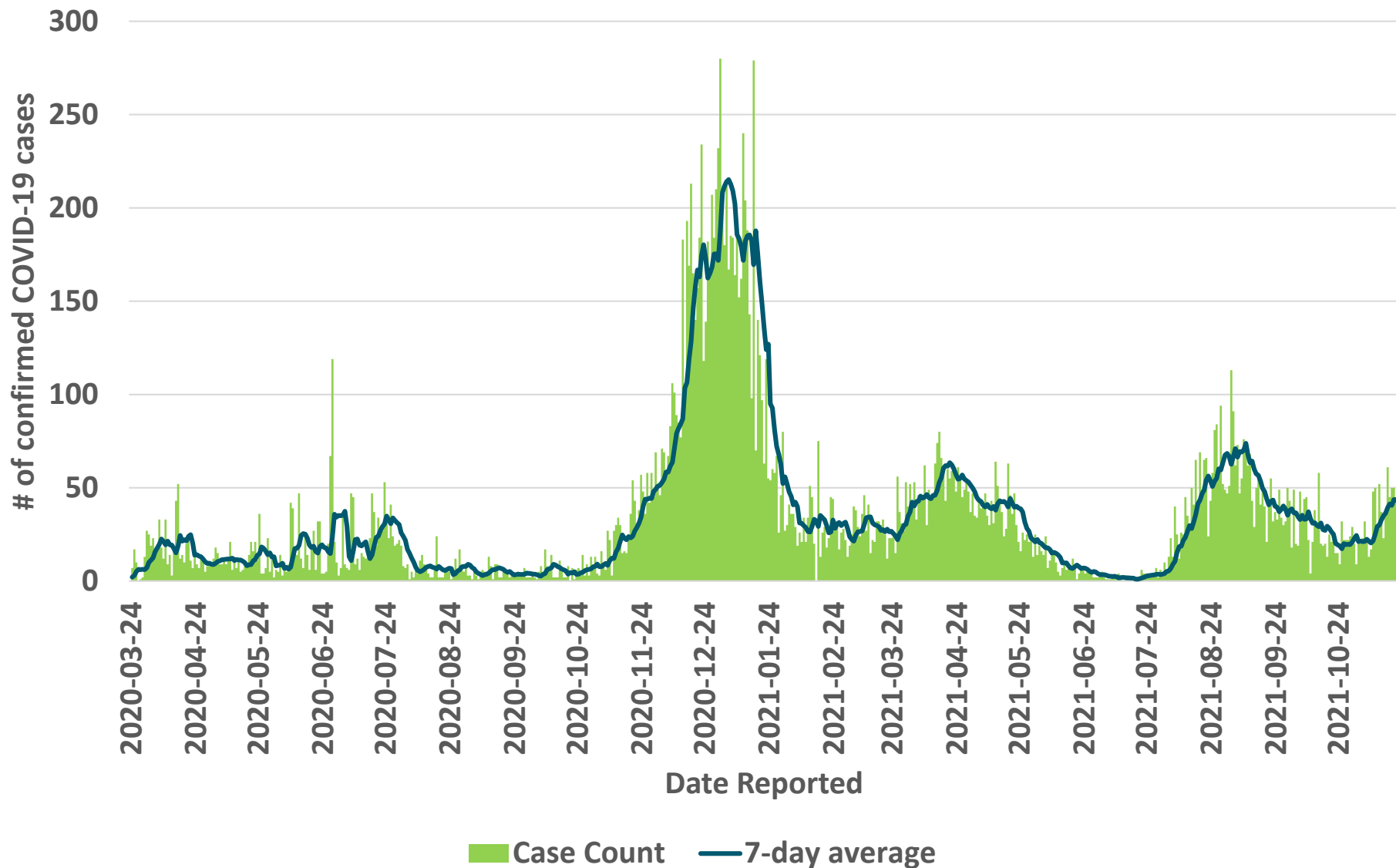
2021-11-25

Epidemic Curve by Reported Date in Ontario



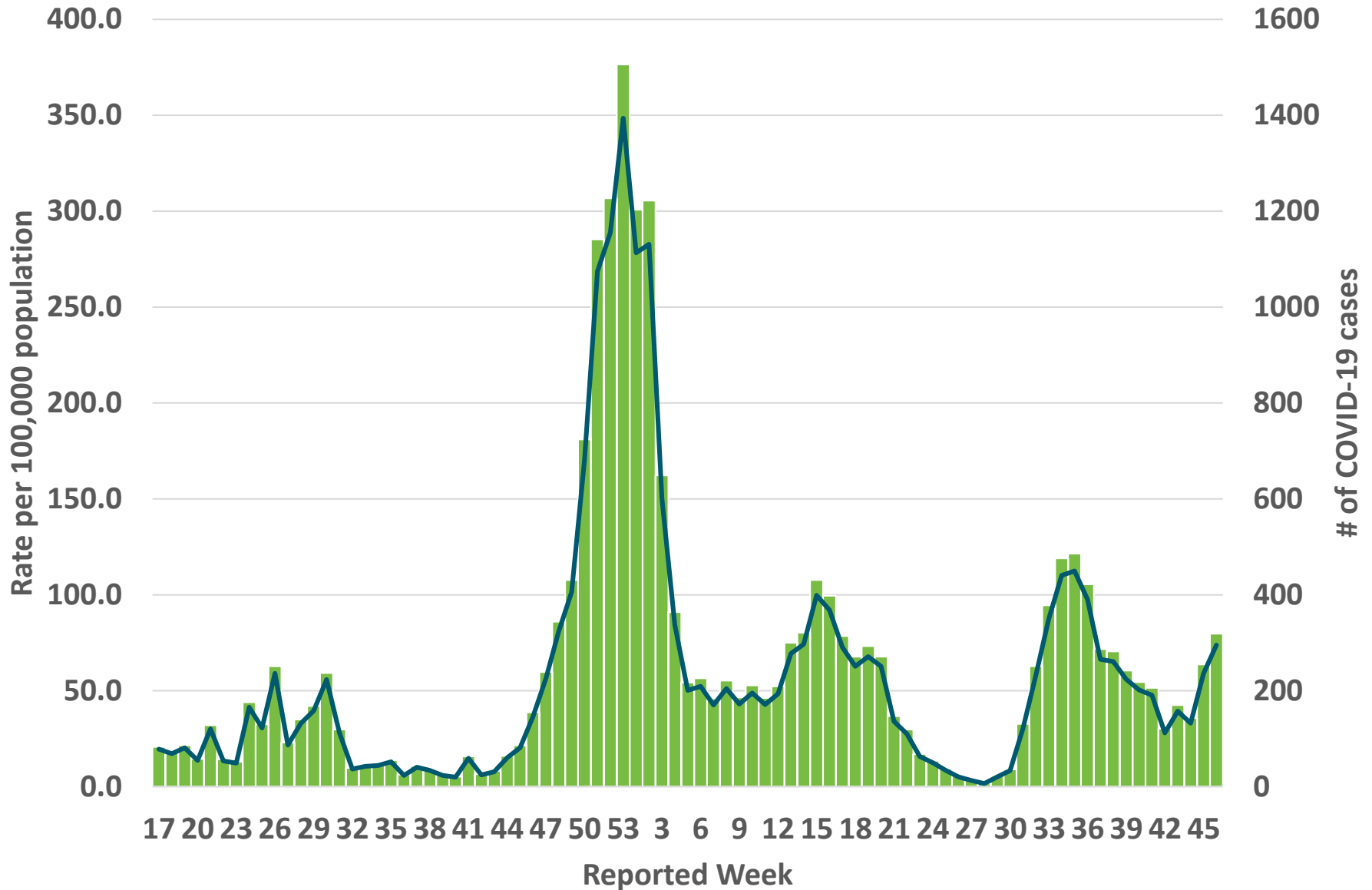
2021-11-25

Epidemic Curve by Reported Date in Windsor-Essex

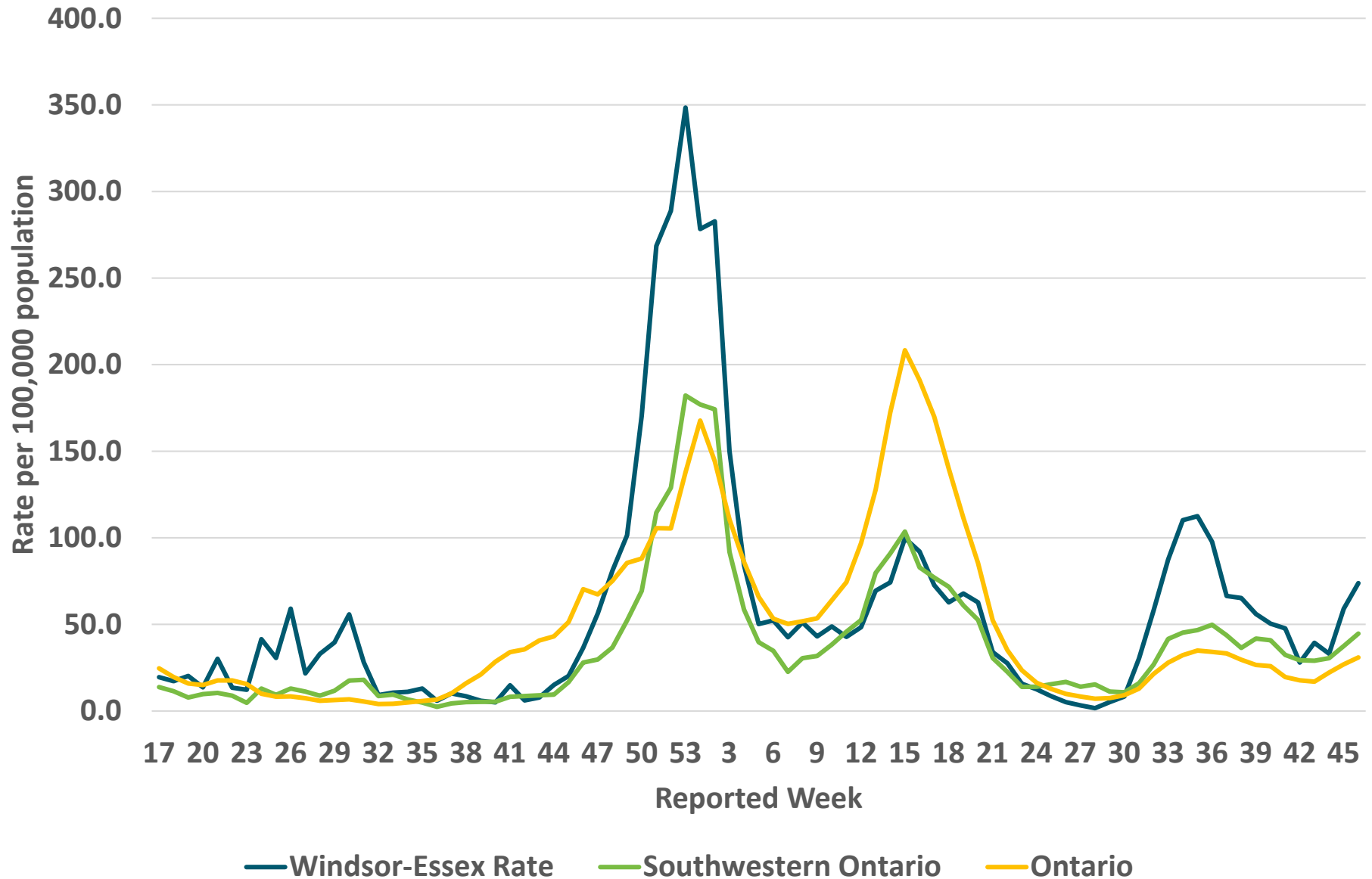


2021-11-25

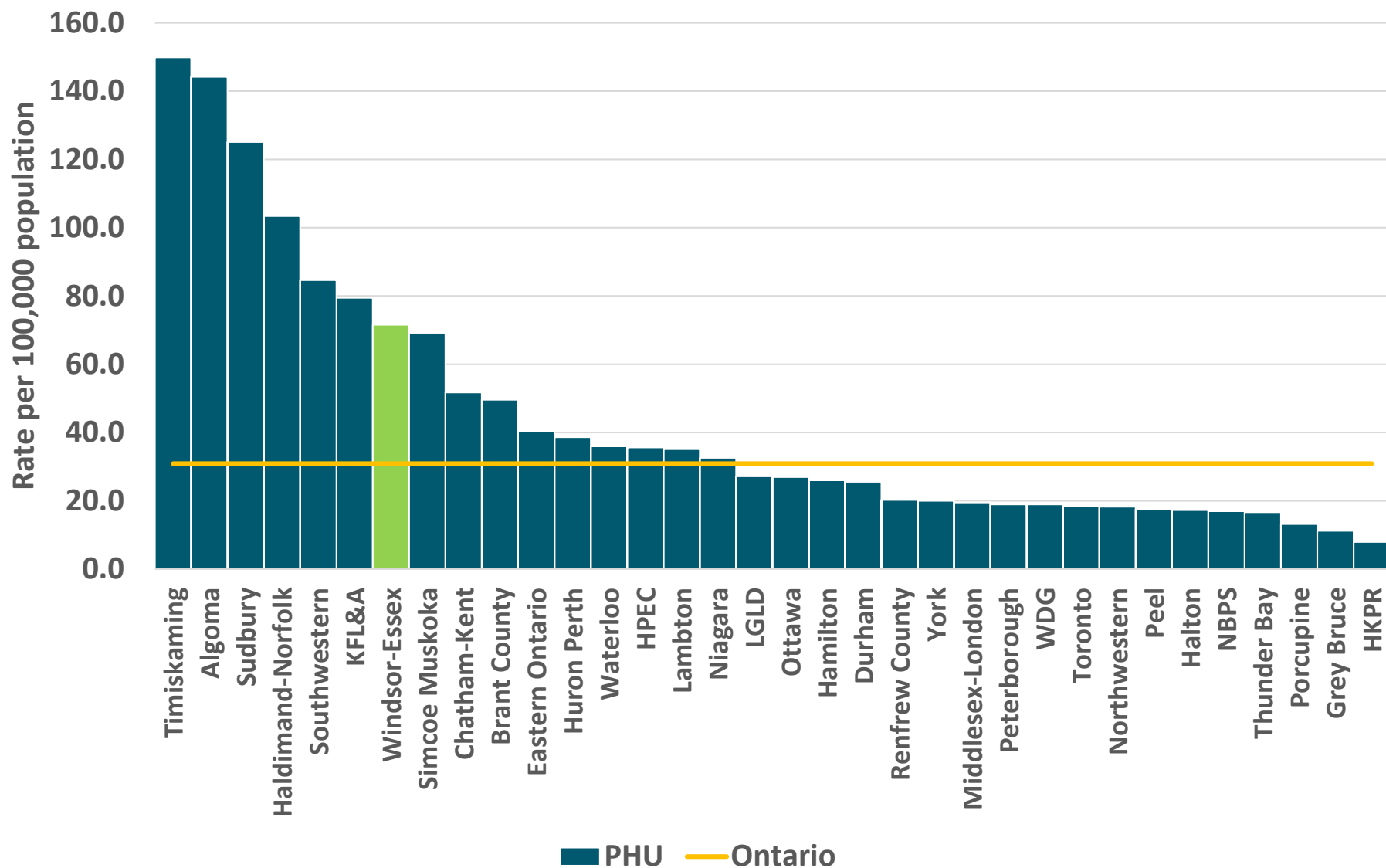
Windsor-Essex Rate by Reported Week



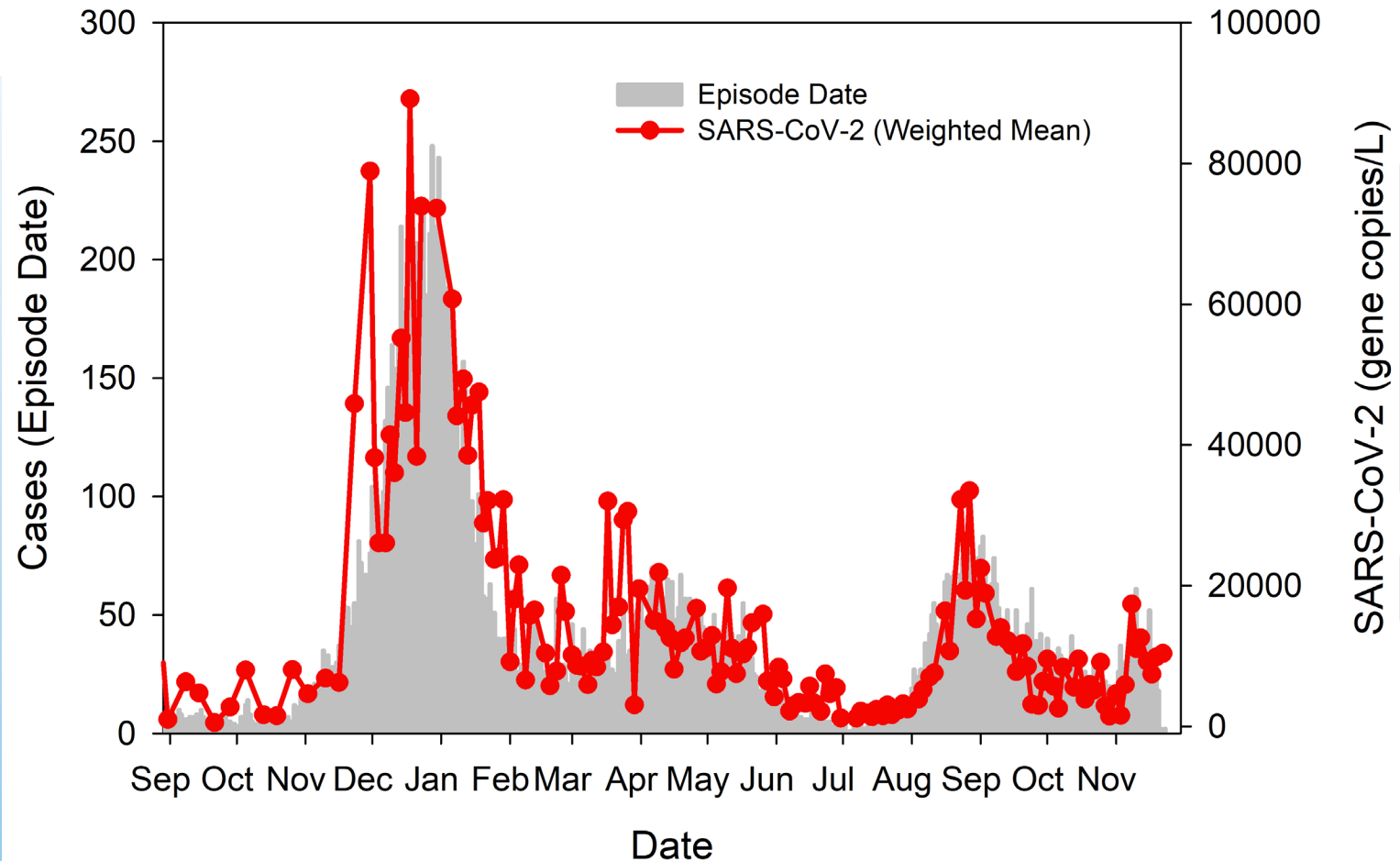
Weekly Comparison of Rates in Ontario



Week 46 Case Rates by Public Health Unit (November 14 to November 20, 2021)



Windsor-Essex Wastewater Data



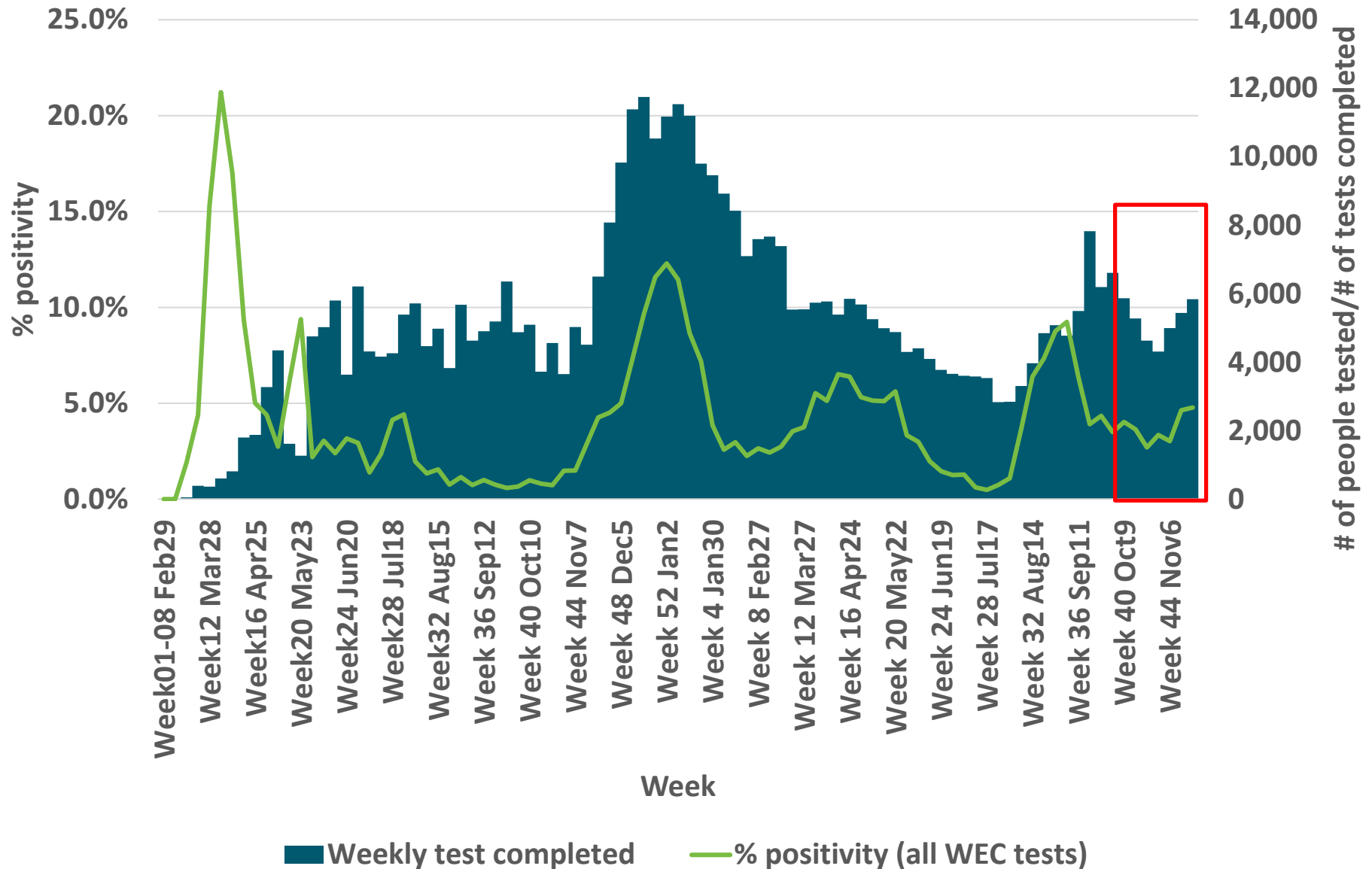
GLIER
GREAT LAKES INSTITUTE FOR
ENVIRONMENTAL RESEARCH
at the University of Windsor



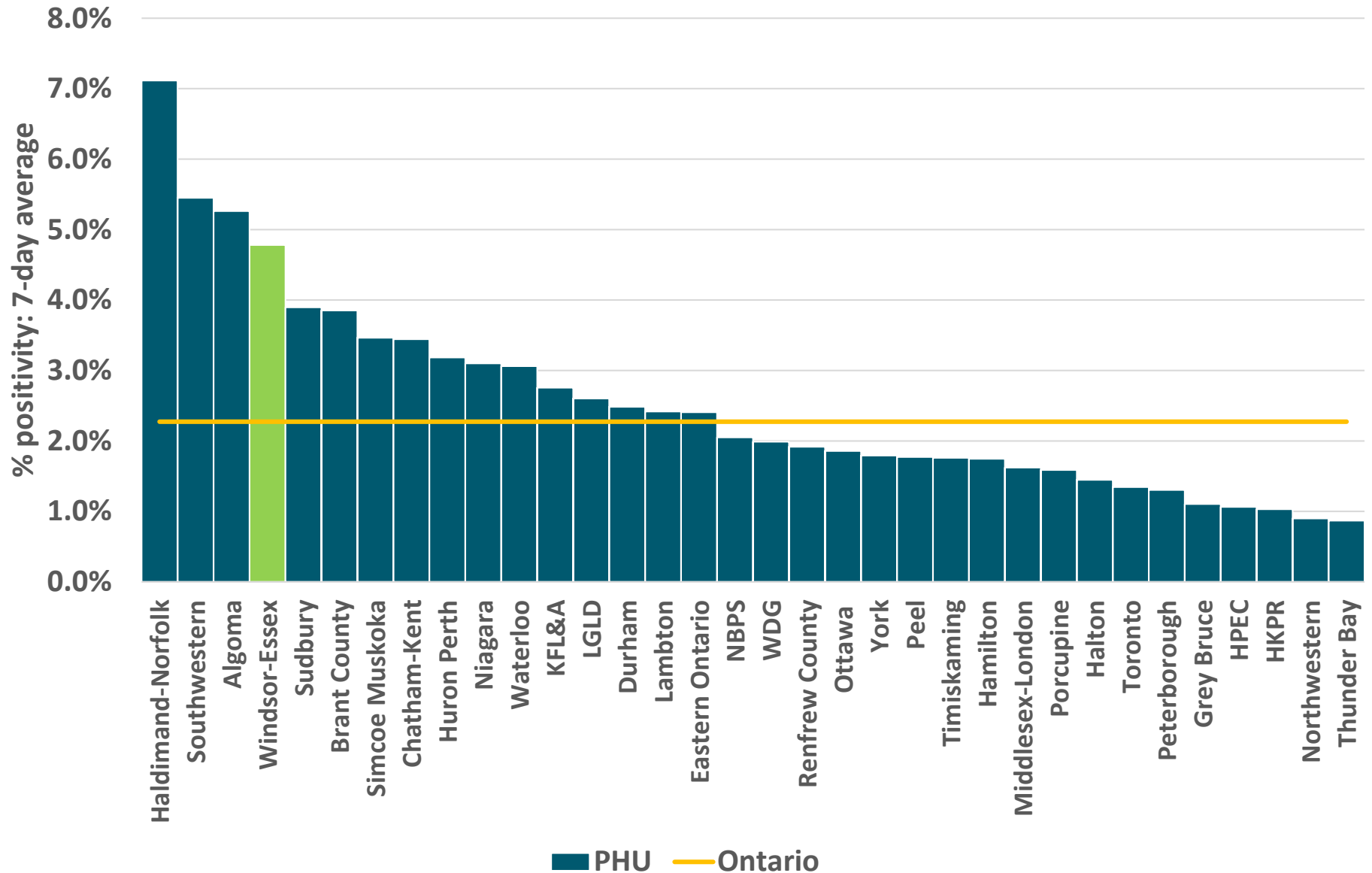
University
of Windsor

uwindsor.ca/GLIER

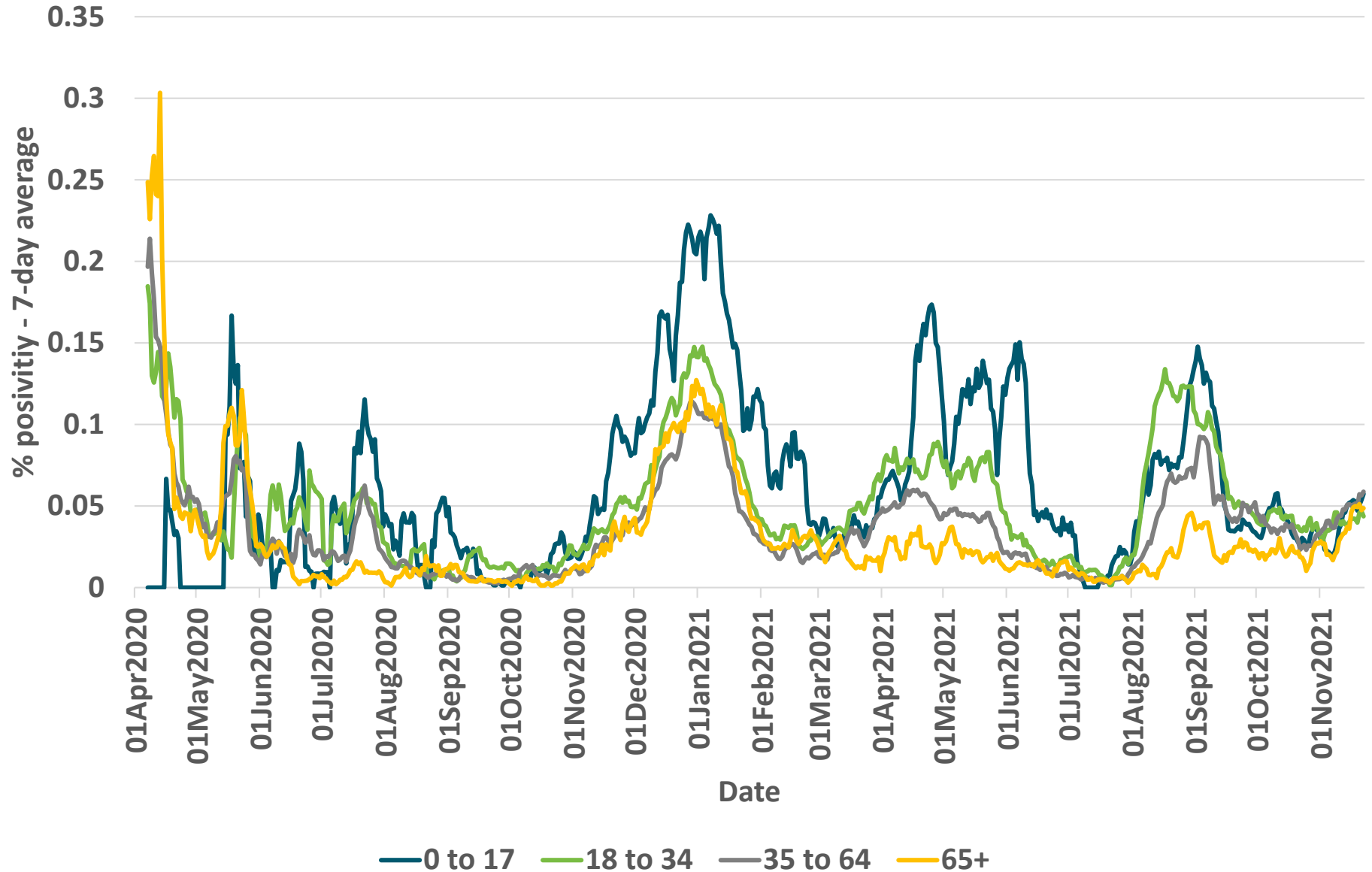
Percent Positivity by Week by All Tests



% Positivity in Ontario: 7-Day Average

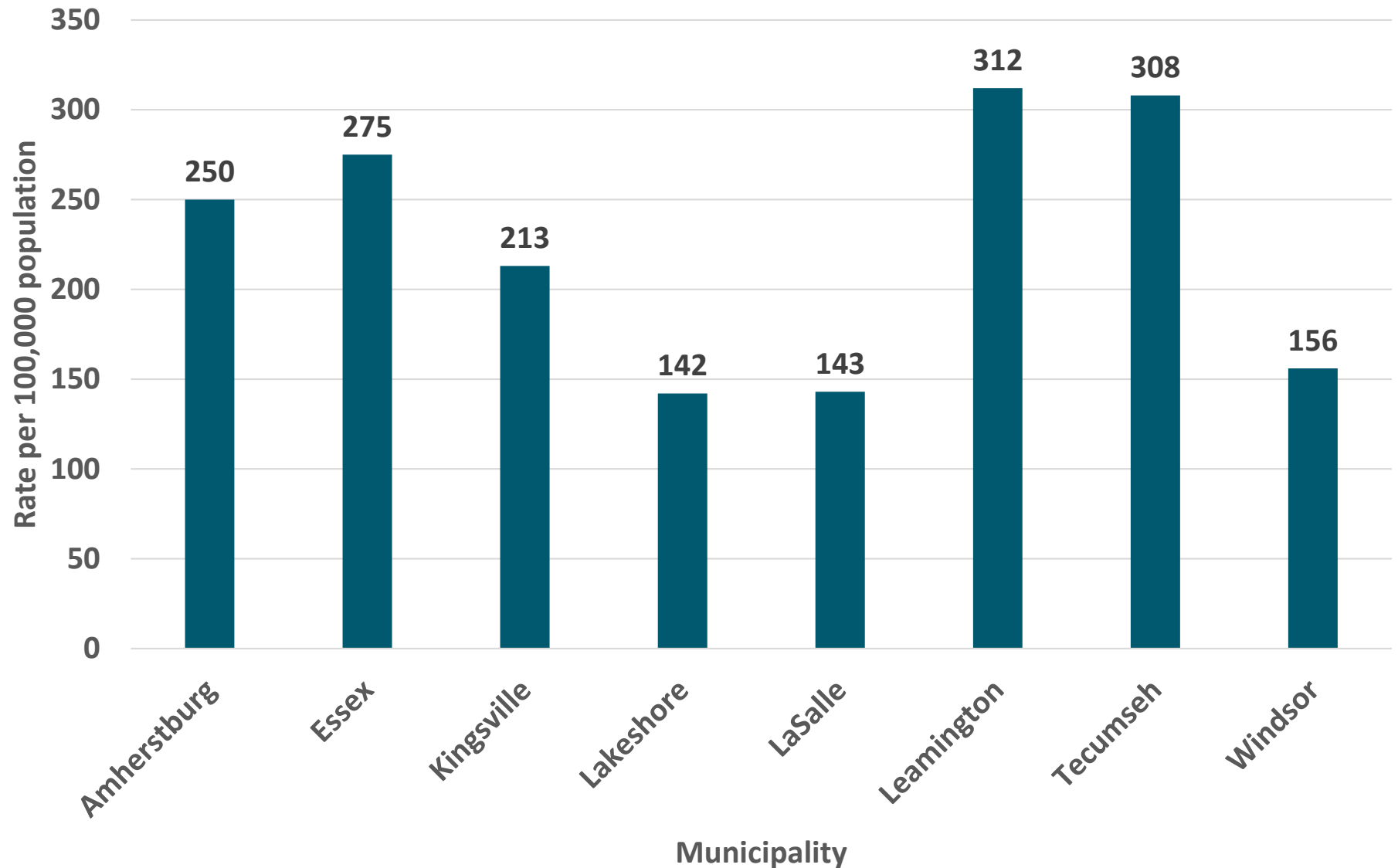


% Positivity in Windsor-Essex by Age: 7-Day Average

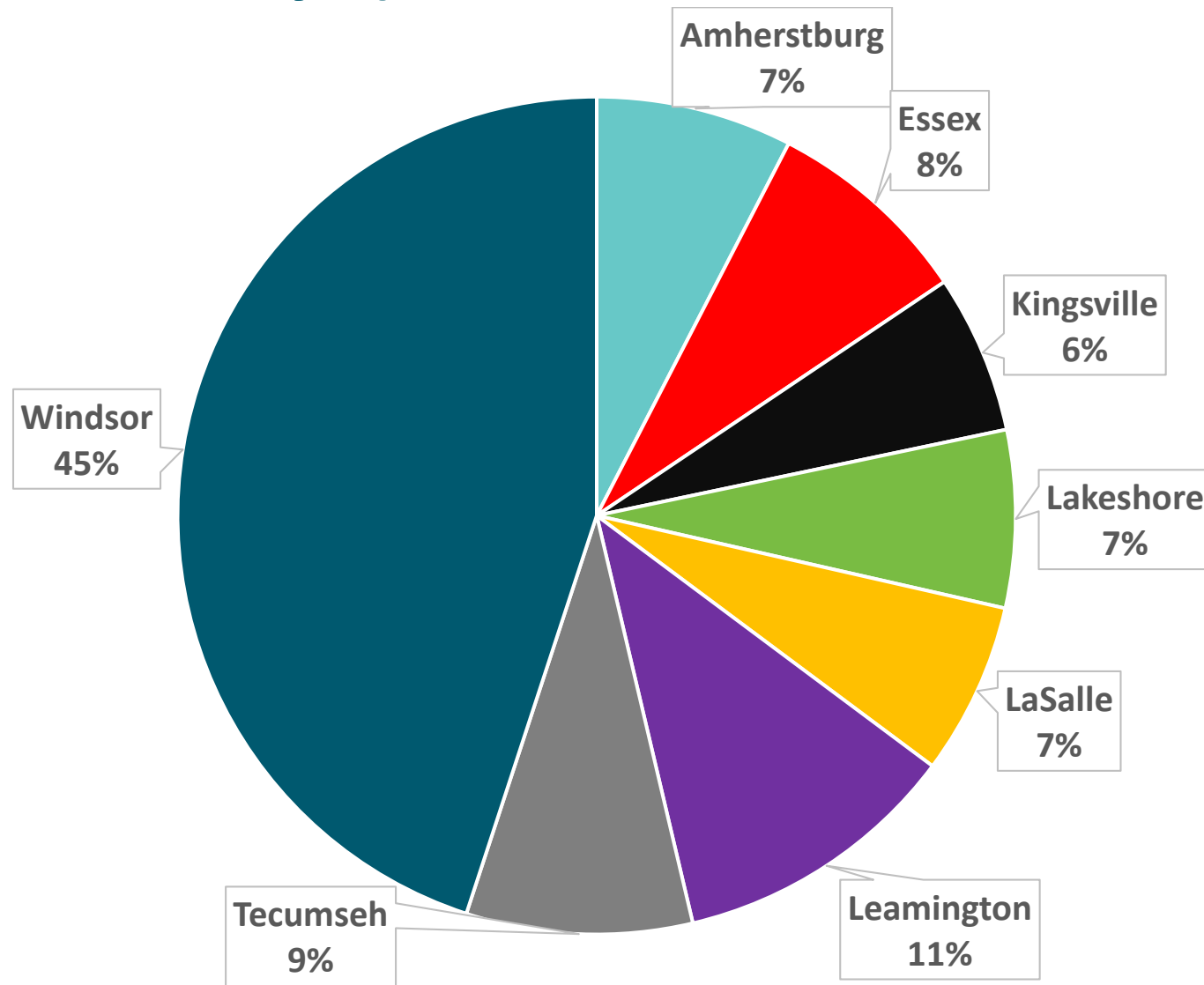


2021-11-25

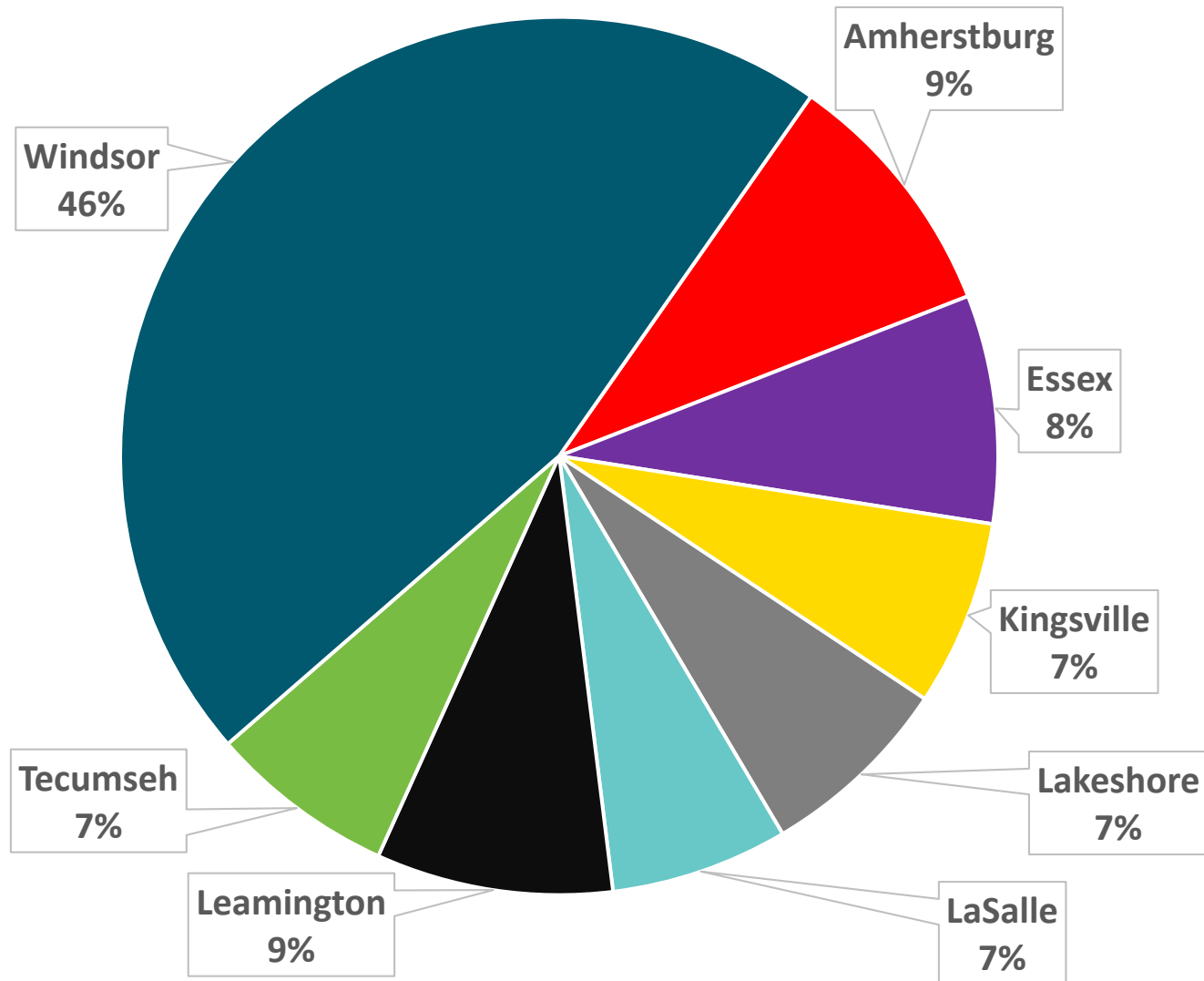
Rate per 100,000 by Municipality (November 2021 to Present)



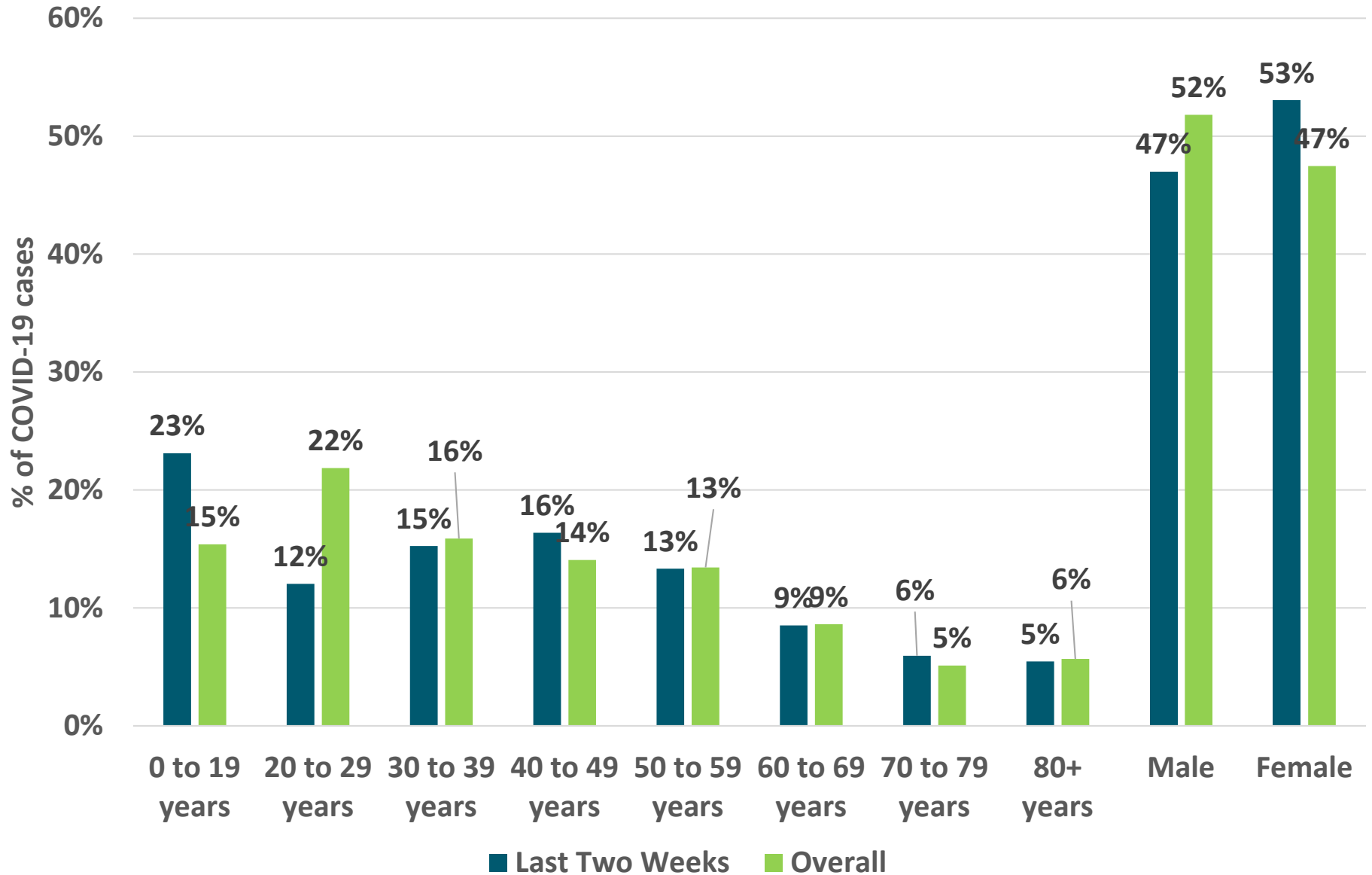
Distribution of COVID-19 Cases by Municipality in last 30 days (October 25 to November 23)



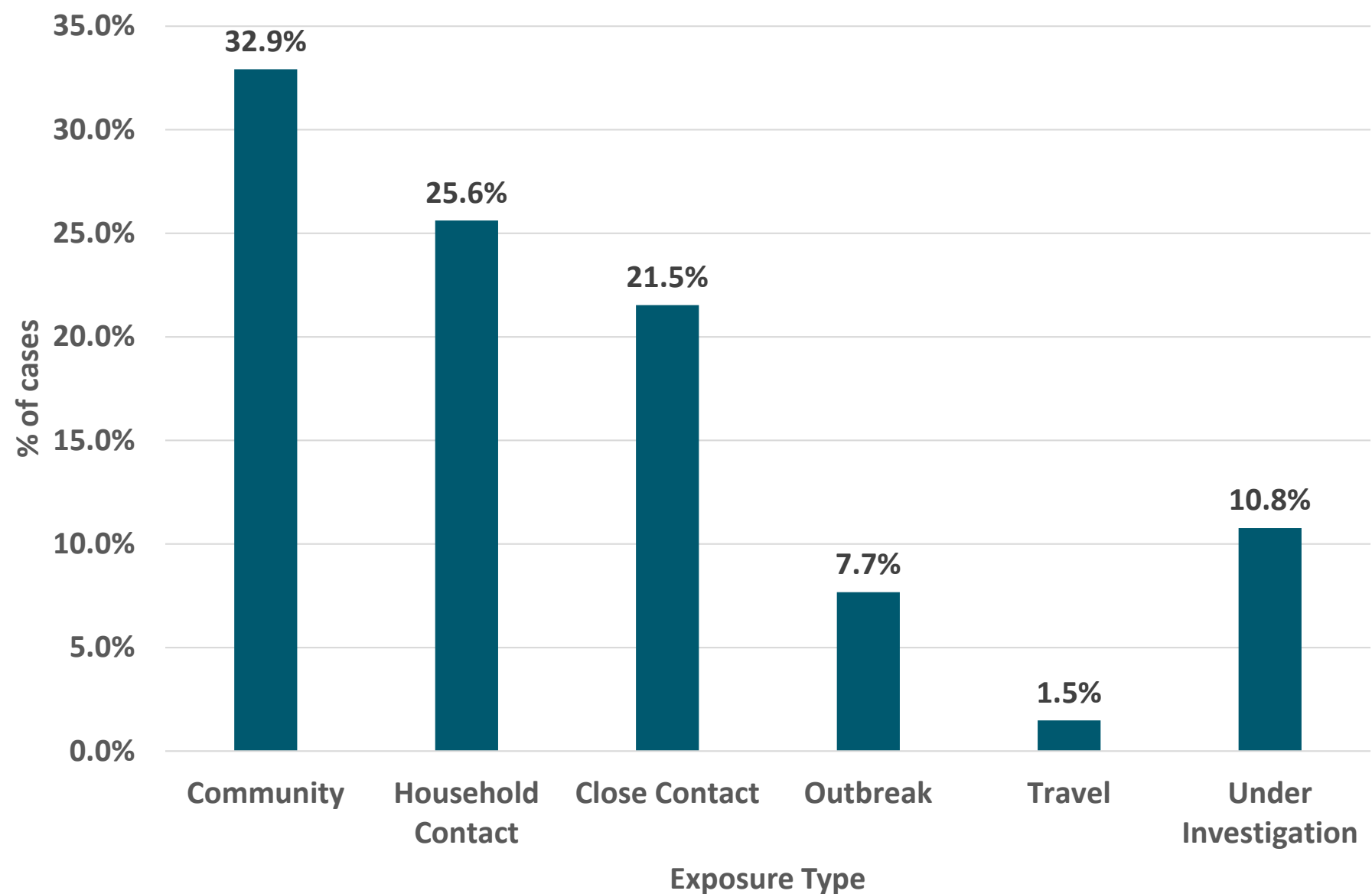
Distribution of COVID-19 Cases by Municipality in last 7 days (November 17 to November 23)



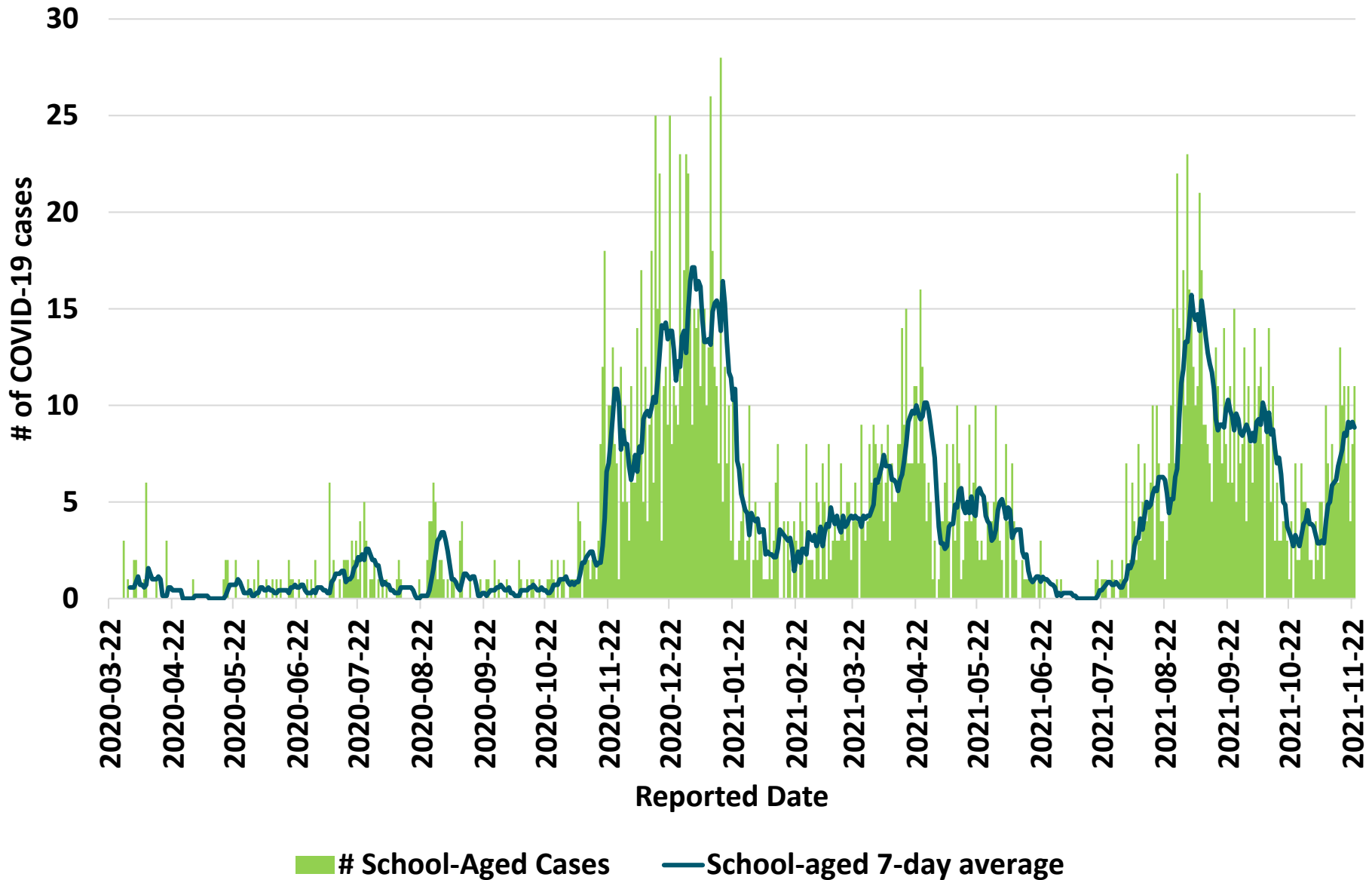
Age & Sex Distribution



Source of Acquisition (November to Present)

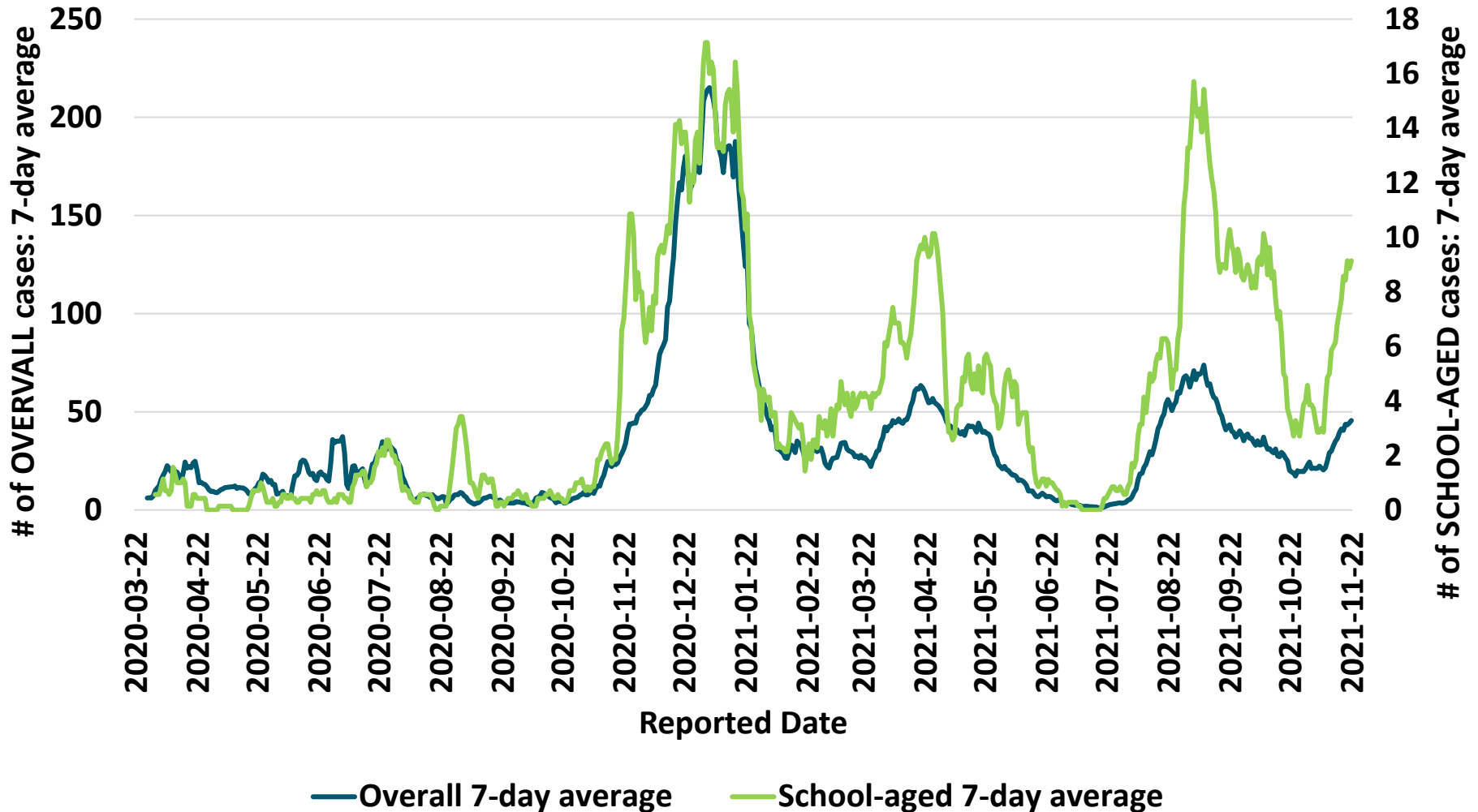


Epidemic Curve of School-Aged Cases

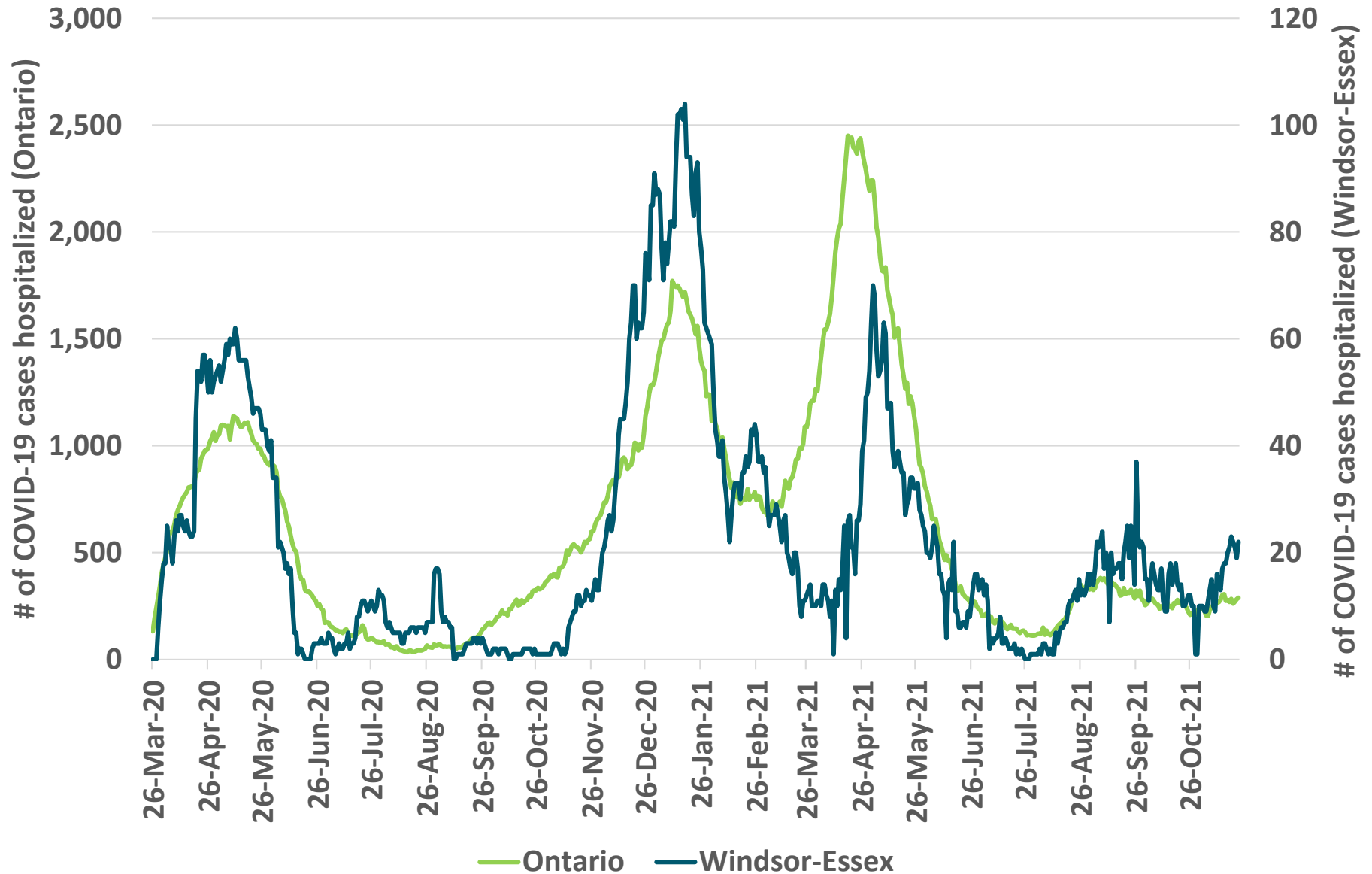


2021-11-25

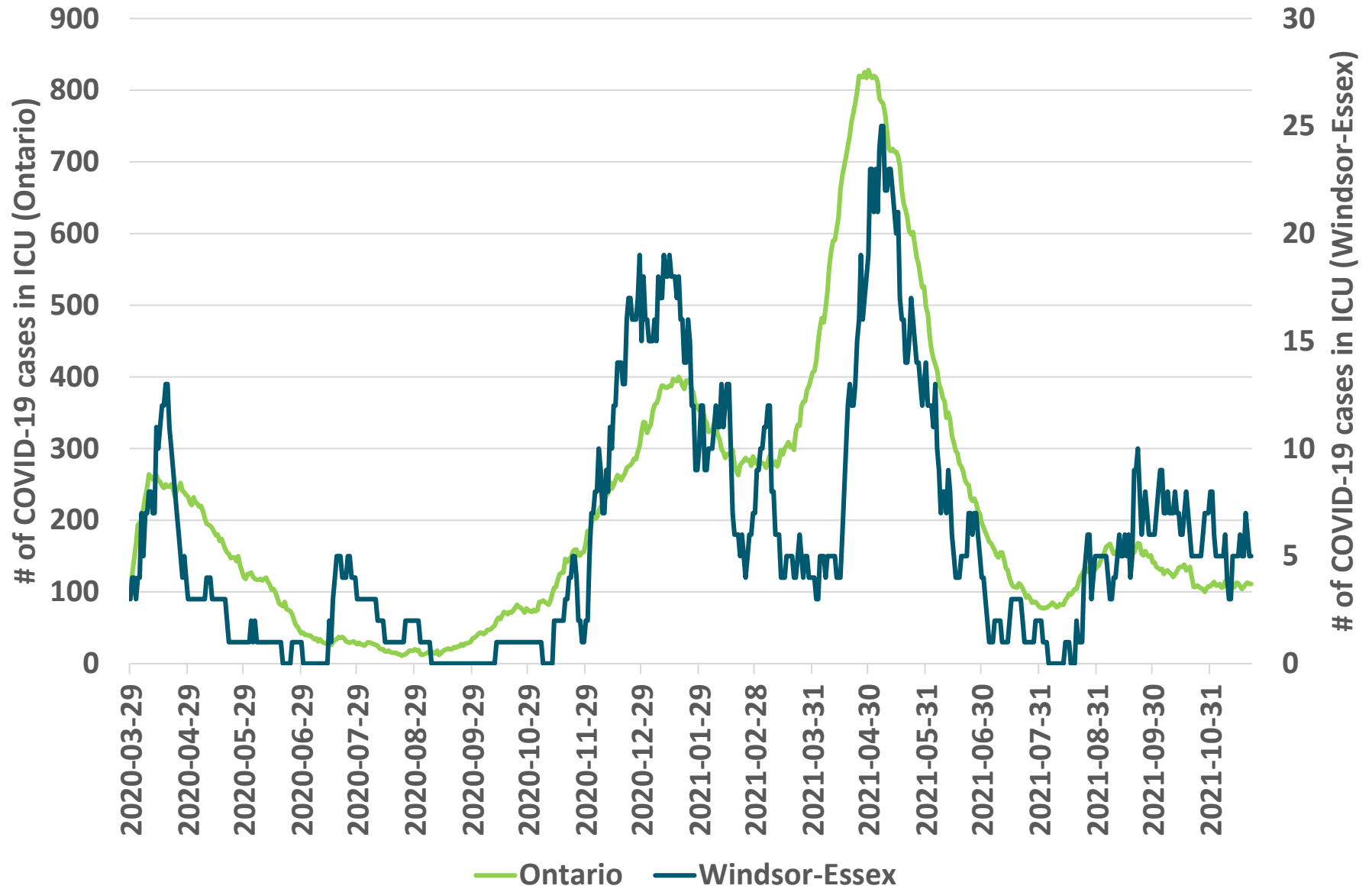
7-Day Average Comparison Between School-Aged Children & Overall Windsor-Essex Population



COVID-19 In-Patient Hospitalizations

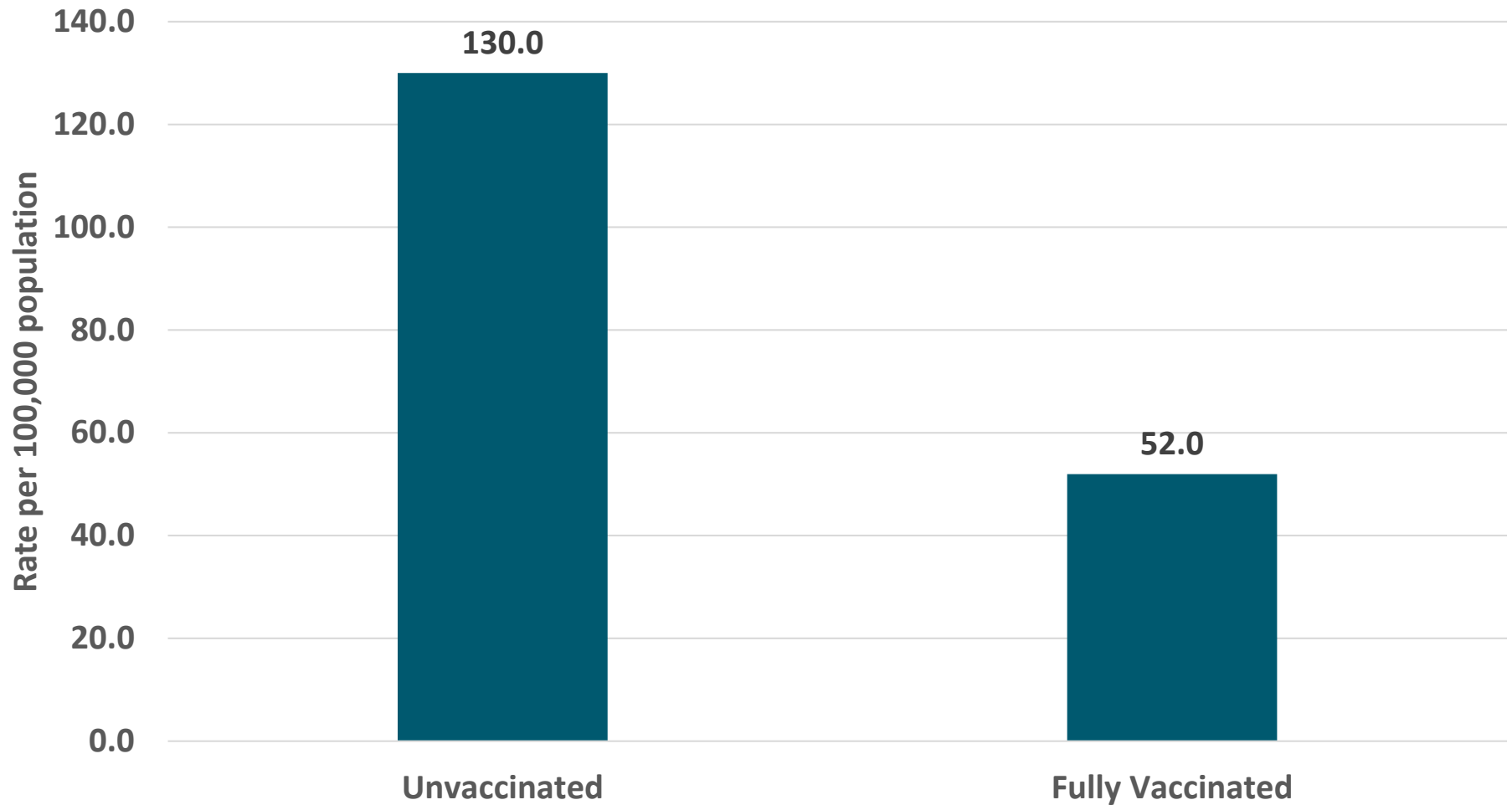


COVID-19 ICU



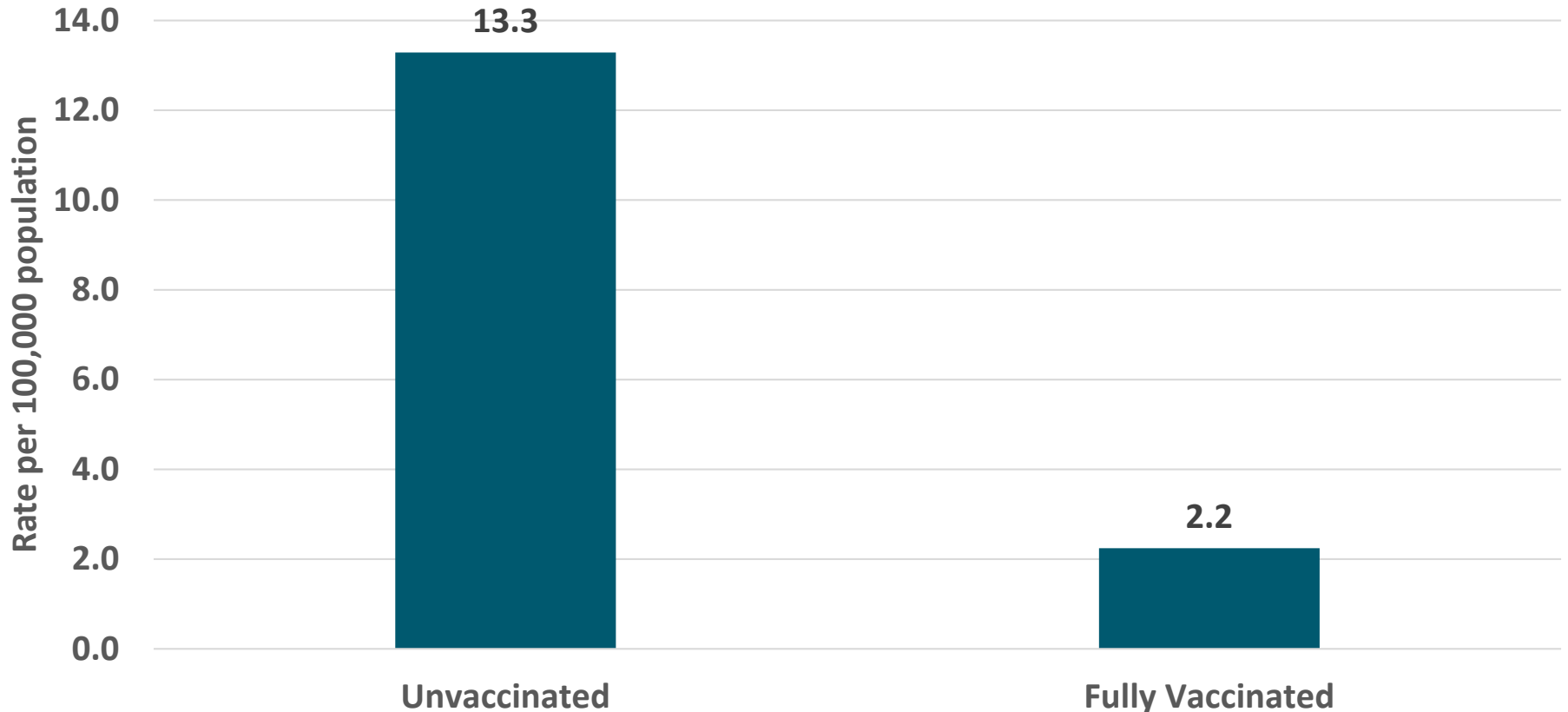
2021-11-25

Weekly Vaccination Case Rates (November 15 to November 21, 2021)



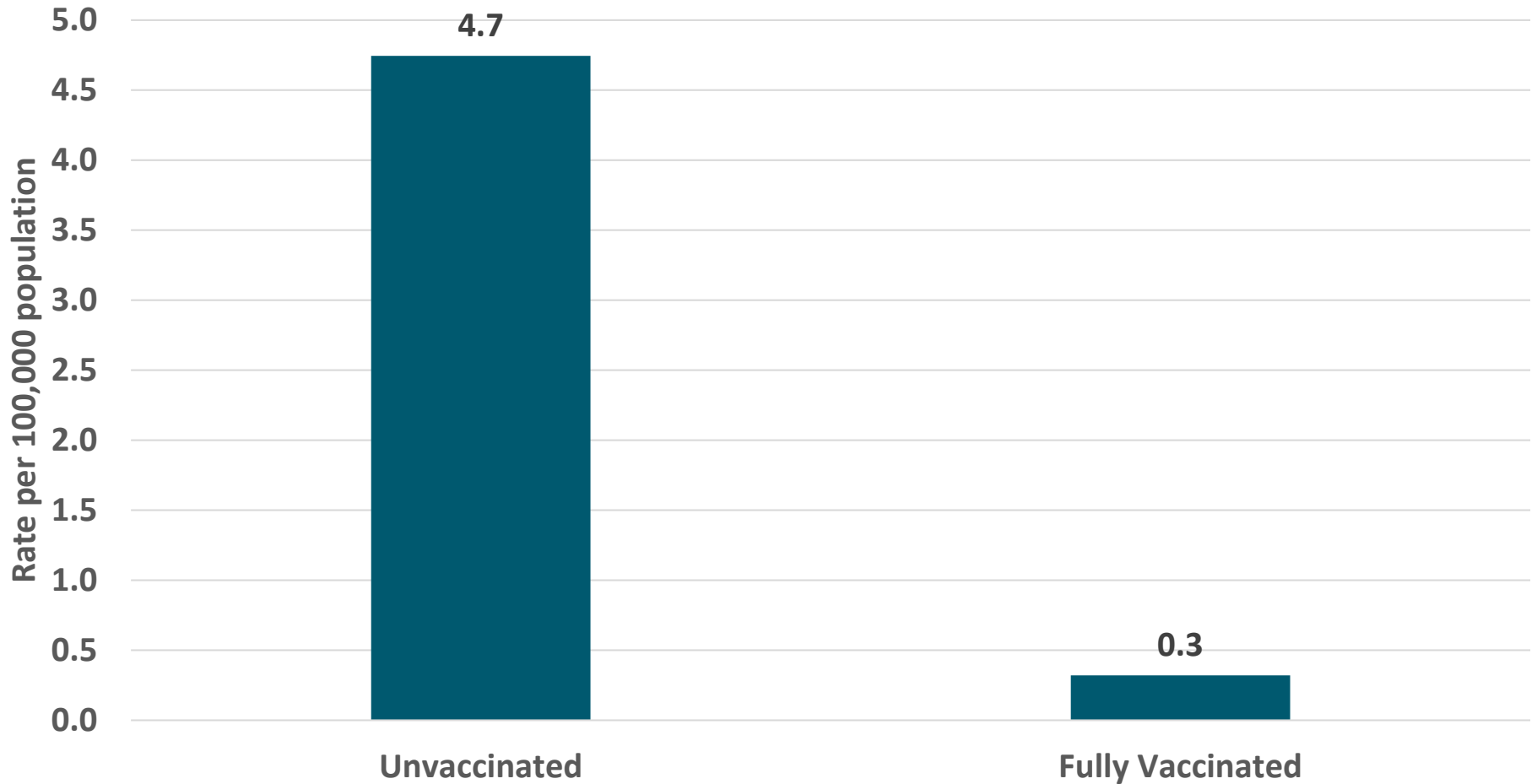
Relative risk = 2.5. Unvaccinated cases are 2.5 times more likely to acquire COVID-19 compared to those fully vaccinated

Weekly Vaccination Rates of In-Patient Hospitalized Cases (November 15 to November 21, 2021)



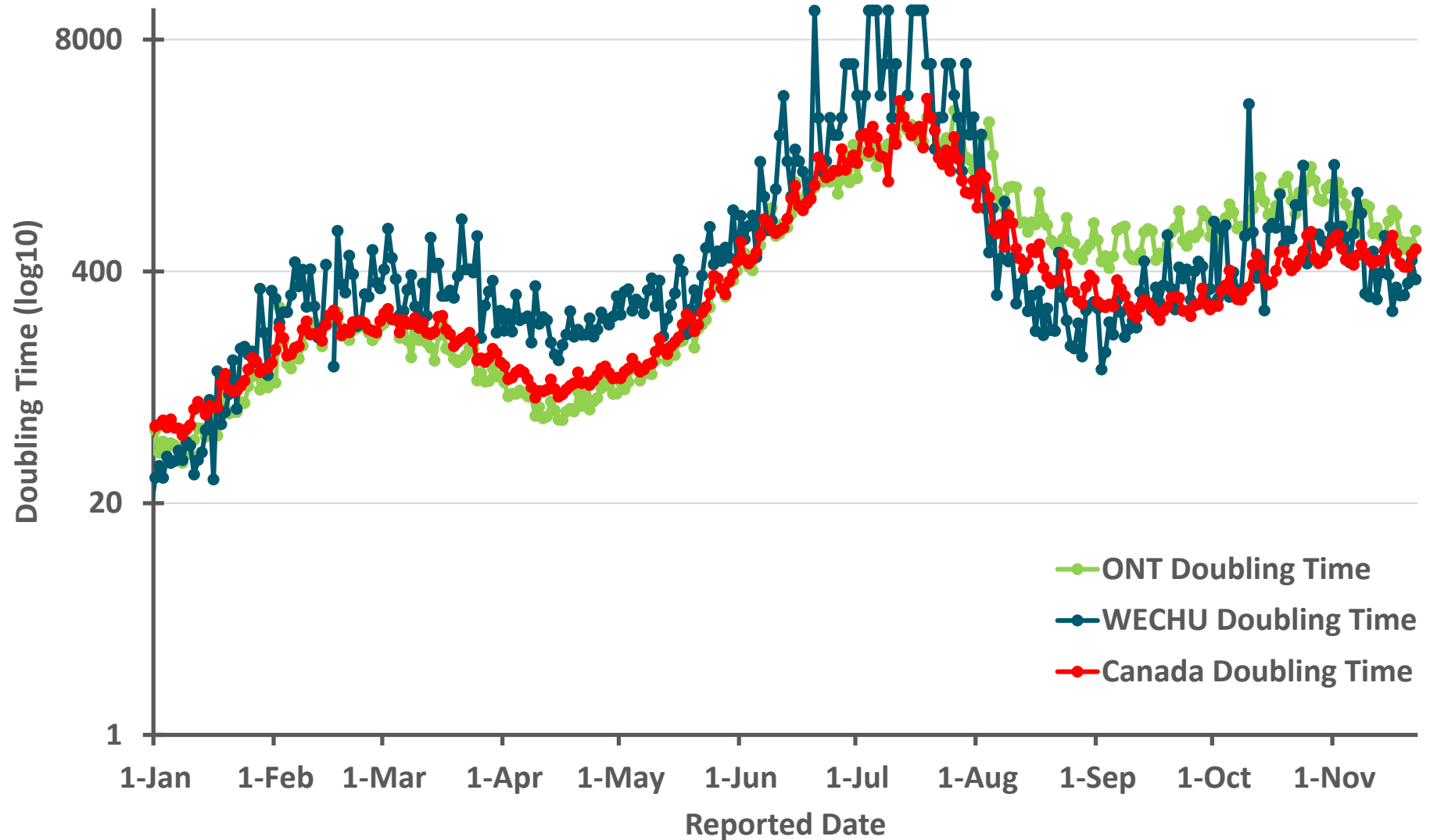
Relative risk = 5.9. Unvaccinated cases are 5.9 times more likely to be hospitalized for COVID-19 compared to those fully vaccinated

Weekly Vaccination Rate of ICU Cases (November 15 to November 21, 2021)

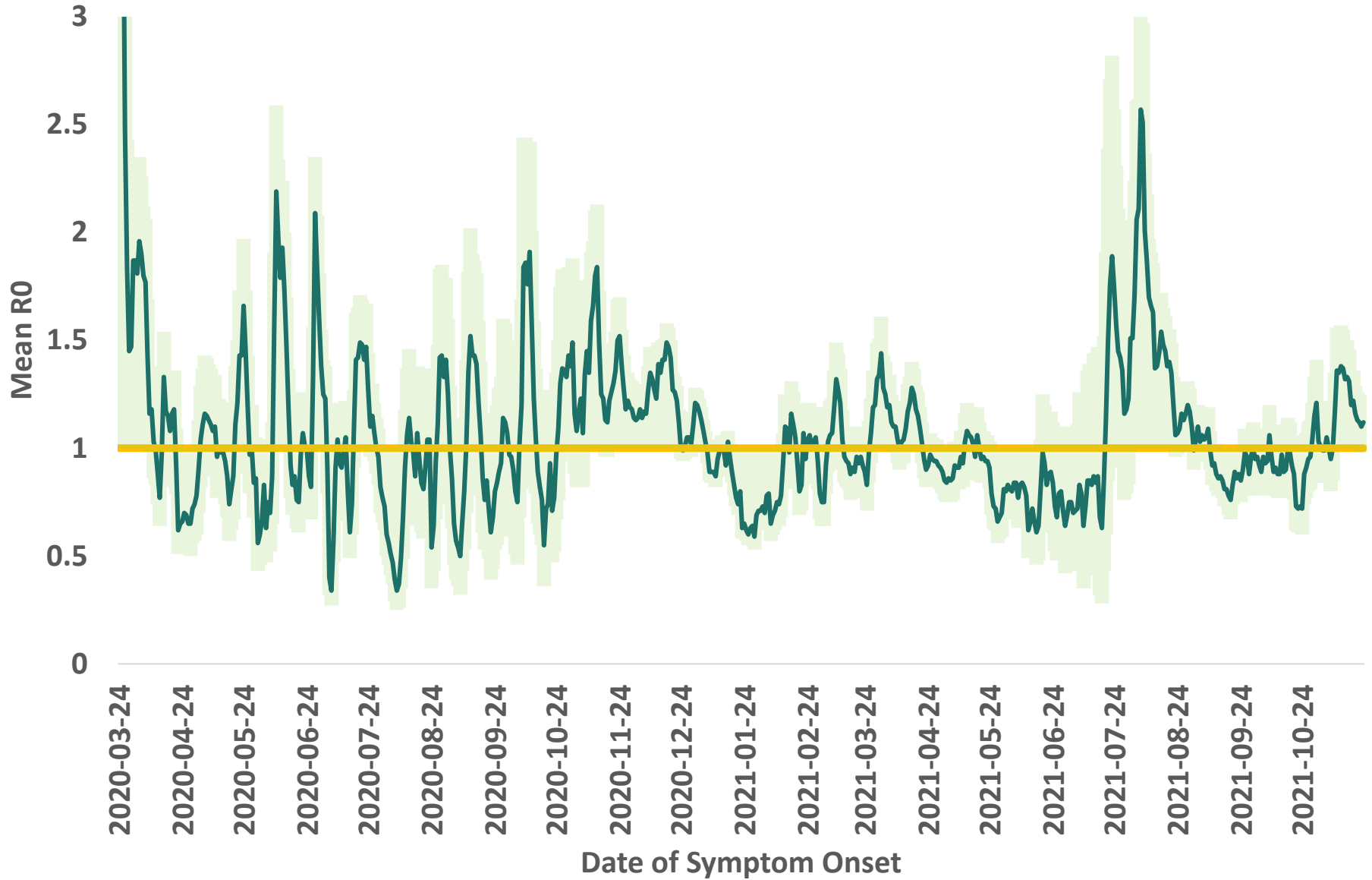


Relative risk = 14.8. Unvaccinated cases are 14.8 times more likely to be hospitalized in the ICU for COVID-19 compared to those fully vaccinated

Doubling Time (Day over Day Comparison)



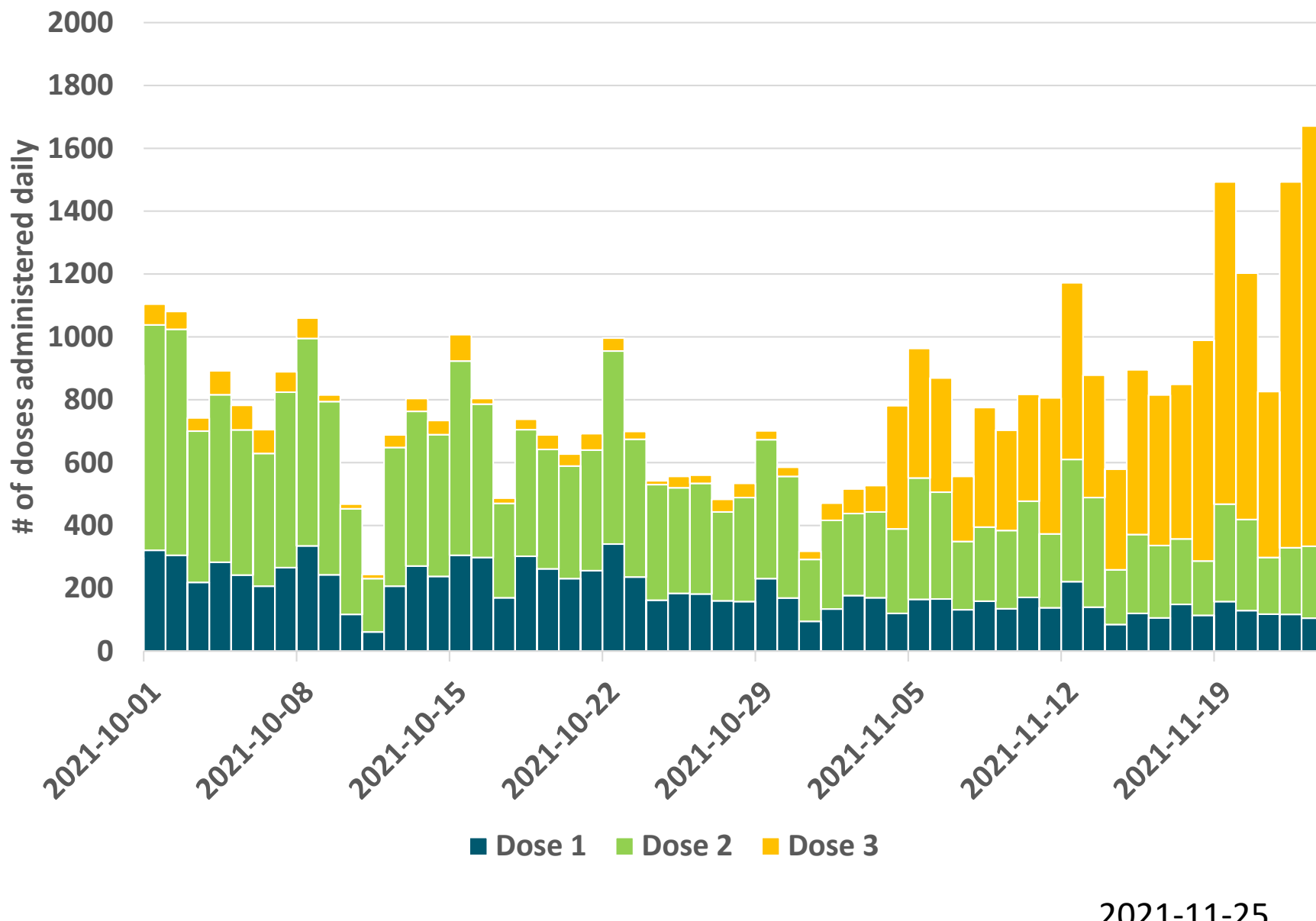
Median R0 (Effective)



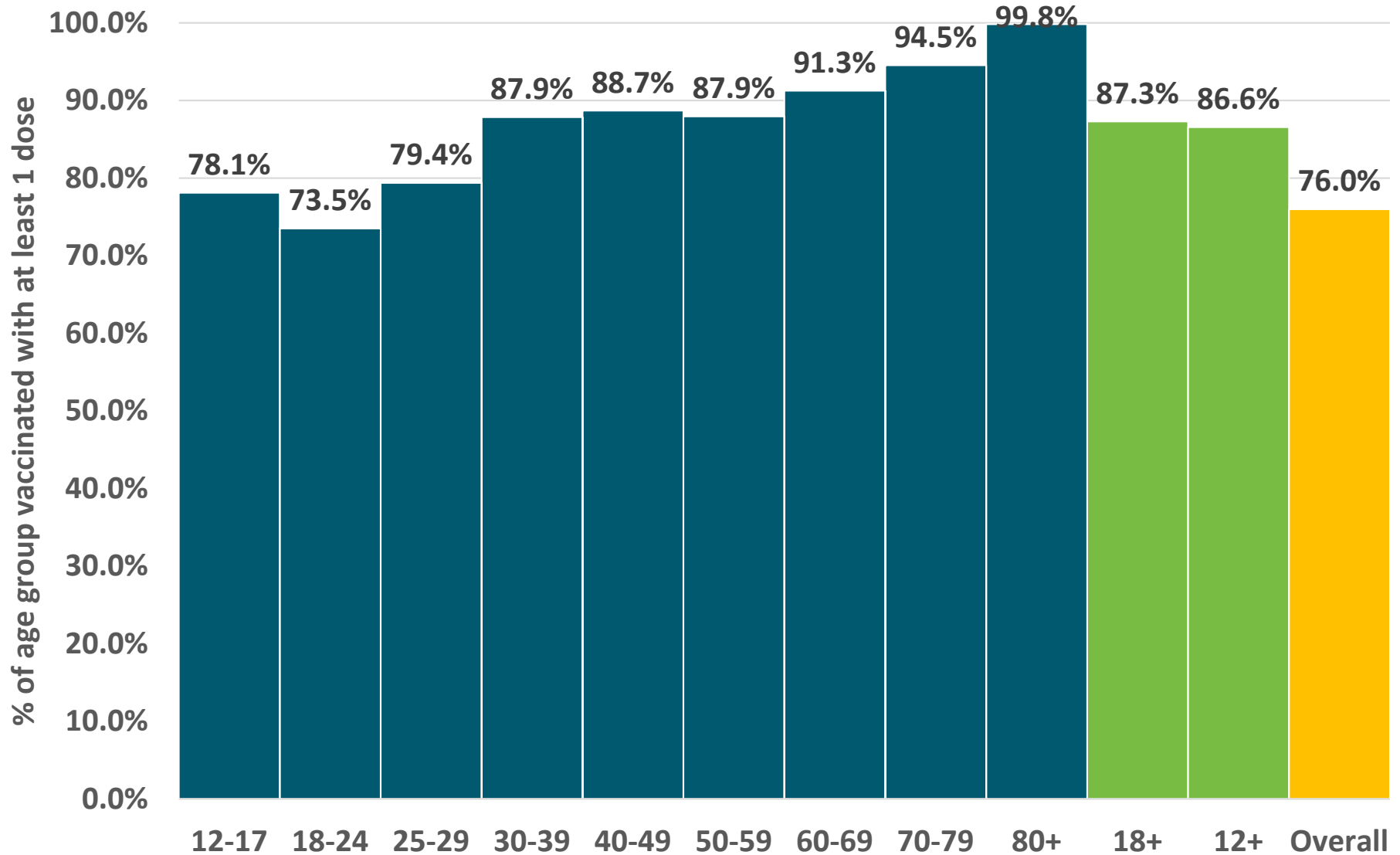
2021-11-25

COVID-19 Vaccine Status

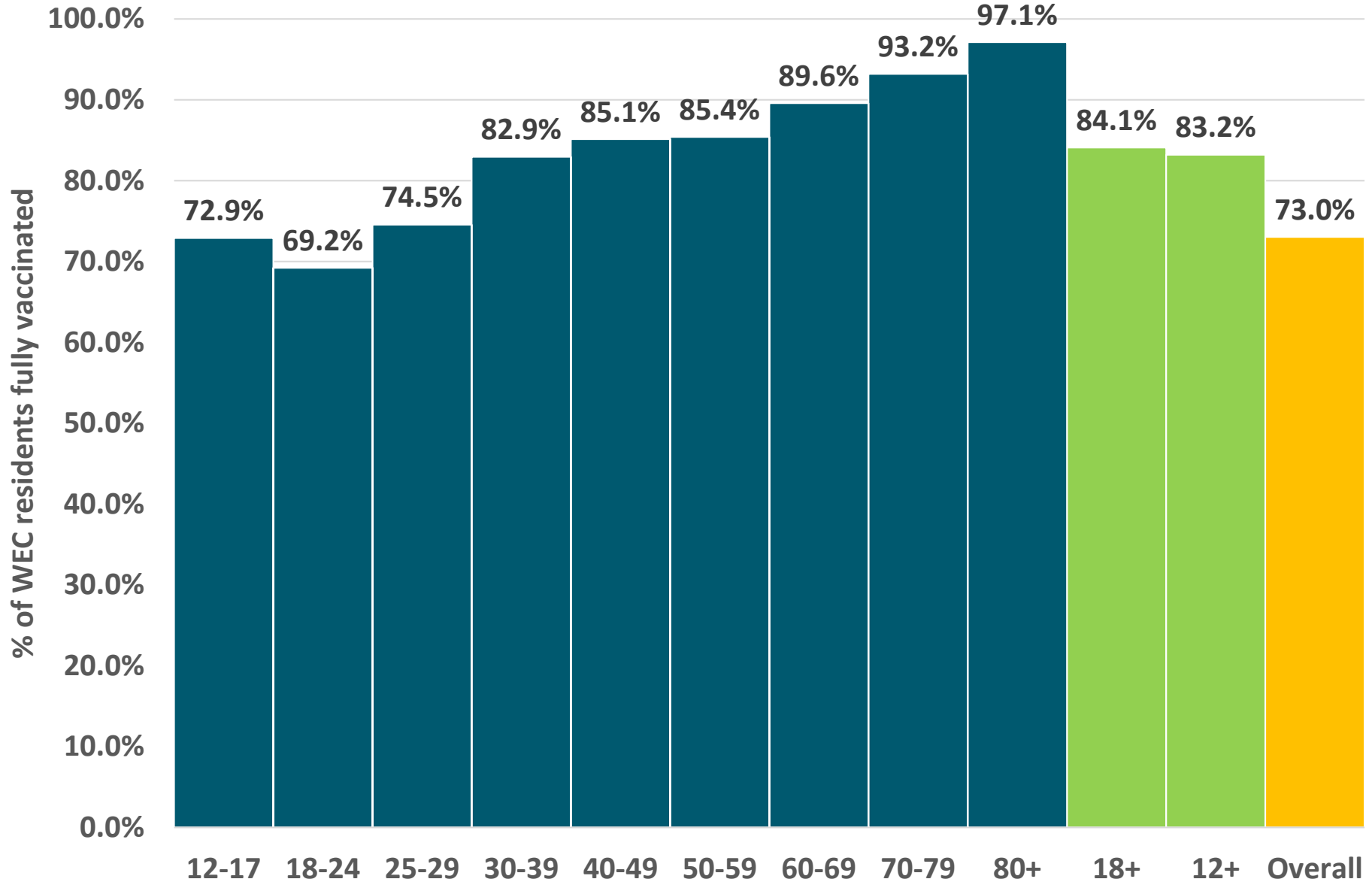
Number of Vaccine Doses Administered Daily to Windsor-Essex Residents (October to Present)



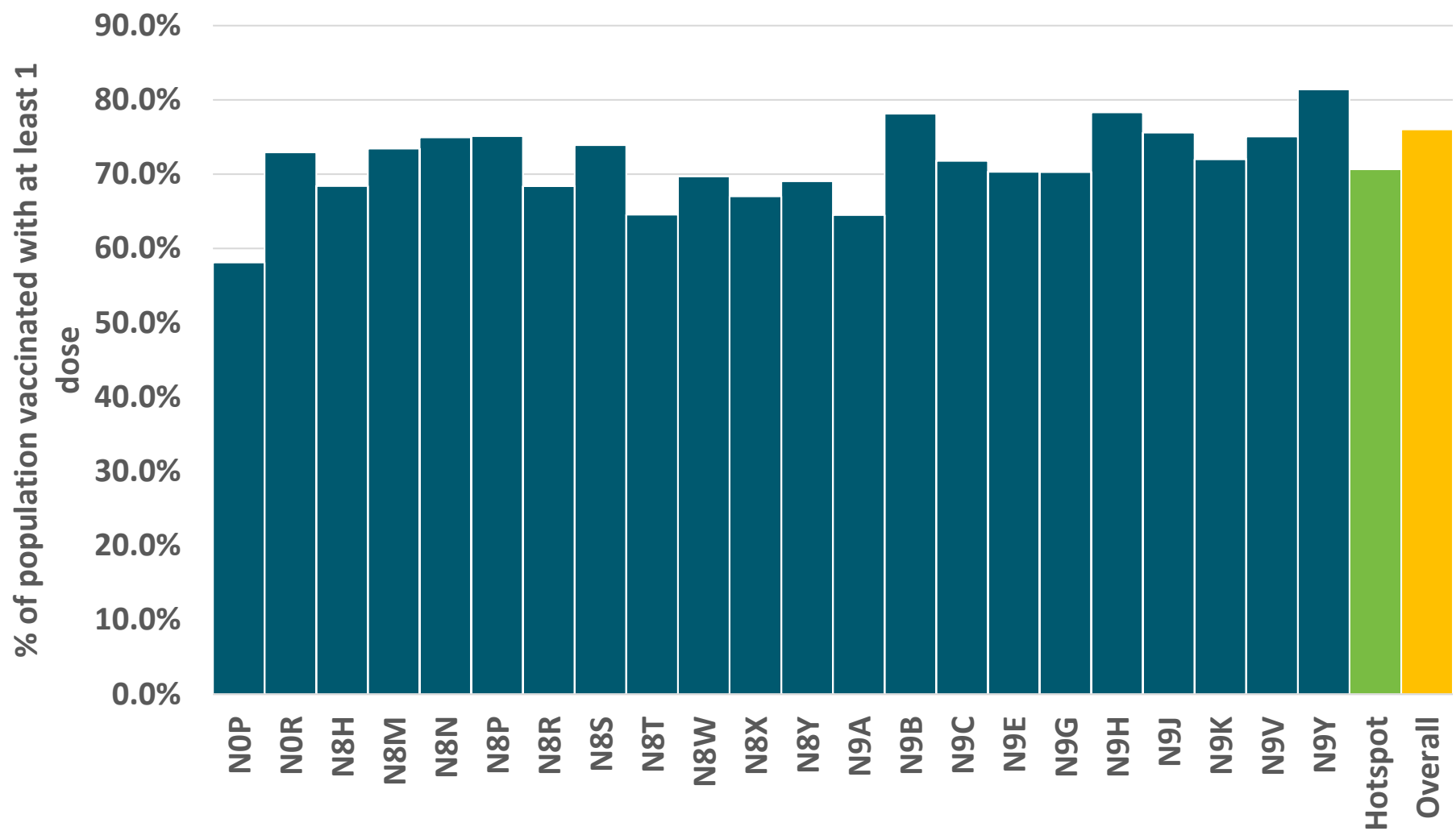
WEC Residents Vaccinated With At Least One Dose by Age Group



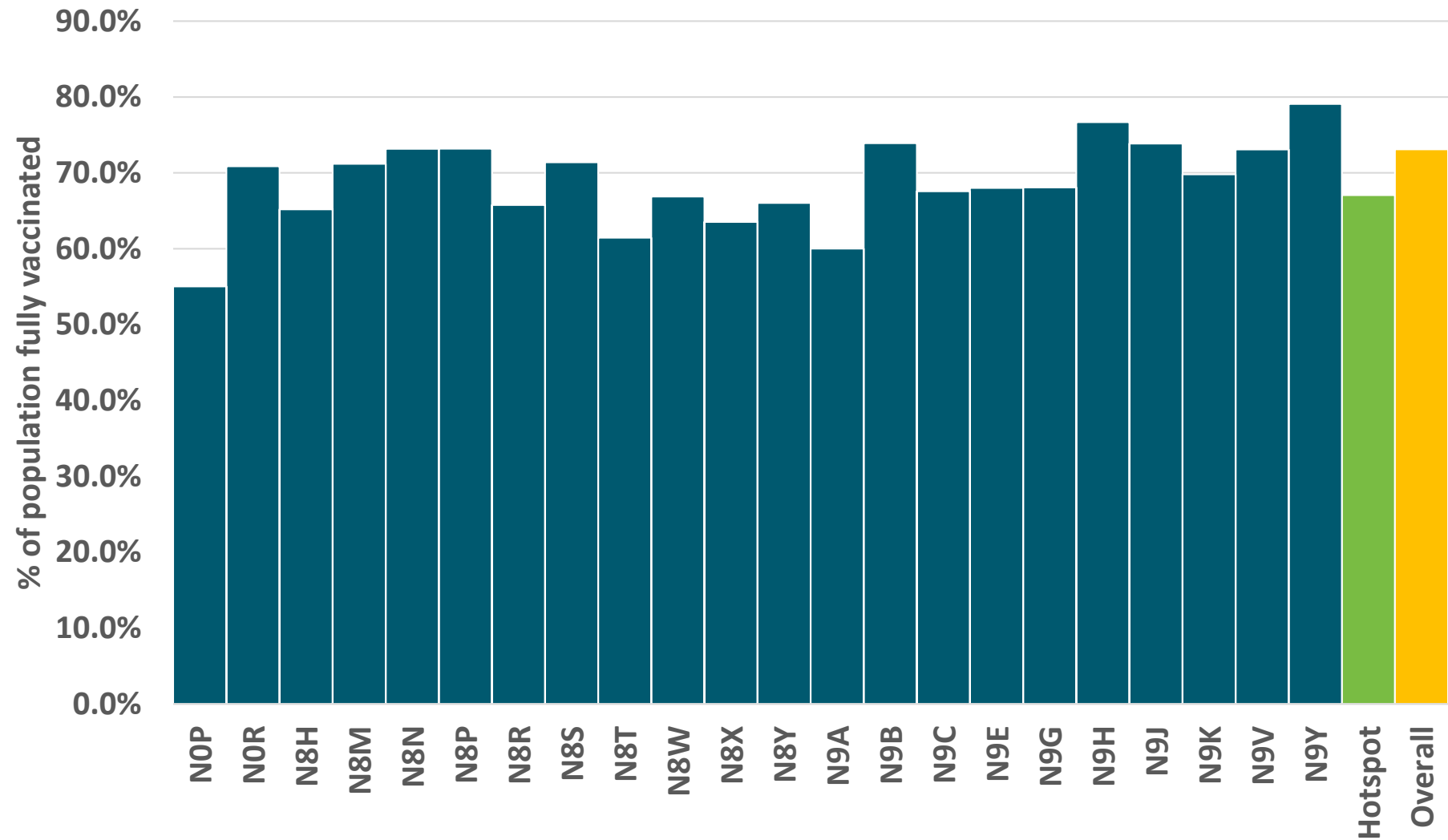
WEC Residents Fully Vaccinated by Age Group



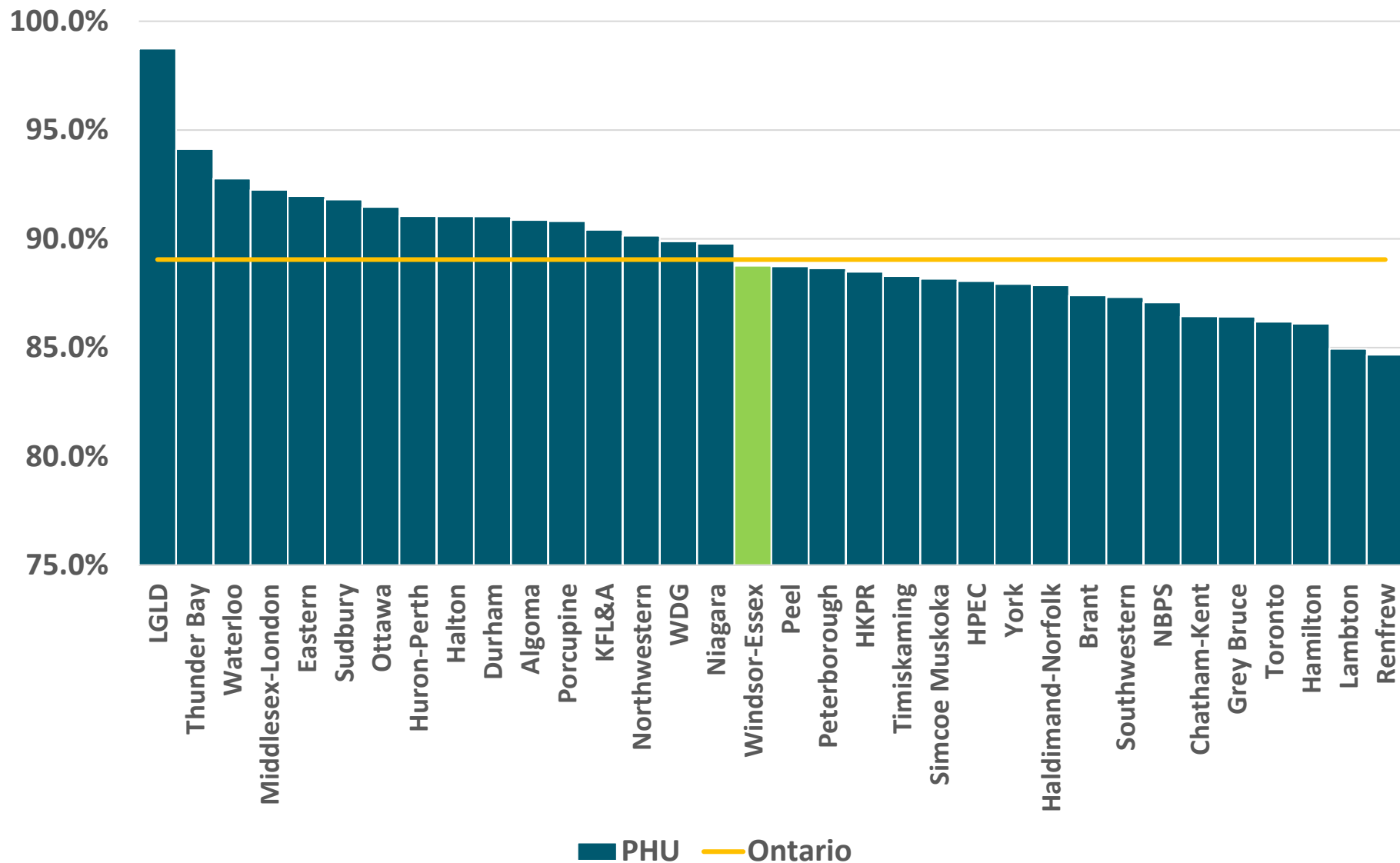
Vaccine Coverage in WEC by Forward Sortation Area With at Least 1 Dose Administered (all residents including children)



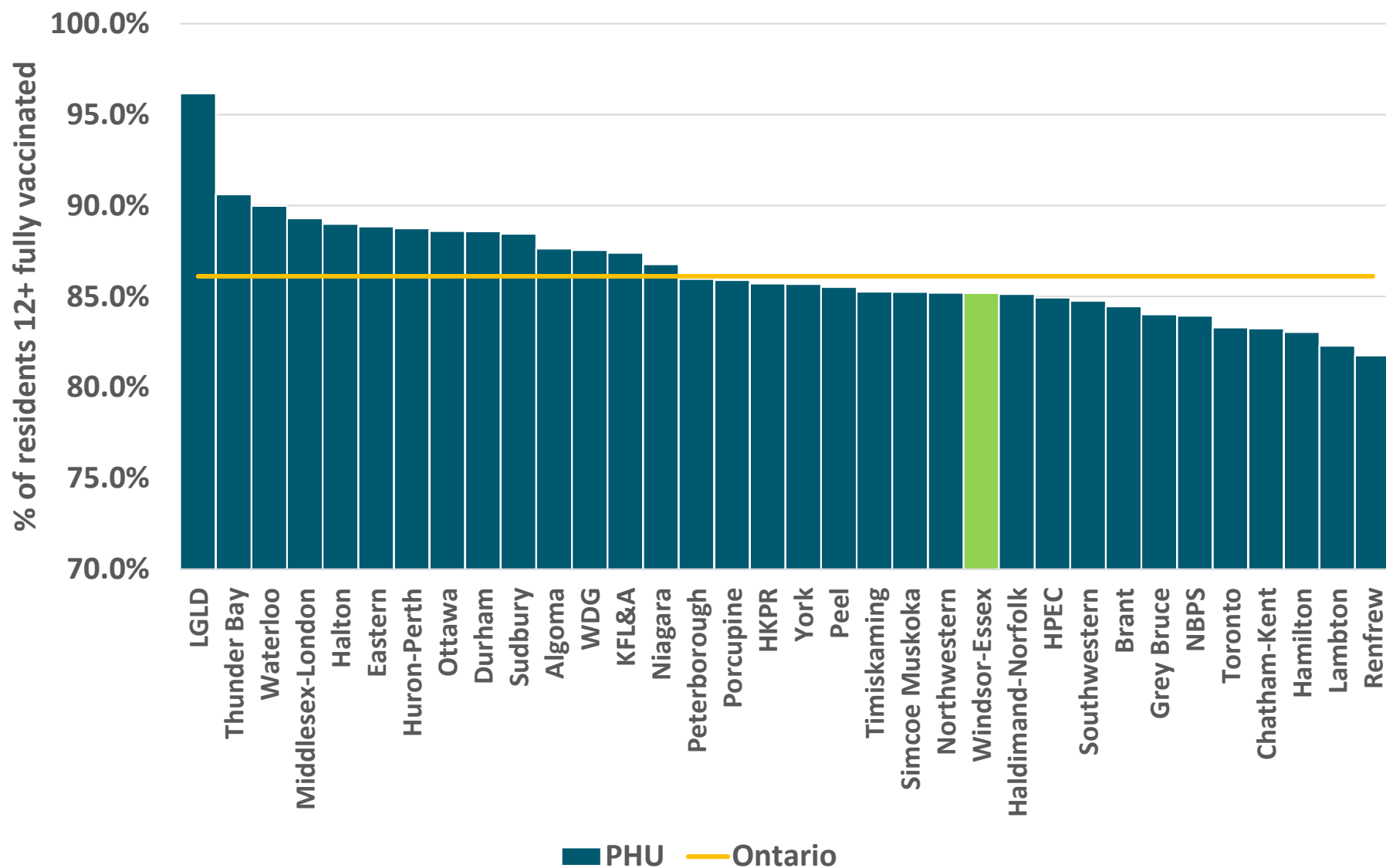
Fully Vaccinated Coverage Rates by Forward Sortation Area in Windsor-Essex County (all residents including children)



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

Summary of Monitoring Indicators for WEC

- Most recent completed weekly case rate = 73.8 cases/100,000 population
 - Most recent 7-day rate = 74.5 cases/100,000 population
- Percent positivity = 4.8% (full week)
 - Most recent 7-days percent positivity = 4.8%
- R_0 (effective) = 1.1
- Outbreaks remain high in our region
- 86.6% of Windsor-Essex residents 12+ have received with at least 1 dose
- 83.2% of Windsor-Essex residents 12+ are fully vaccinated