



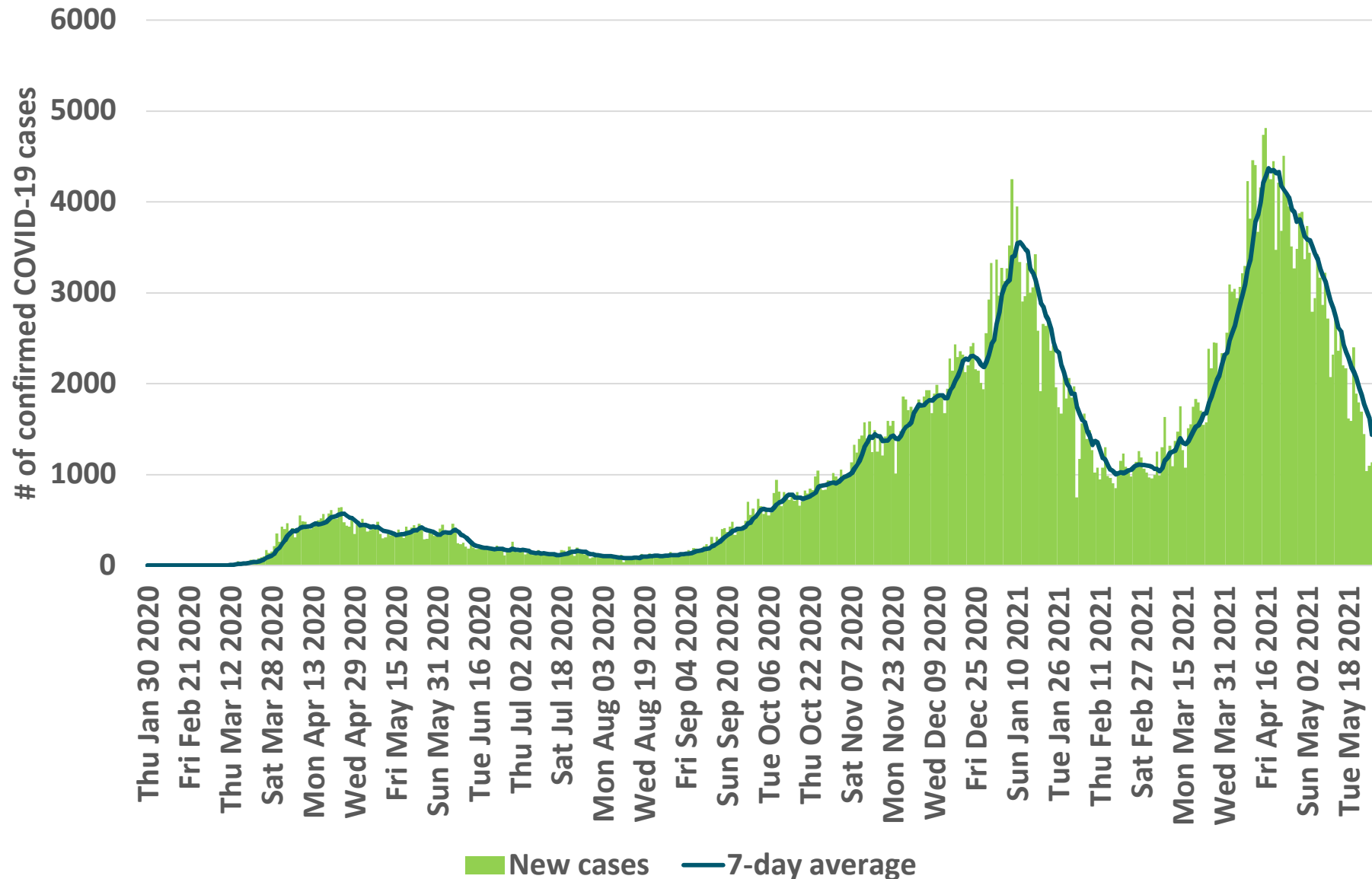
COVID-19 *LIVE UPDATE*

May 28, 2021

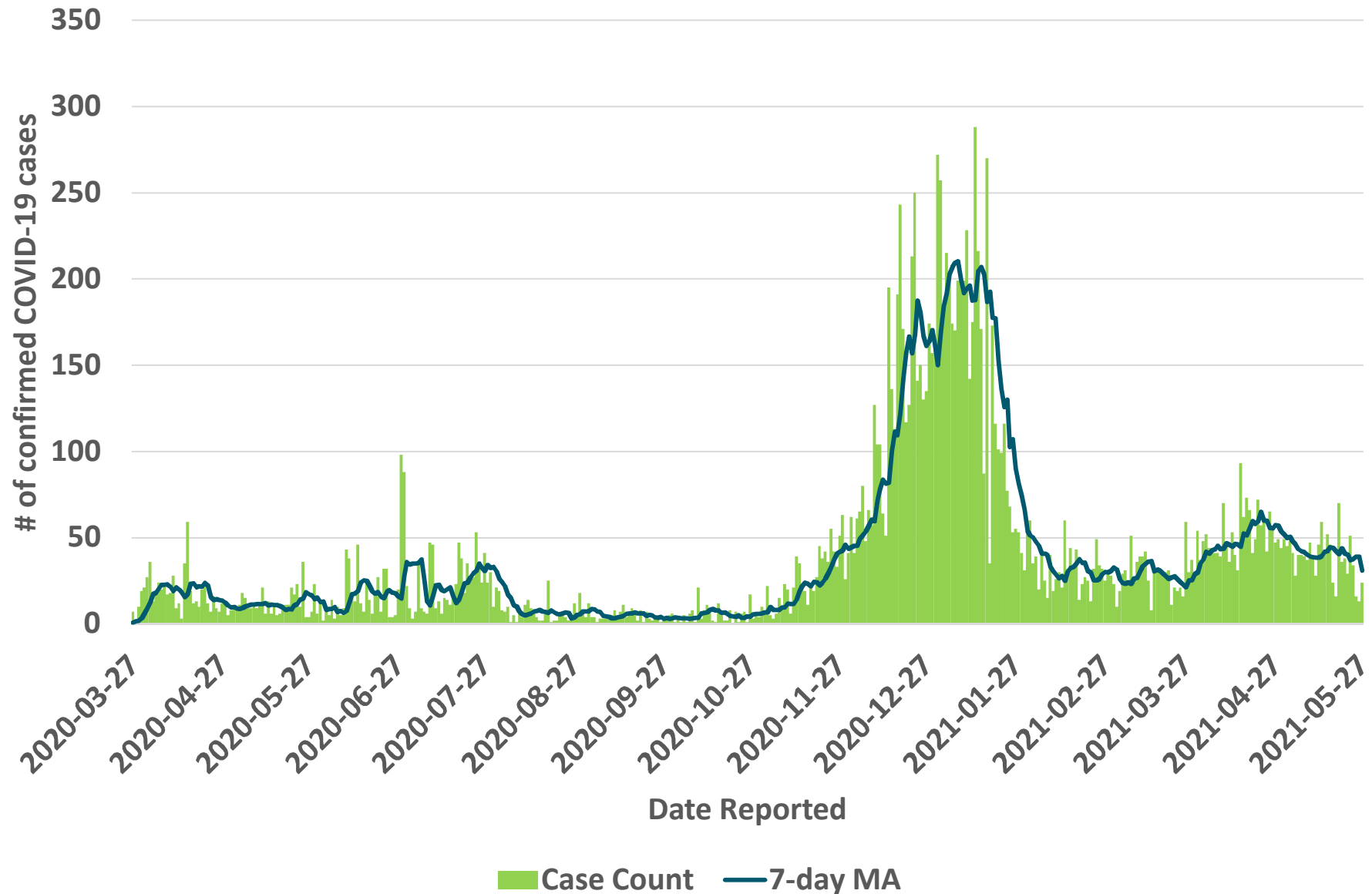
FOR UP-TO-DATE
CASE NUMBERS
VISIT
wechu.org

COVID-19 Cases in Windsor-Essex and Ontario

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

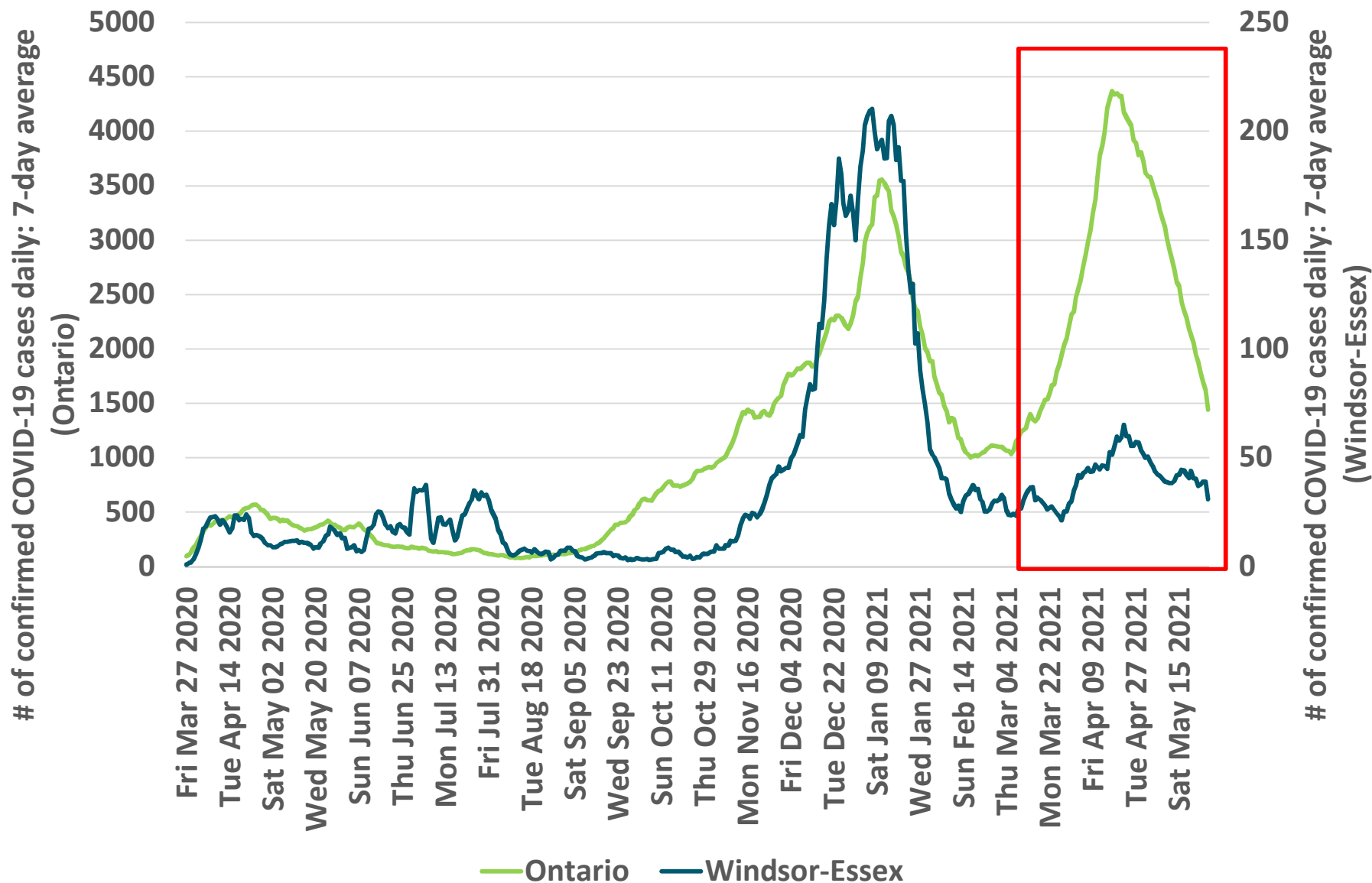


Epidemic Curve by Reported Date in Windsor-Essex

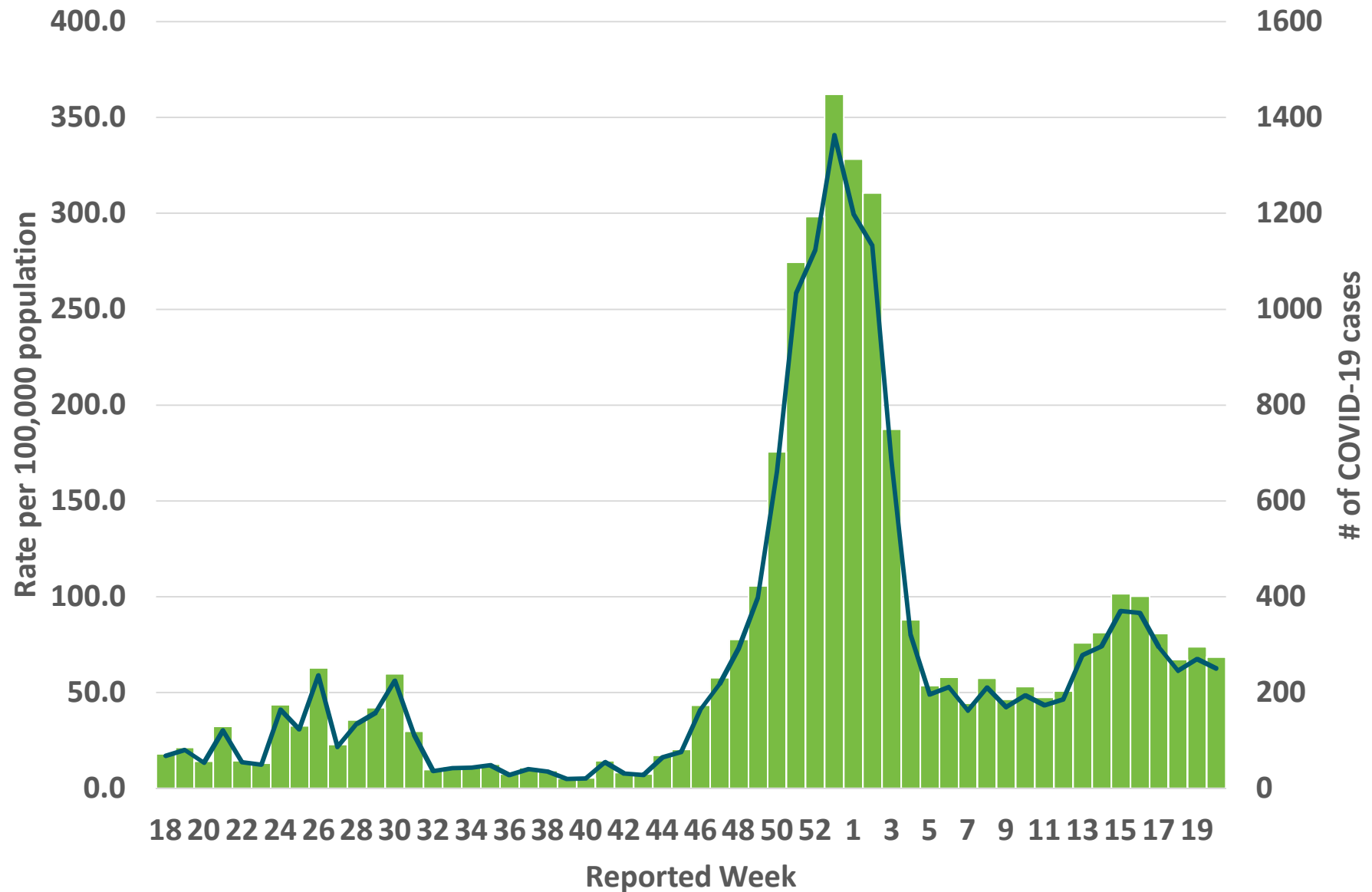


2021-05-28

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

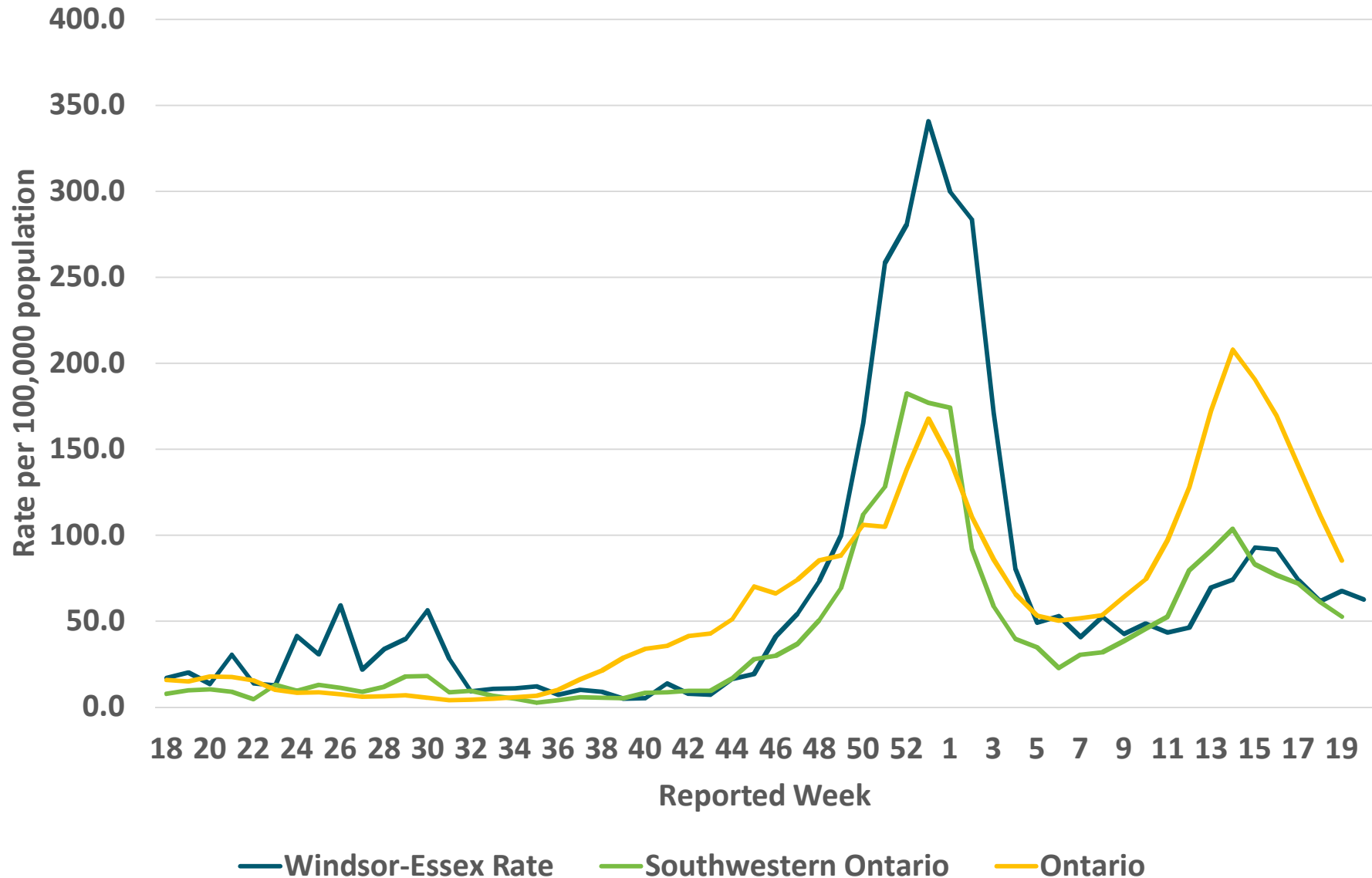


Windsor-Essex Rate by Reported Week



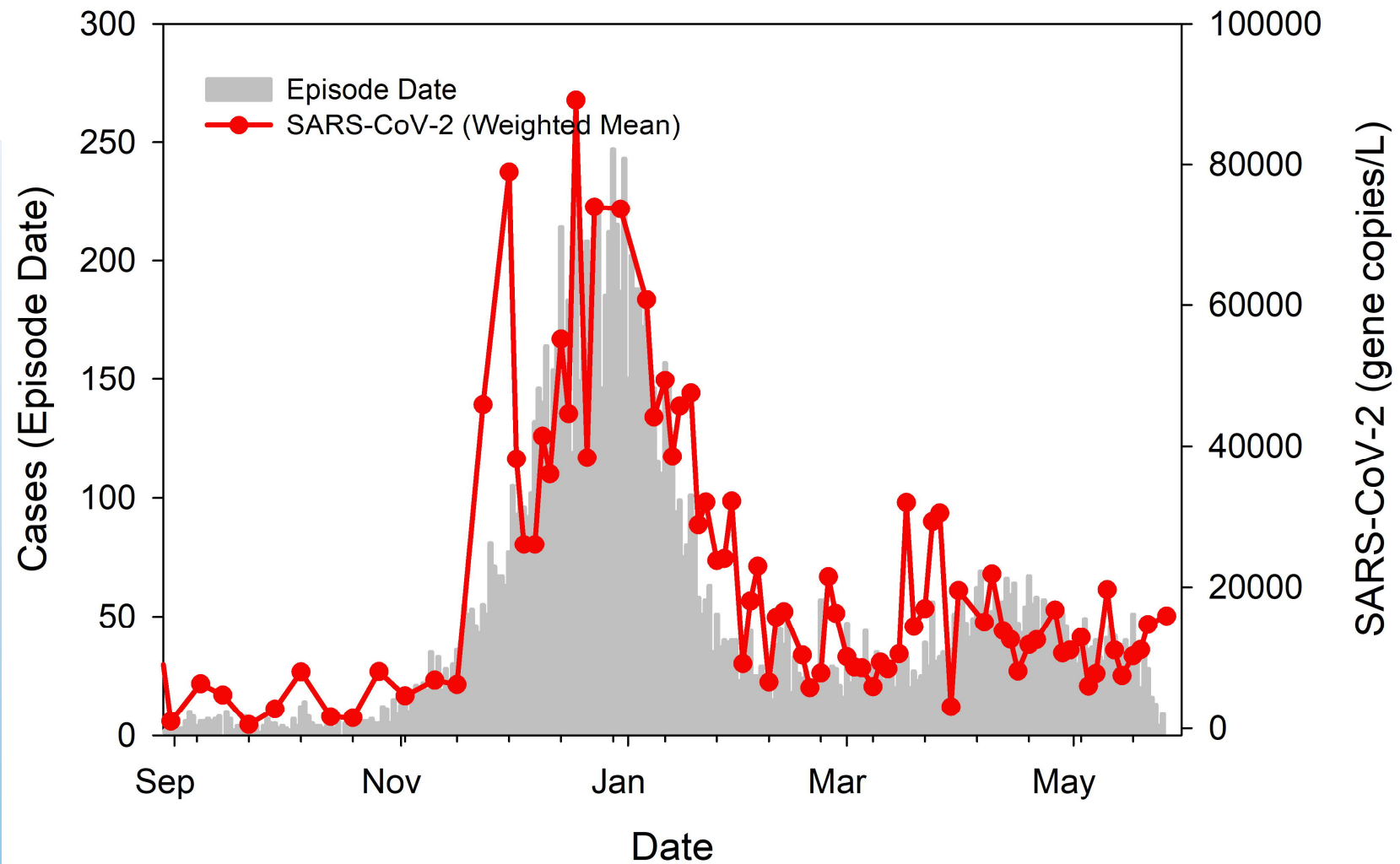
2021-05-28

Weekly Comparison of Rates in Ontario



2021-05-28

Windsor-Essex Wastewater Data



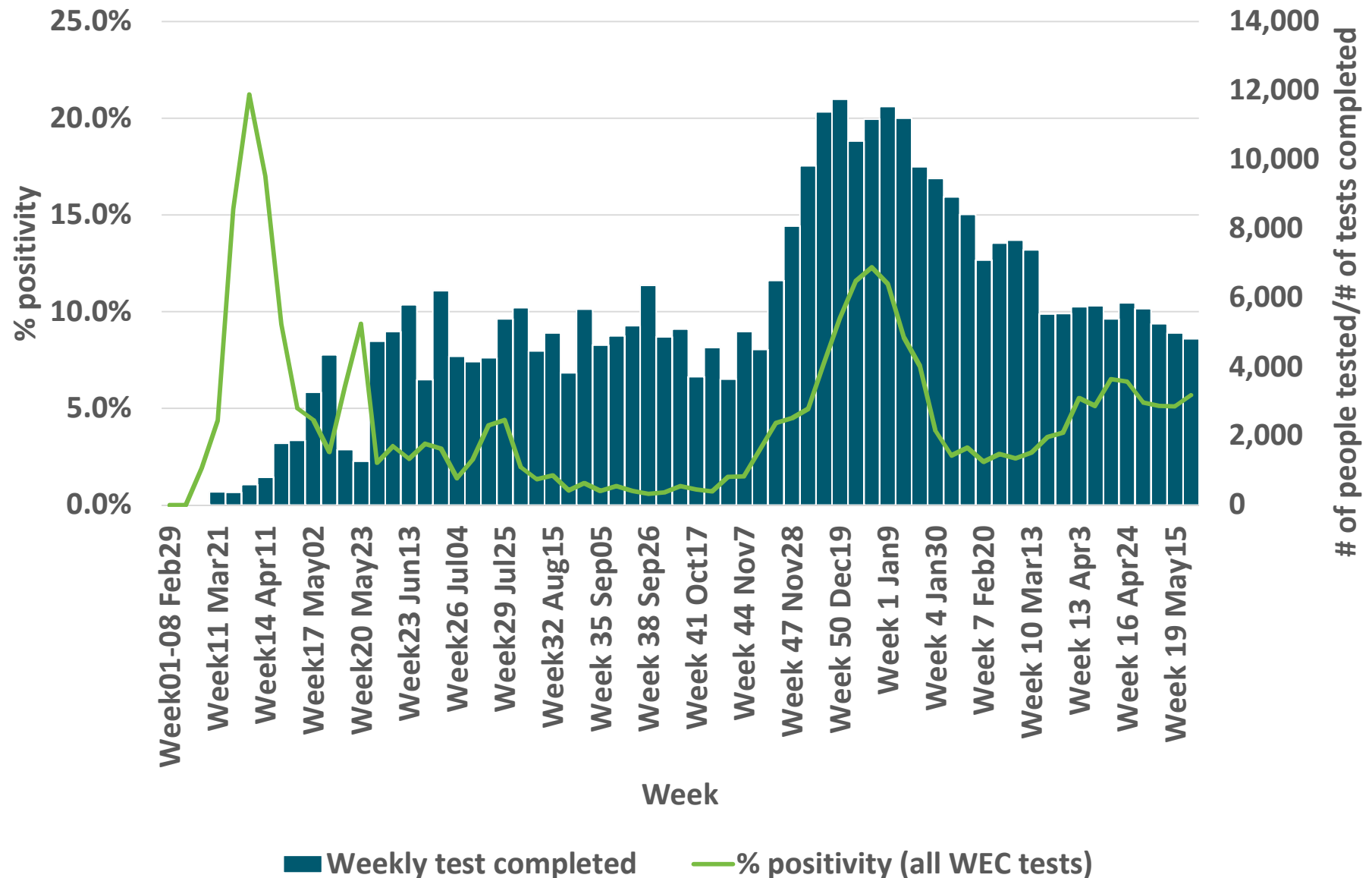
GLIER
GREAT LAKES INSTITUTE FOR
ENVIRONMENTAL RESEARCH
at the University of Windsor



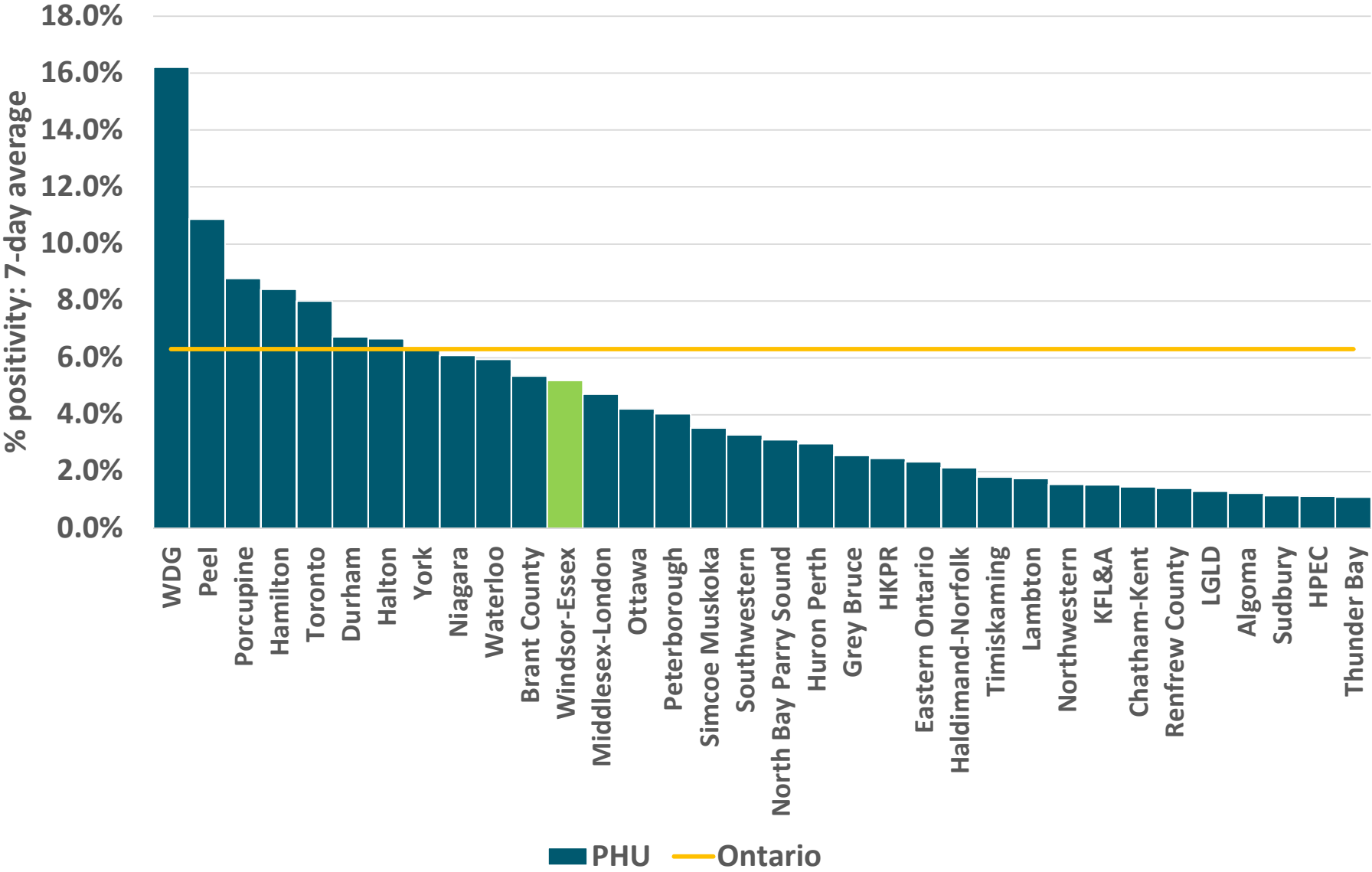
University
of Windsor

uwindsor.ca/GLIER

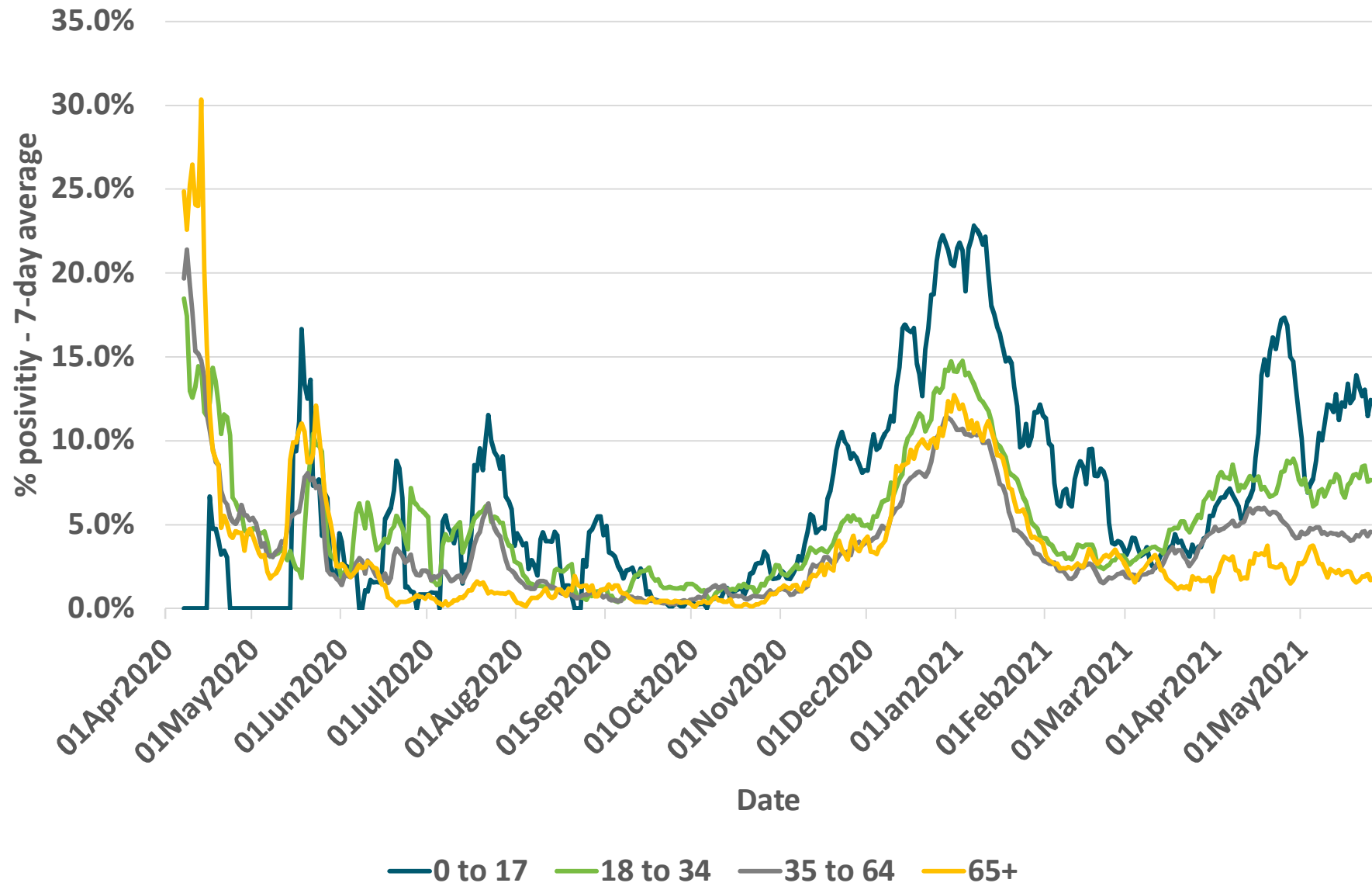
Percent Positivity by Week by All Tests



% Positivity in Ontario: 7-Day Average

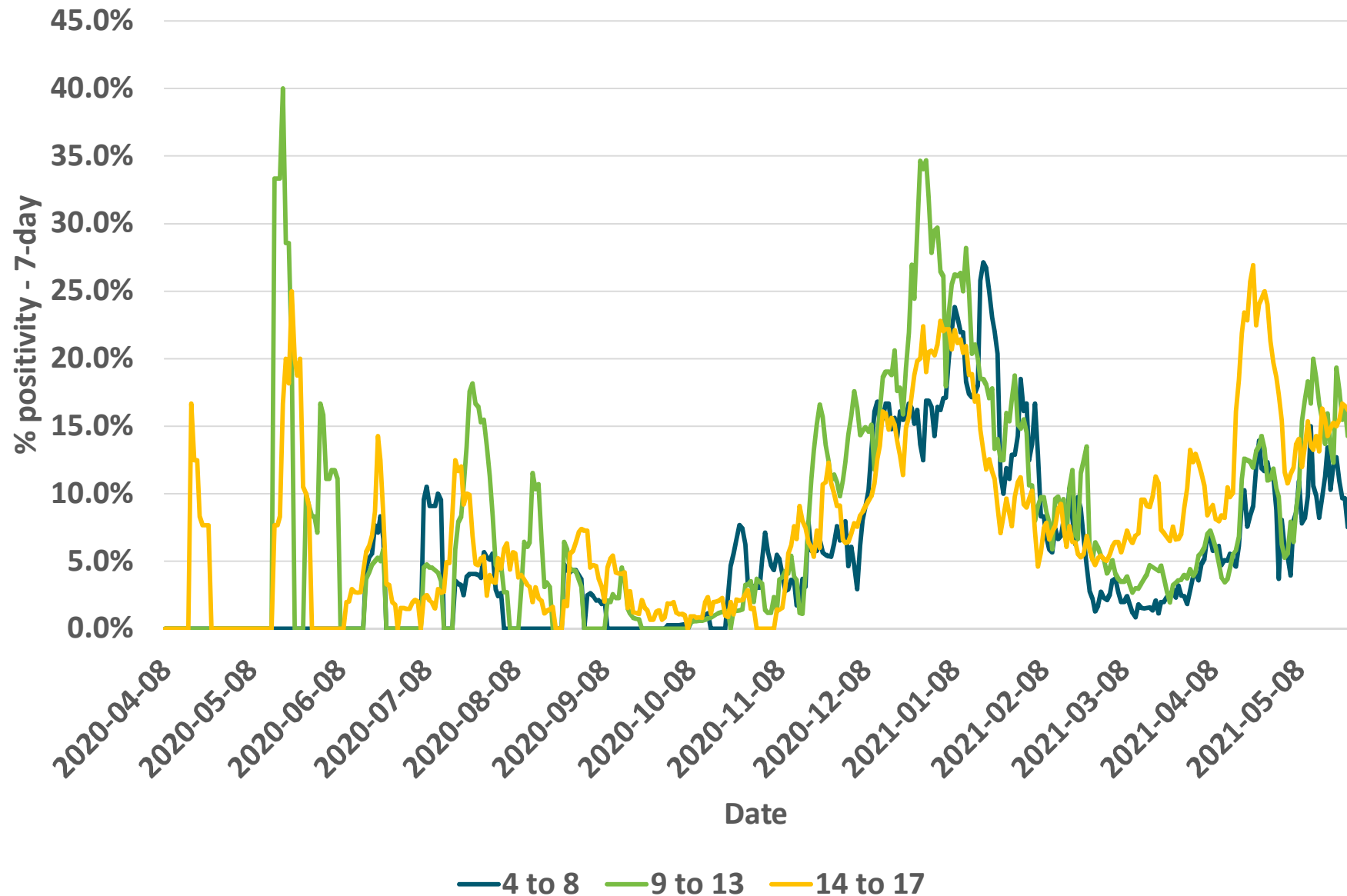


Percent Positivity by Age Group



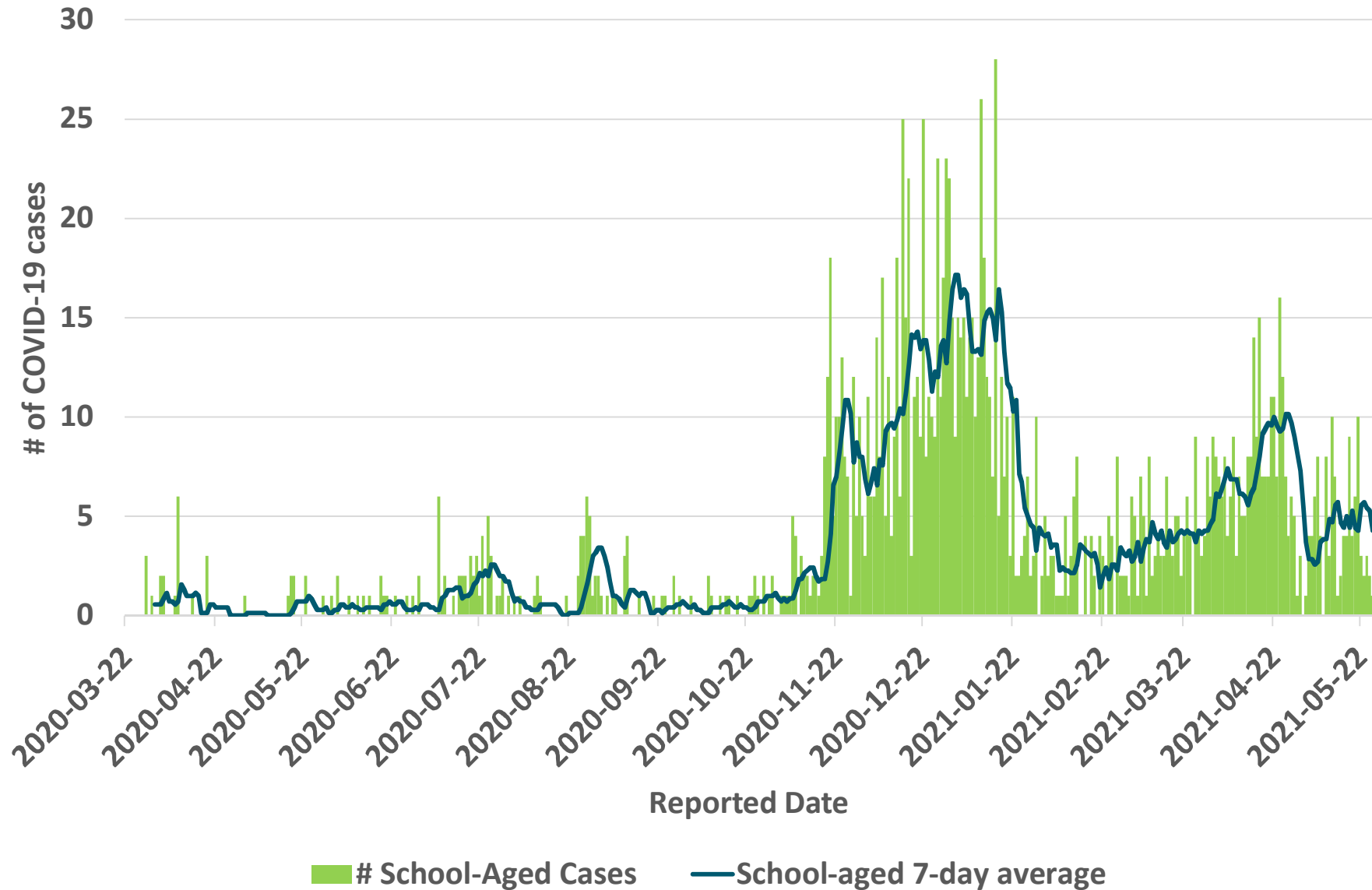
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Percent Positivity by School Aged



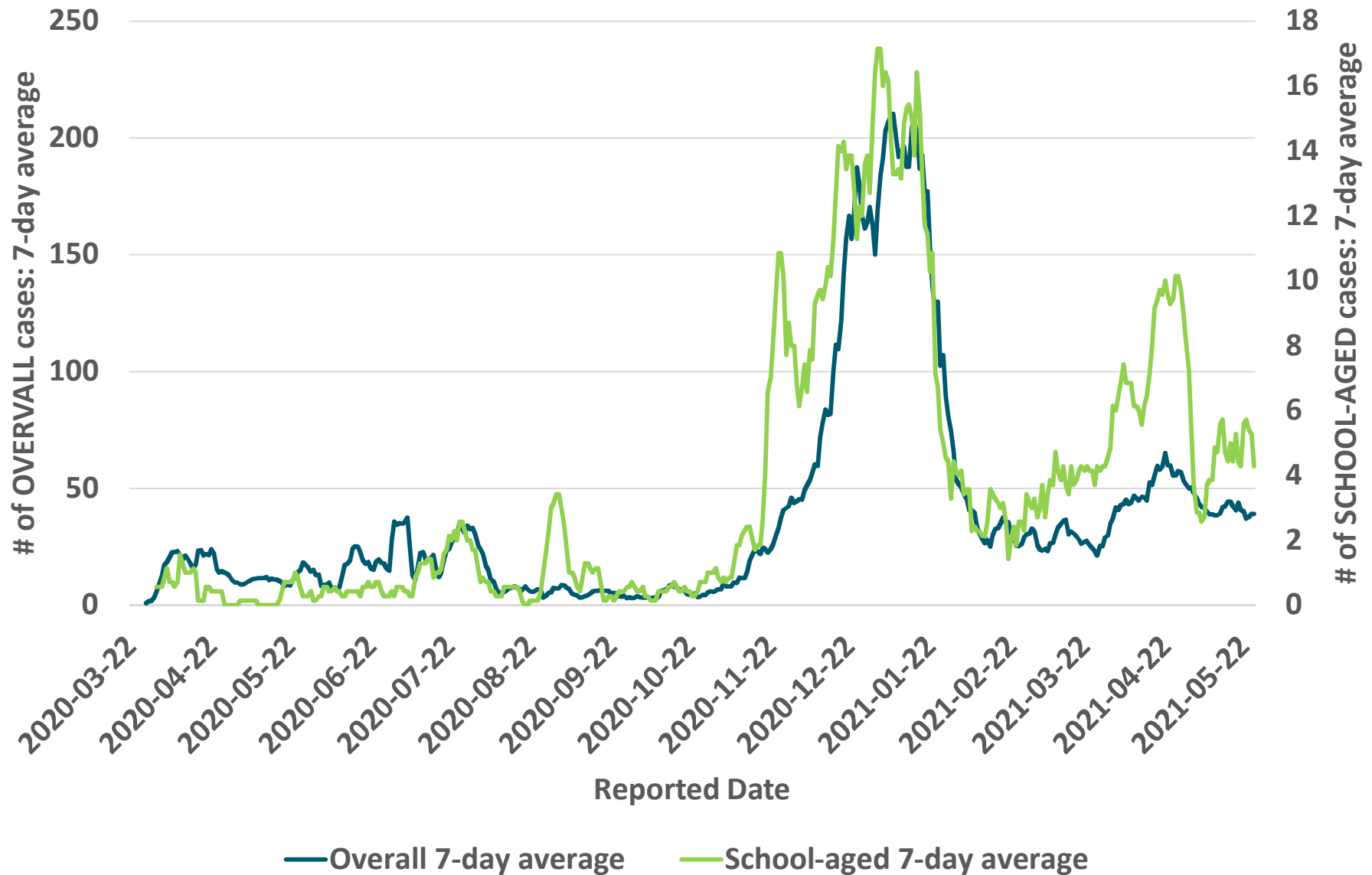
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School Aged Epidemic Curve in Windsor-Essex



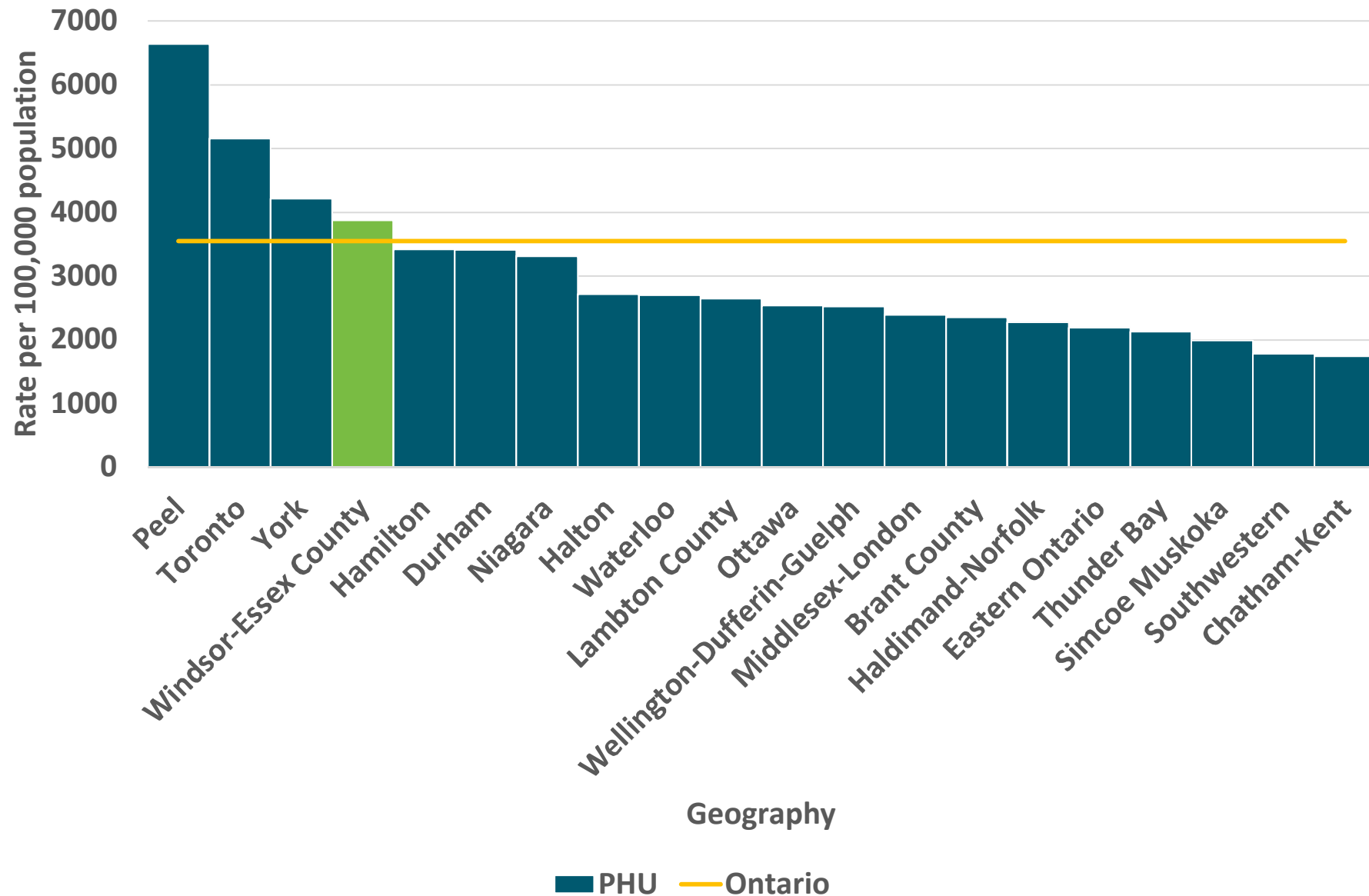
2021-05-28

7-Day Average Comparison: School Aged vs. Overall

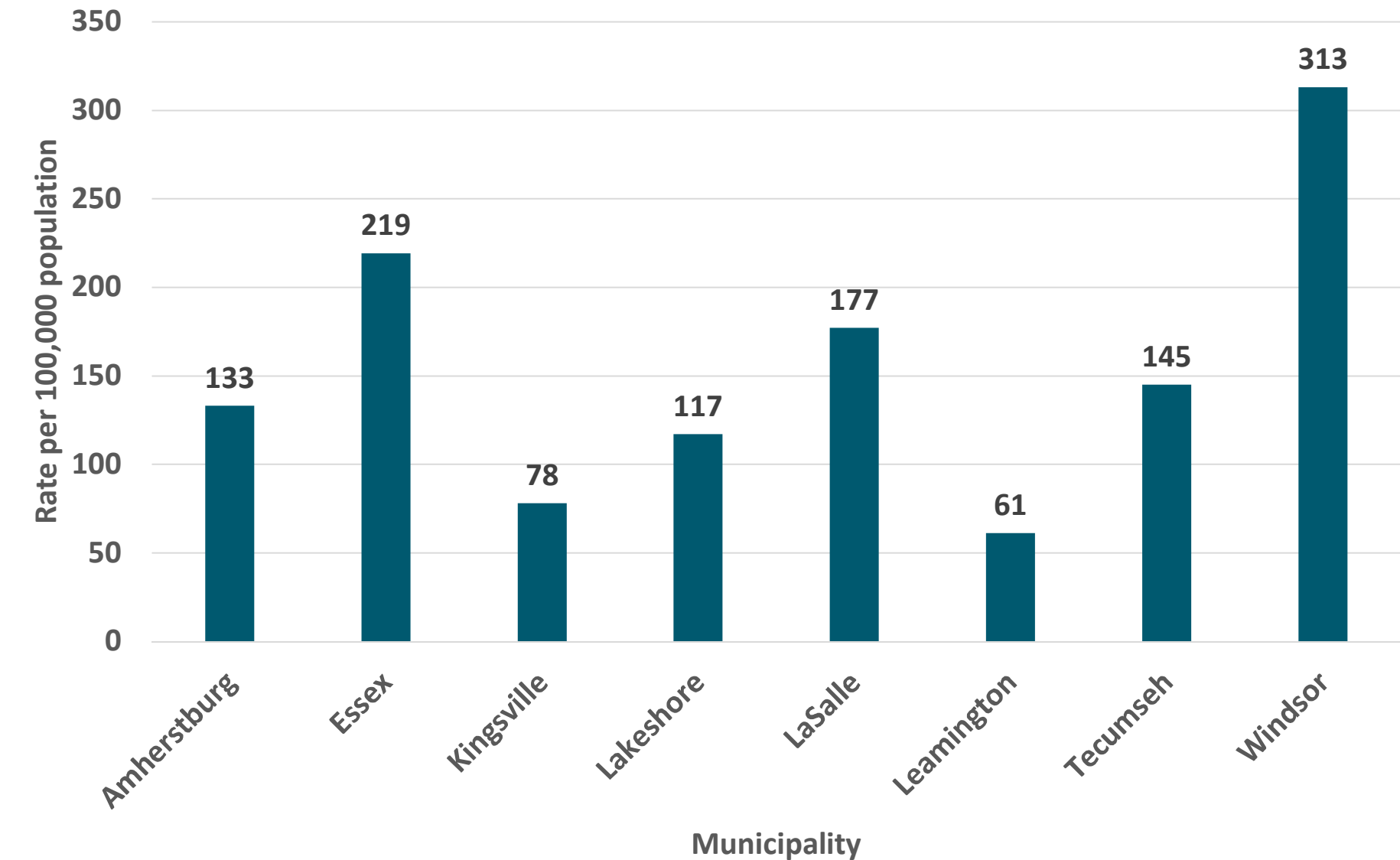


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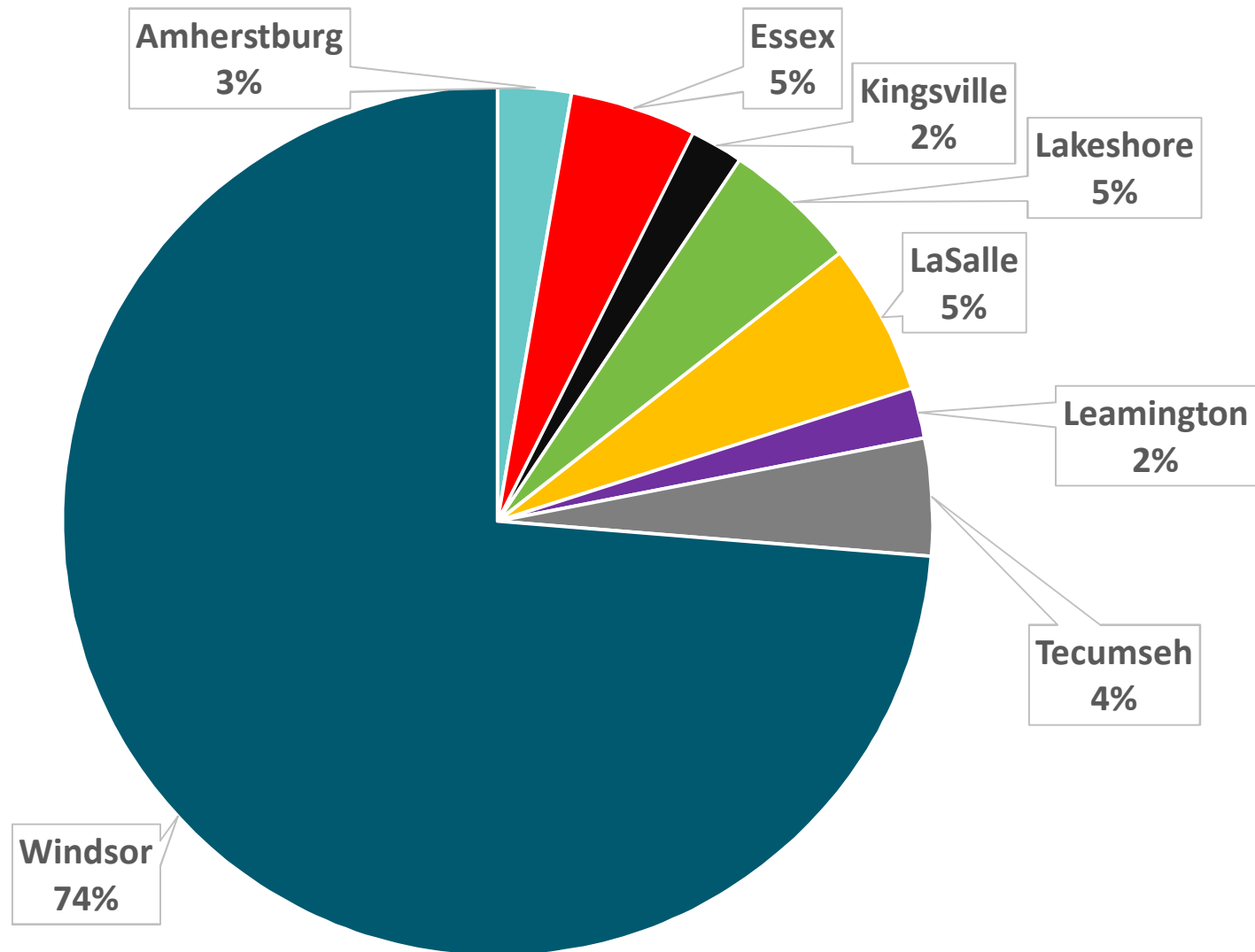
Cumulative Regional & Provincial Rates



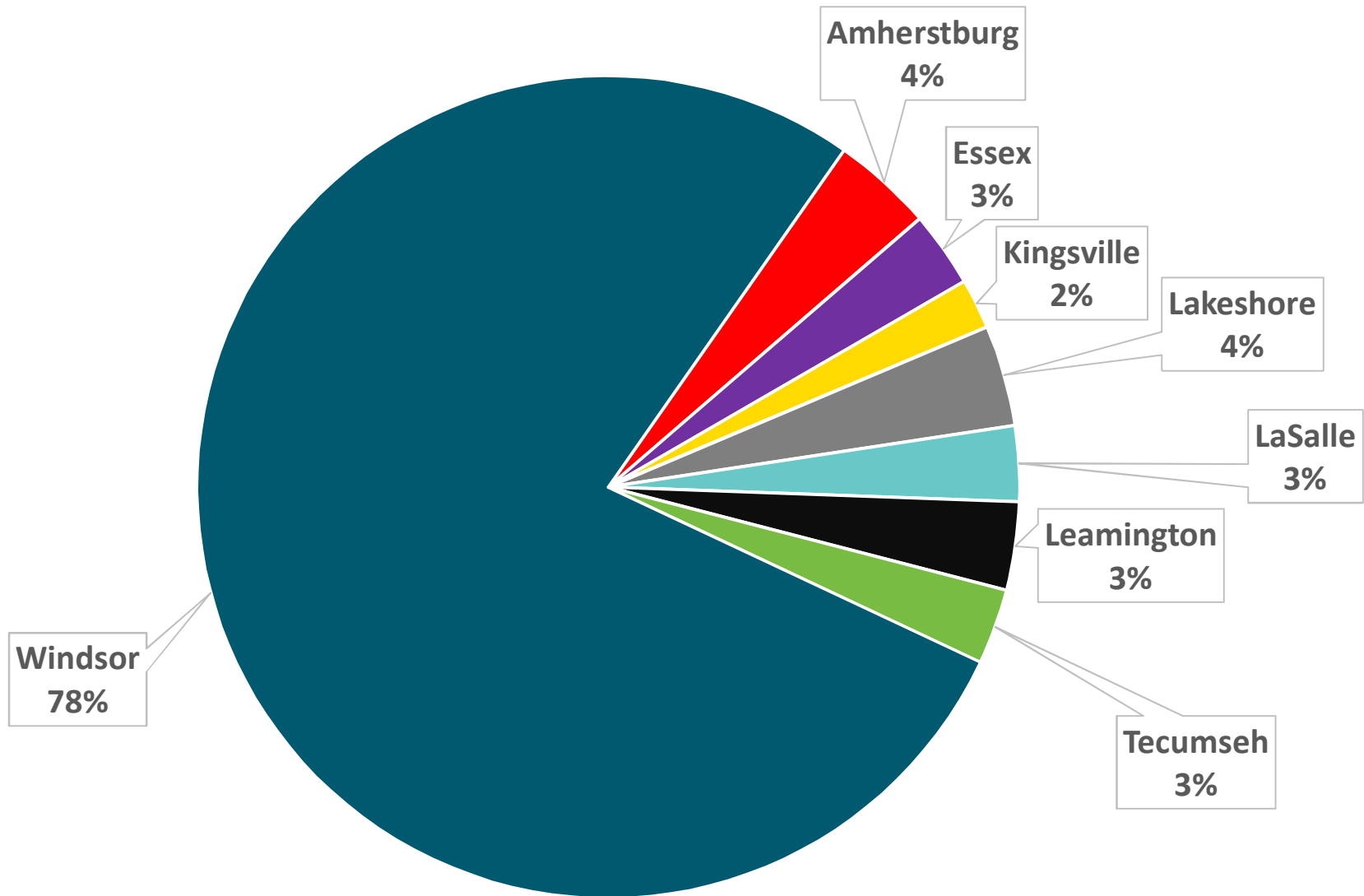
Rate per 100,000 by Municipality (May to Present)



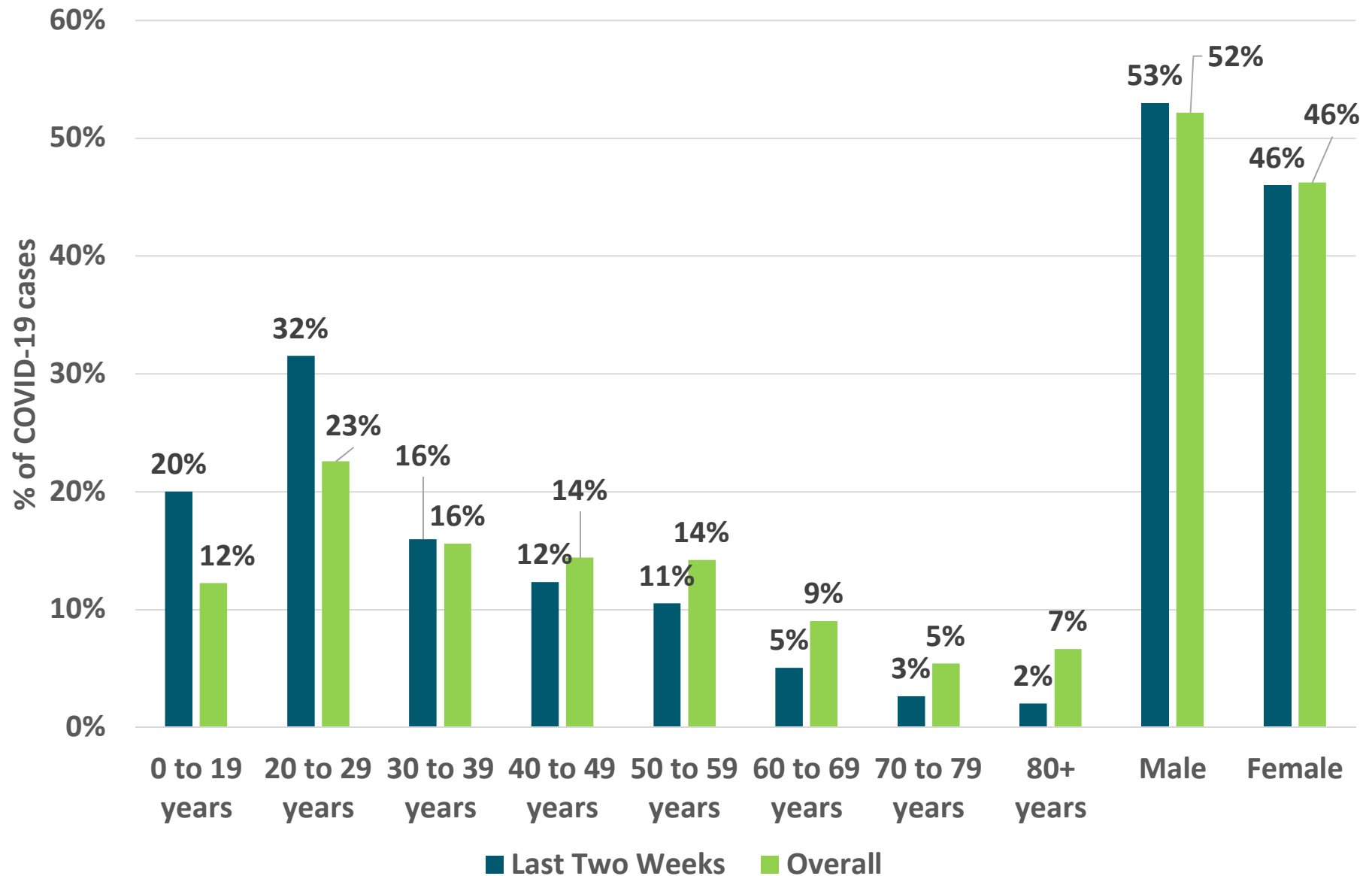
Distribution of COVID-19 Cases by Municipality in last 30 days (April 27 to May 26)



Distribution of COVID-19 Cases by Municipality in last 7 days (May 20 to May 26)

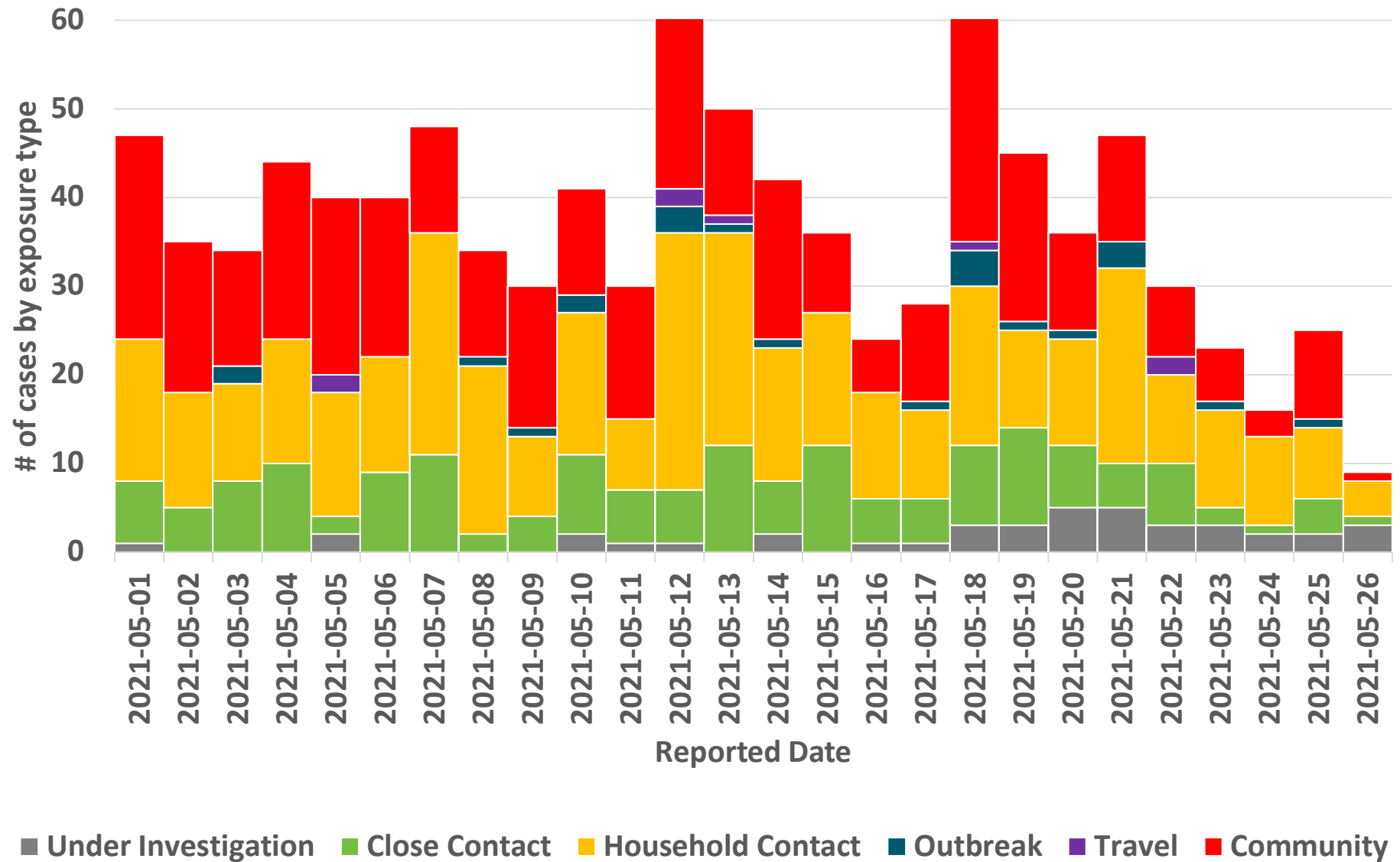


Age & Sex Distribution



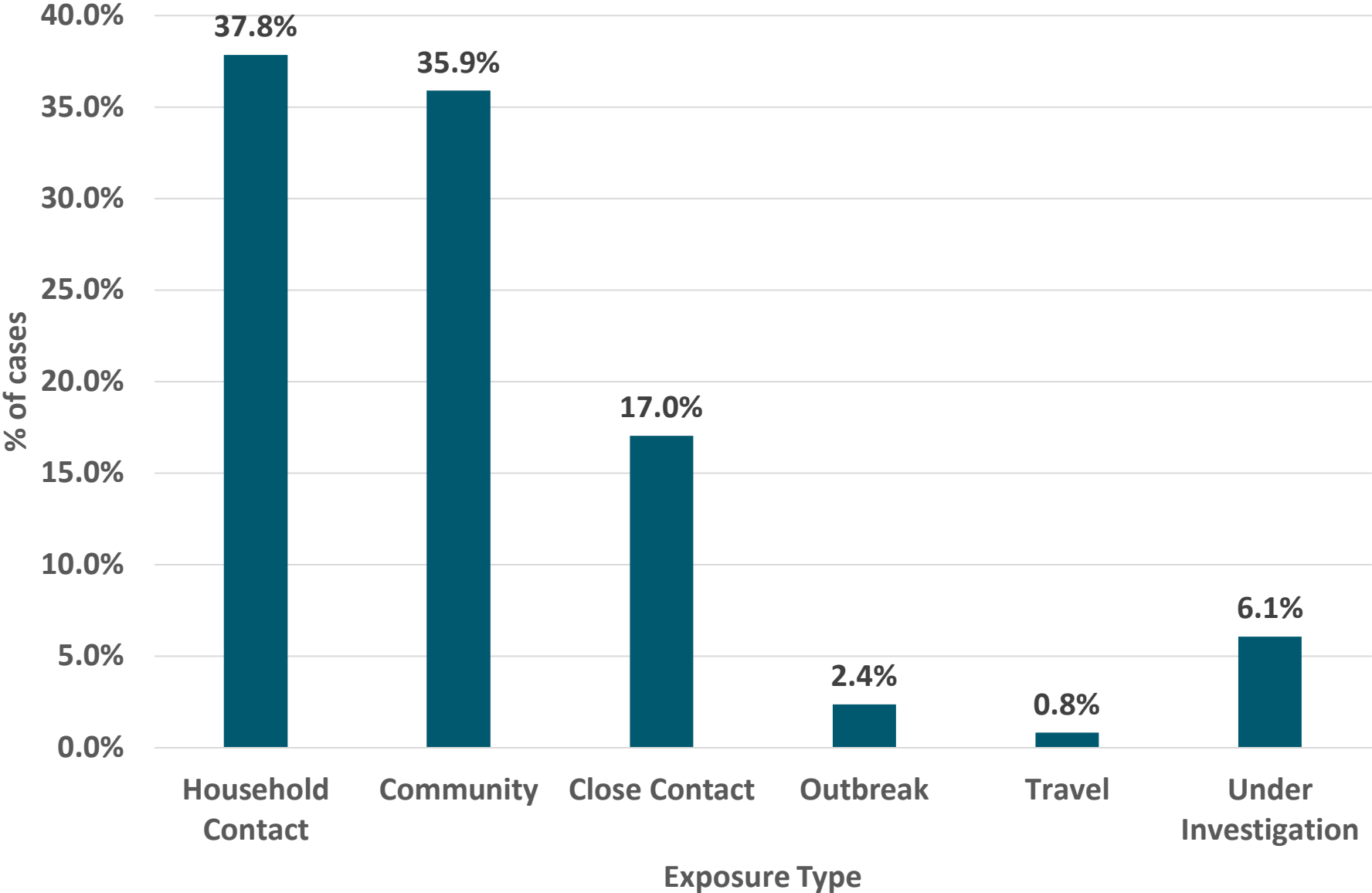
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Exposure History by Reported Date (May to Present)

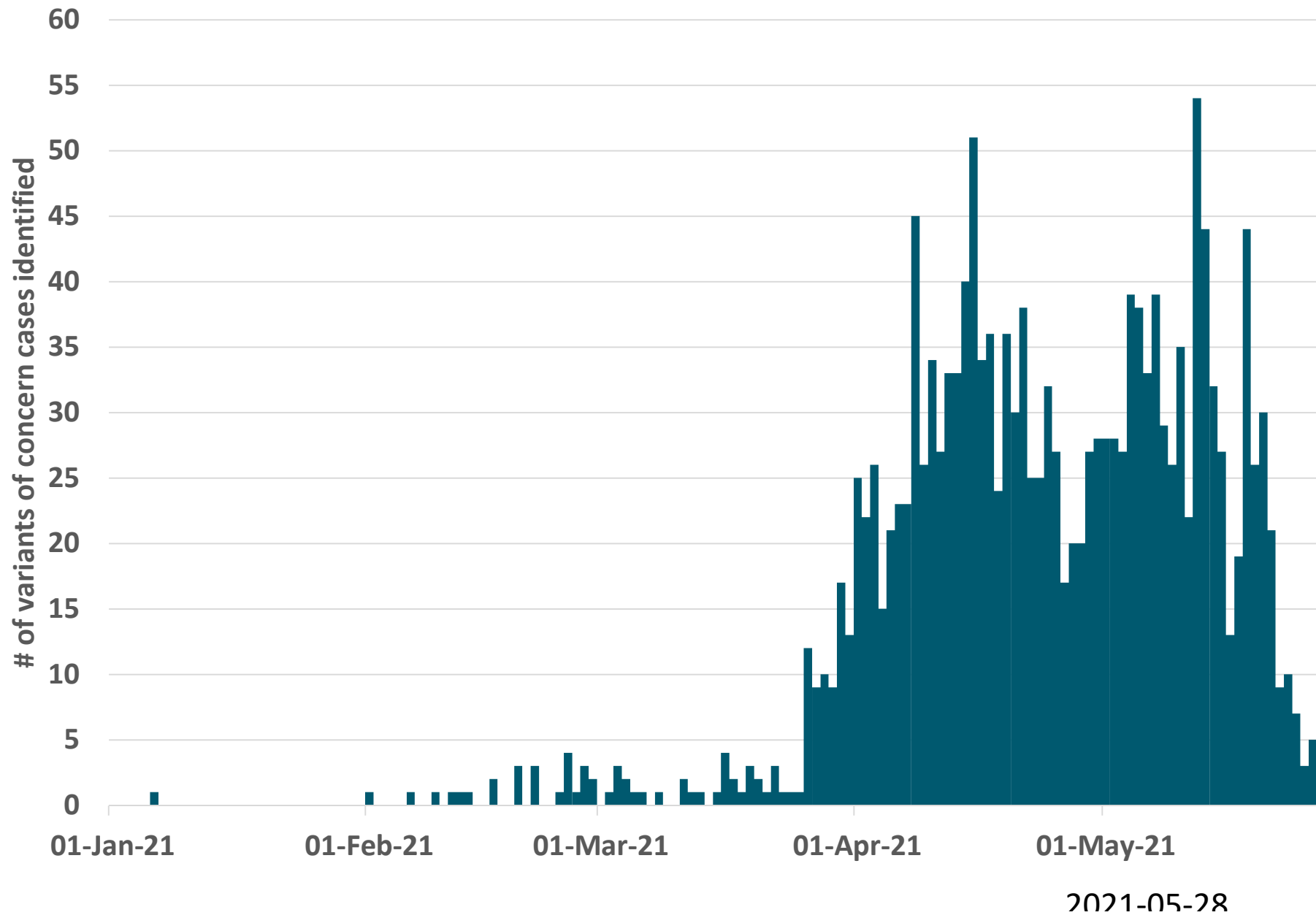


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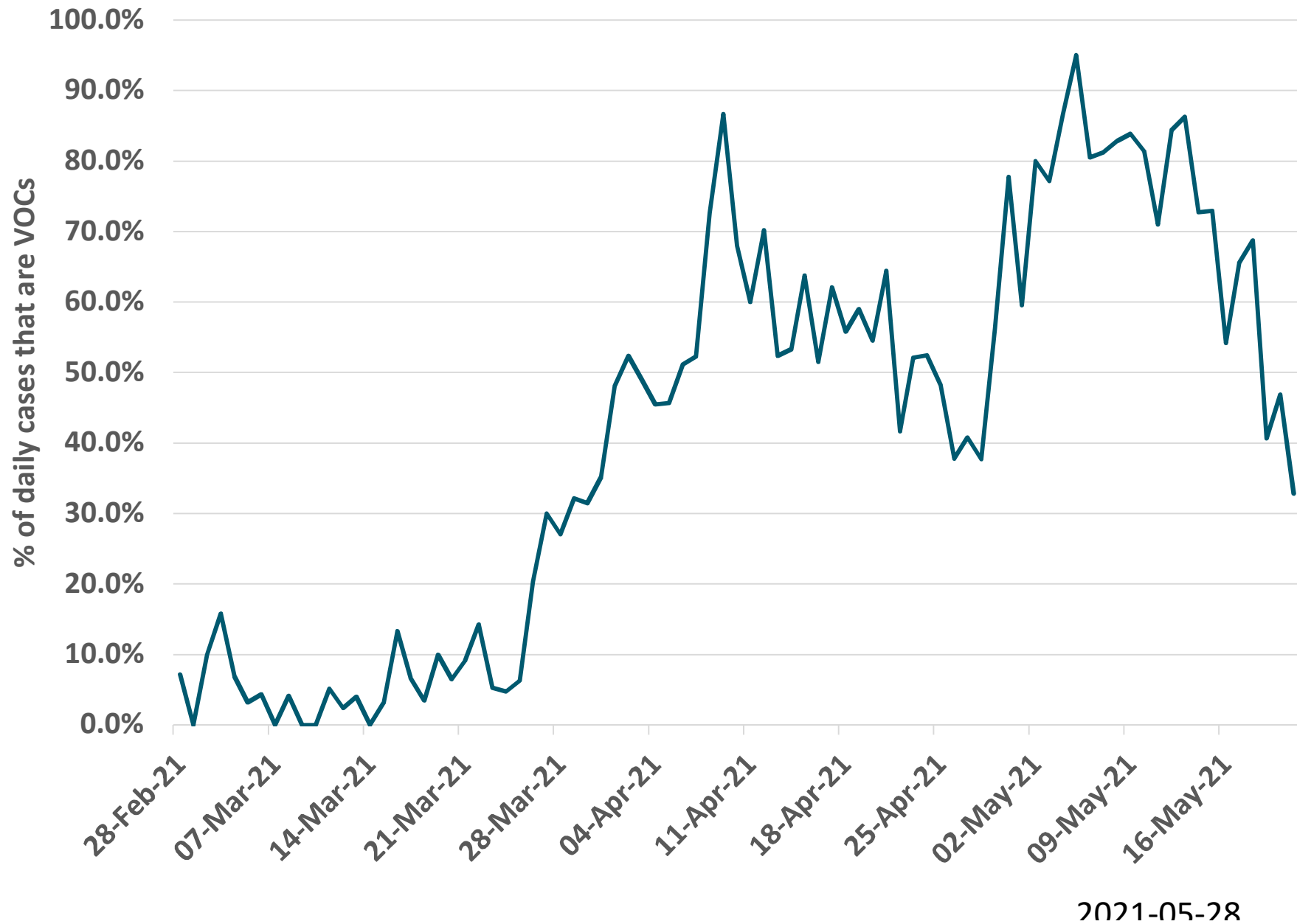
Source of Acquisition (May to Present)



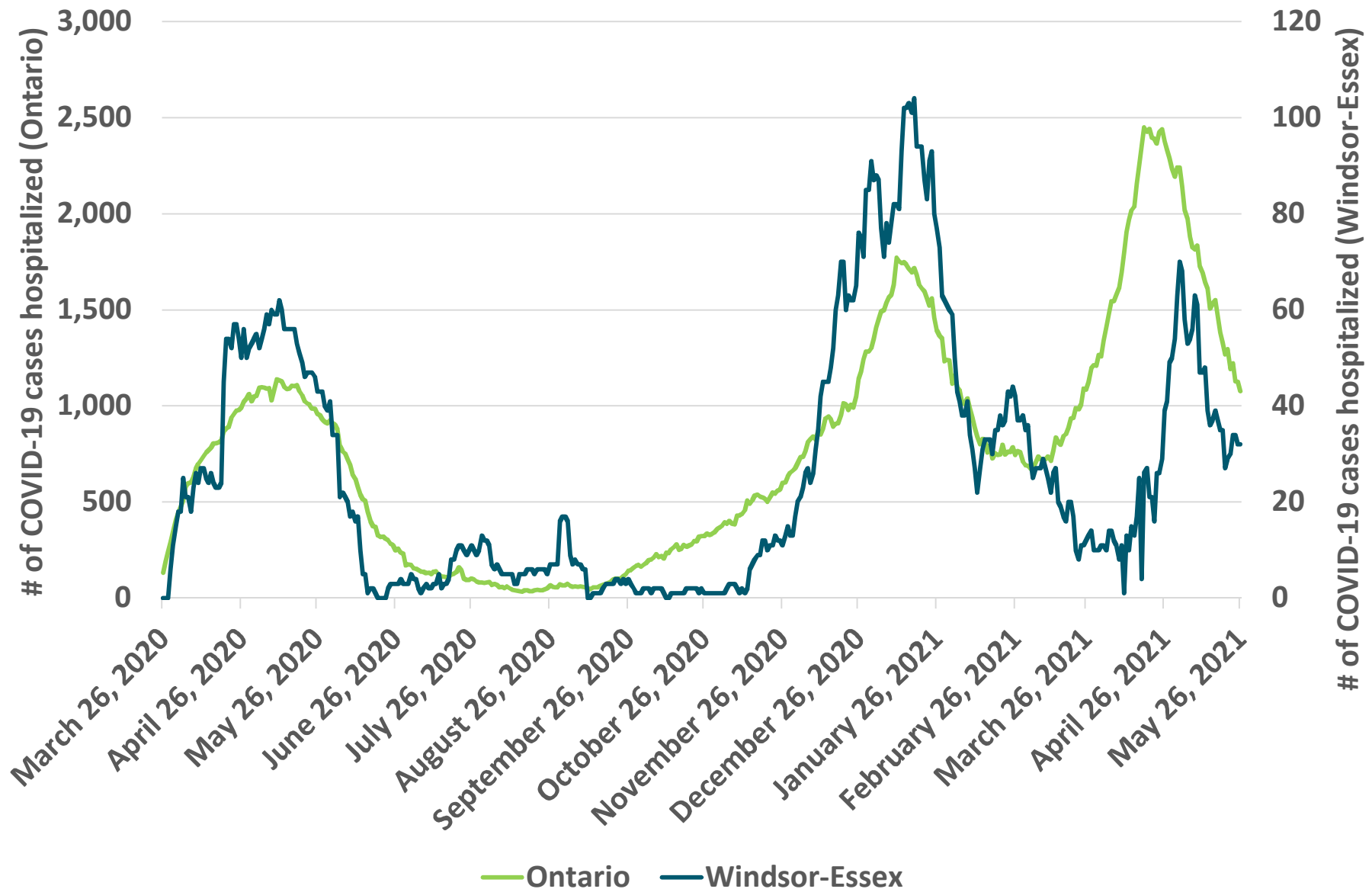
Variants of Concern – Epidemic Curve



Percentage of Daily VOC Cases (March-Present)

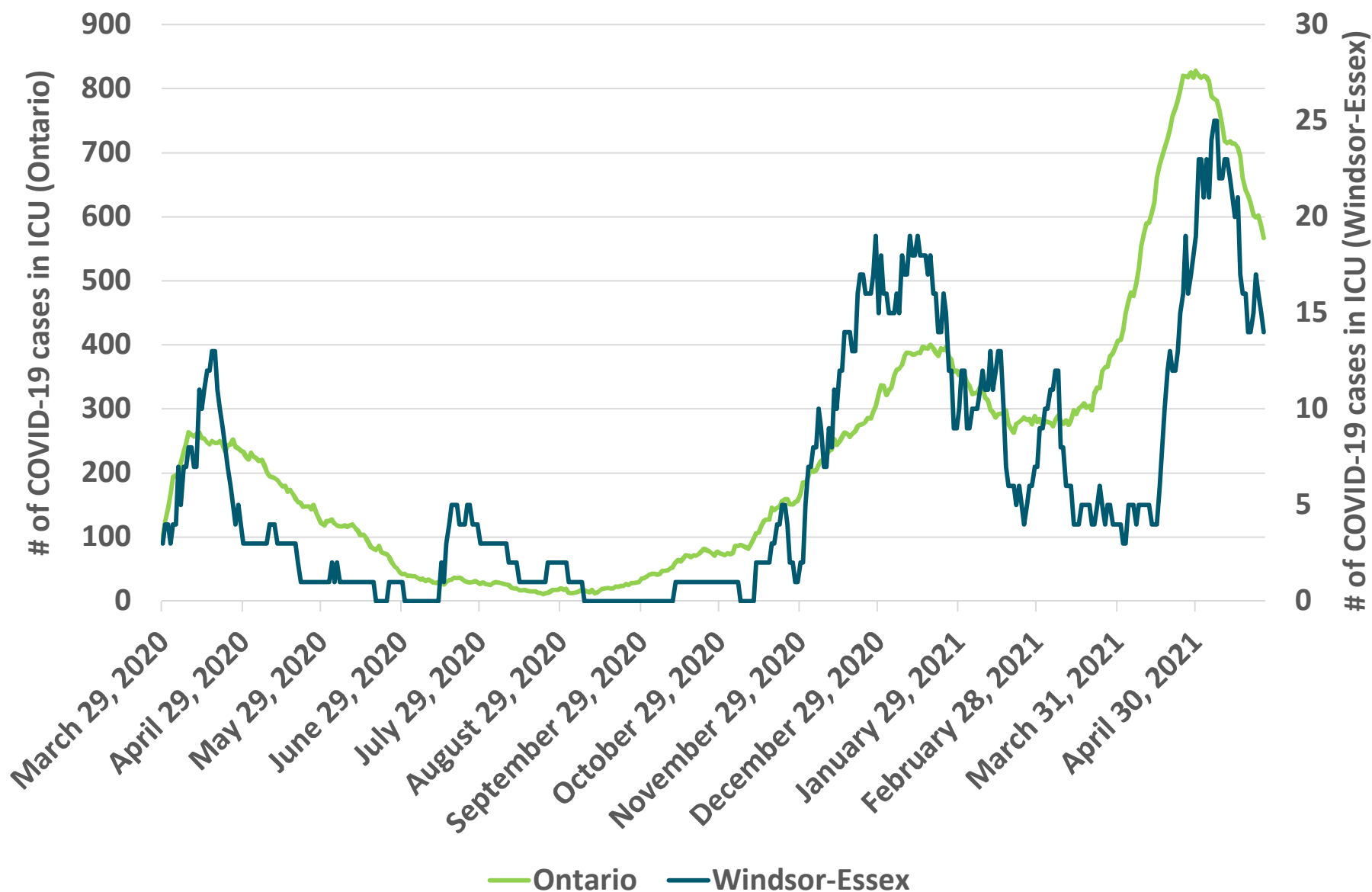


COVID-19 Hospitalizations

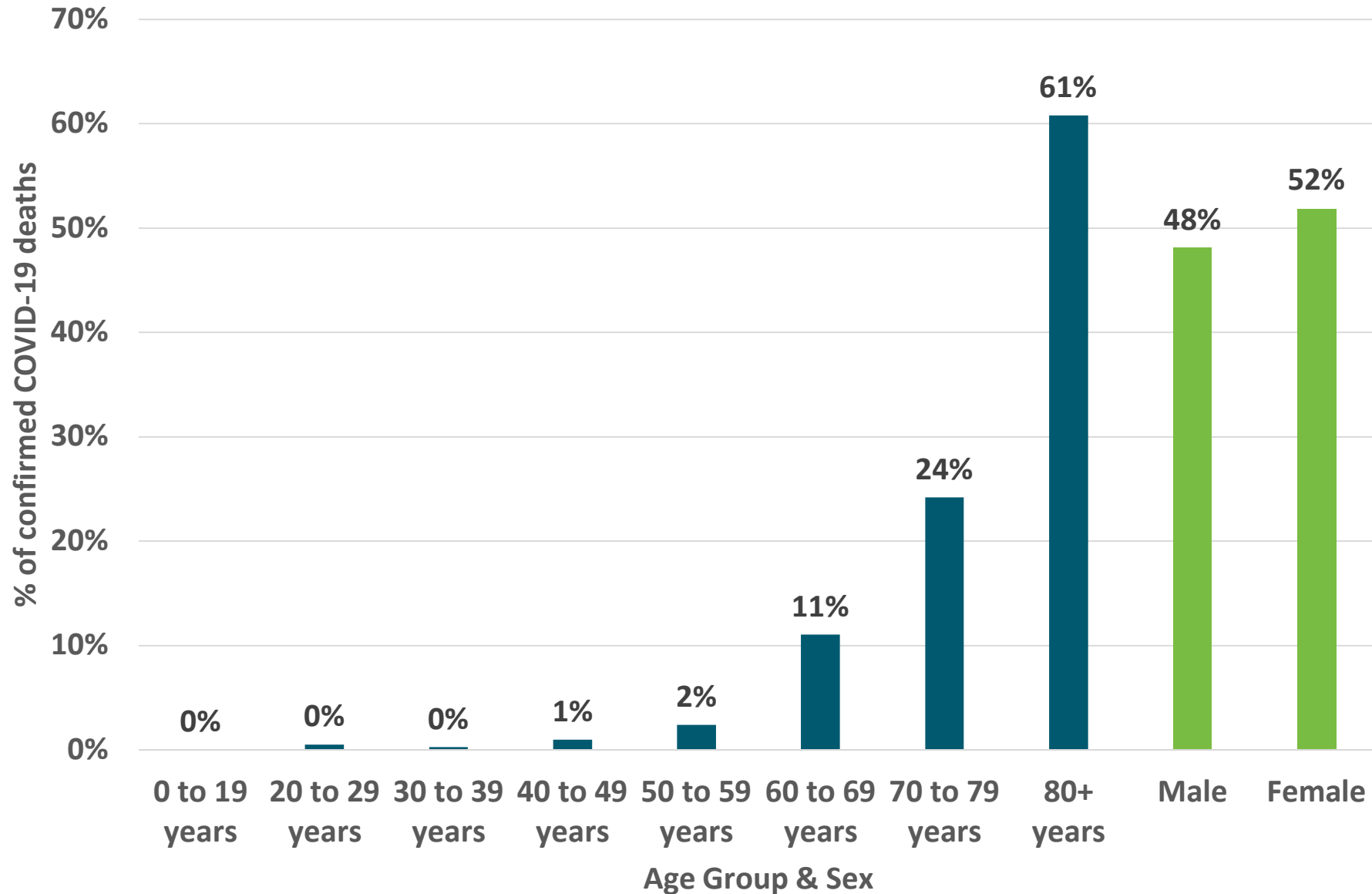


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COVID-19 Cases in the ICU

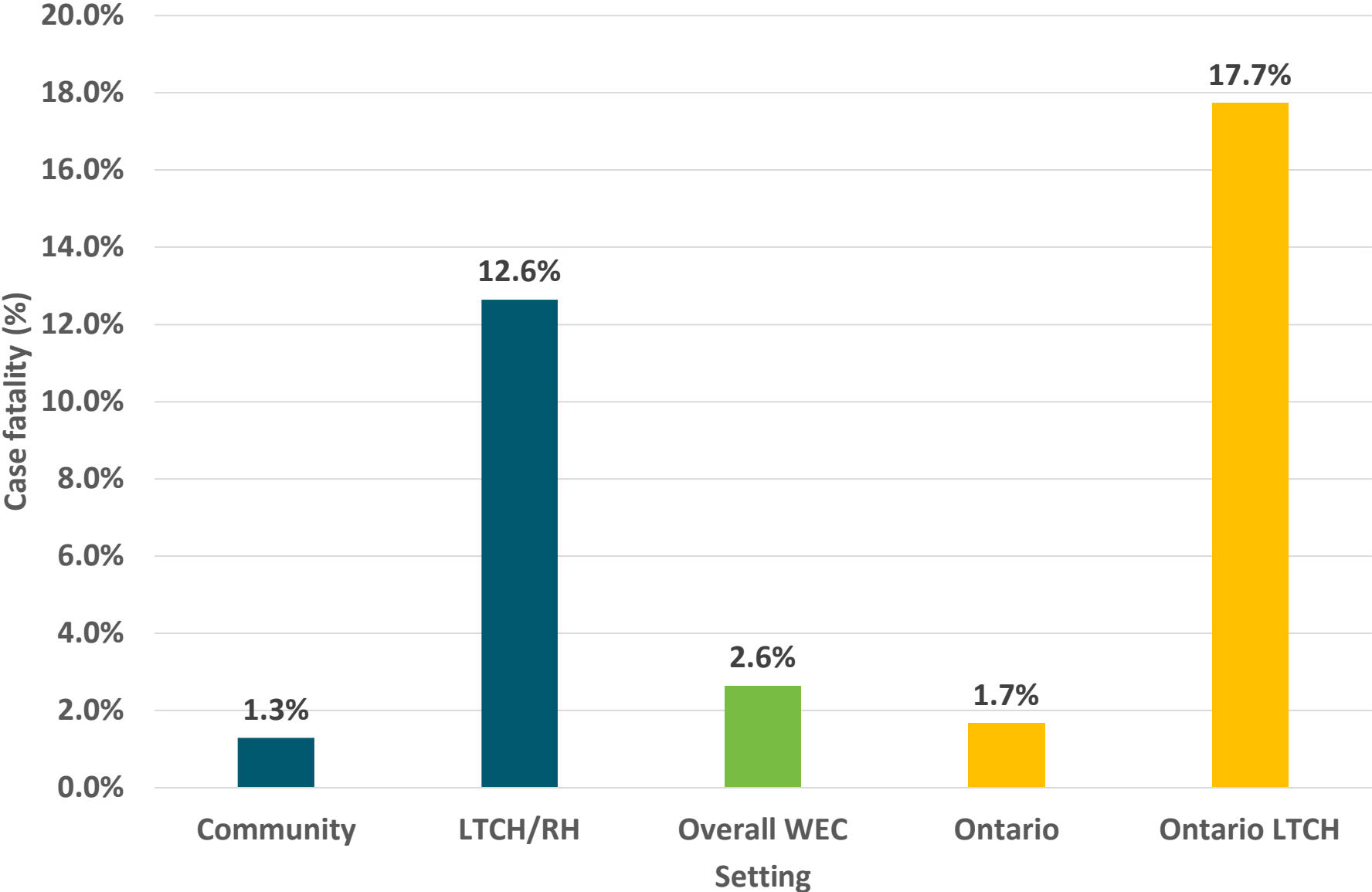


Age & Sex Breakdown of COVID-19 Deaths

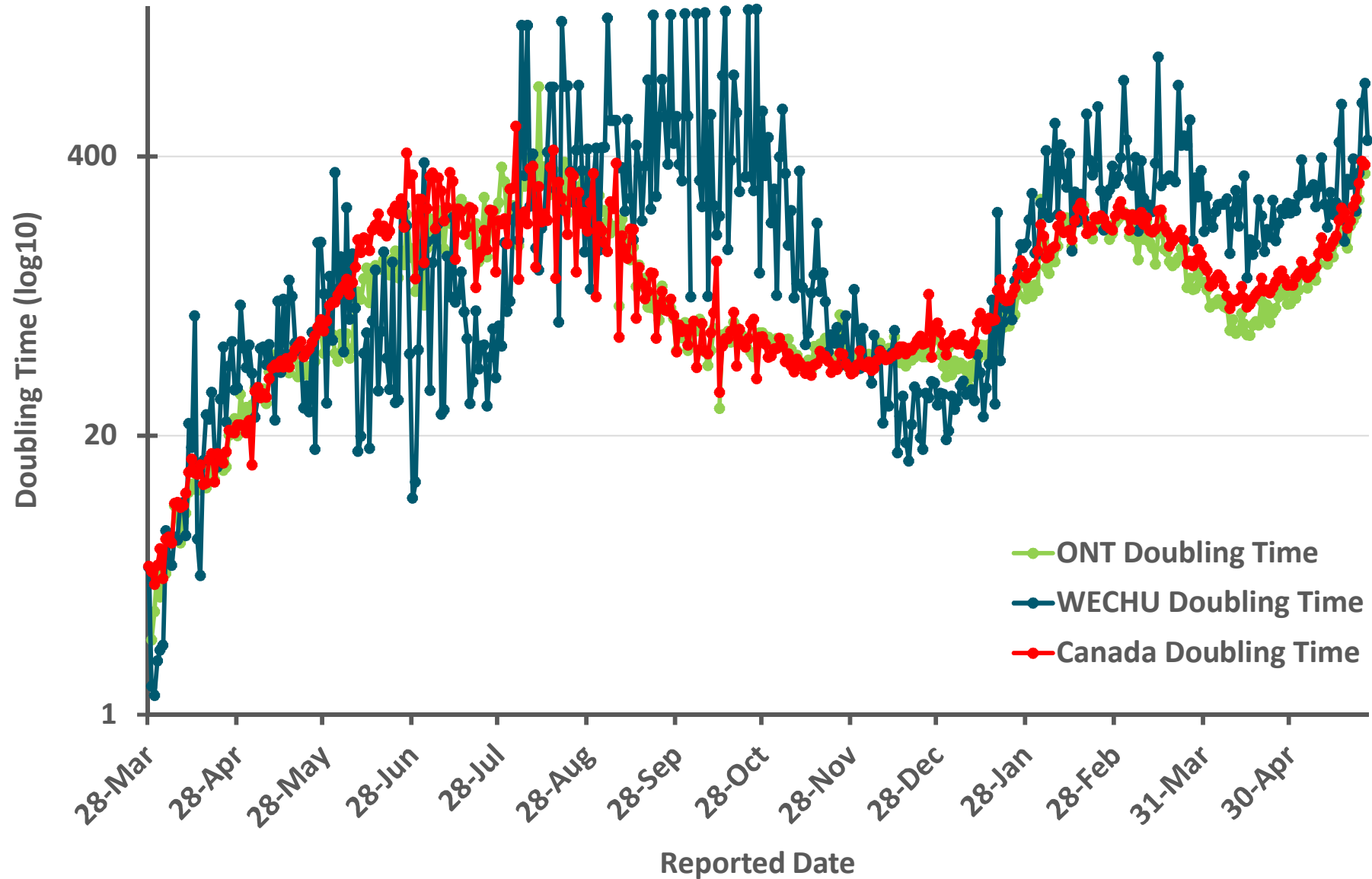


2021-05-28

Case Fatality Rate

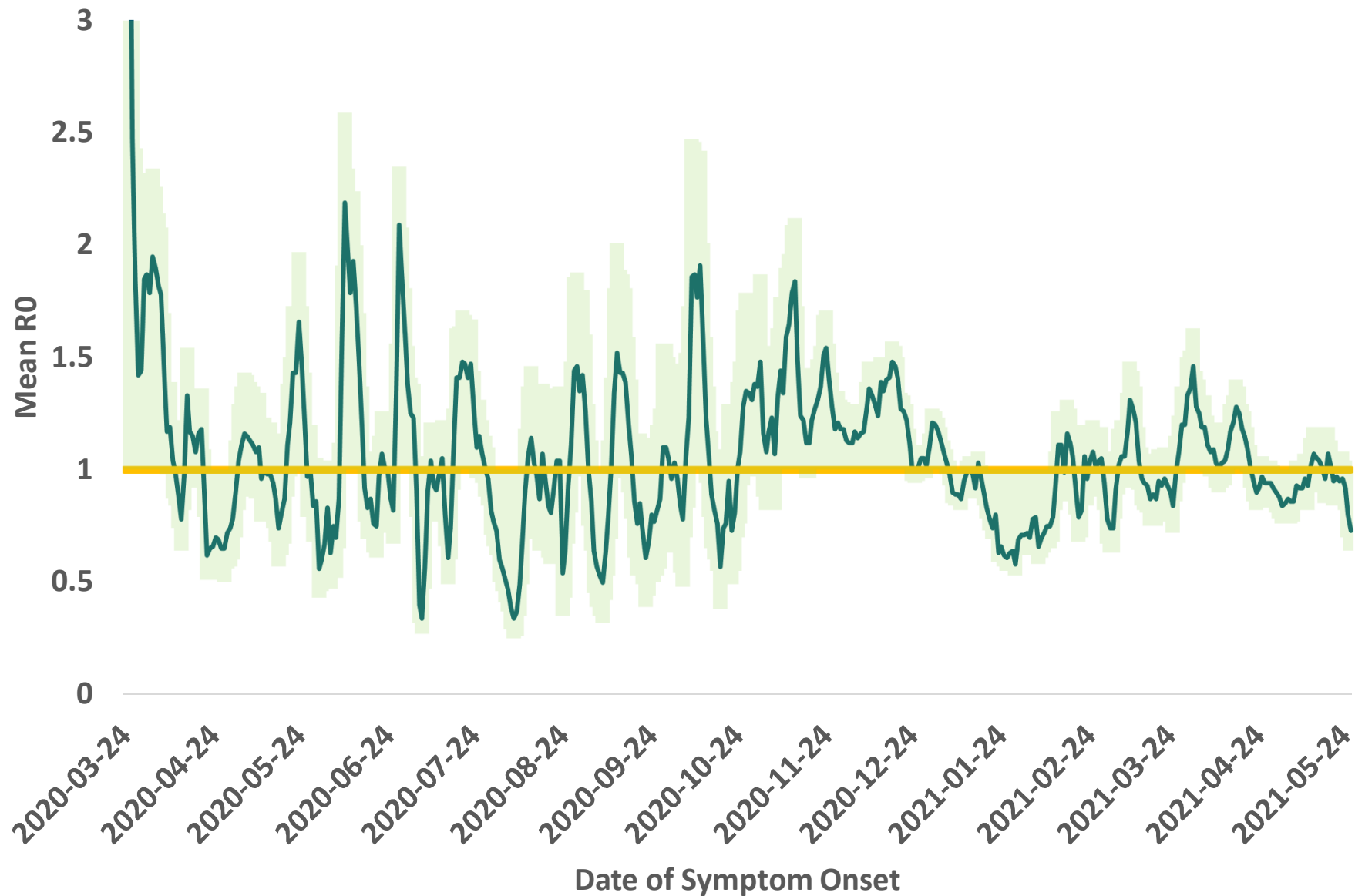


Doubling Time (Day over Day Comparison)



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Median R0 (Effective)

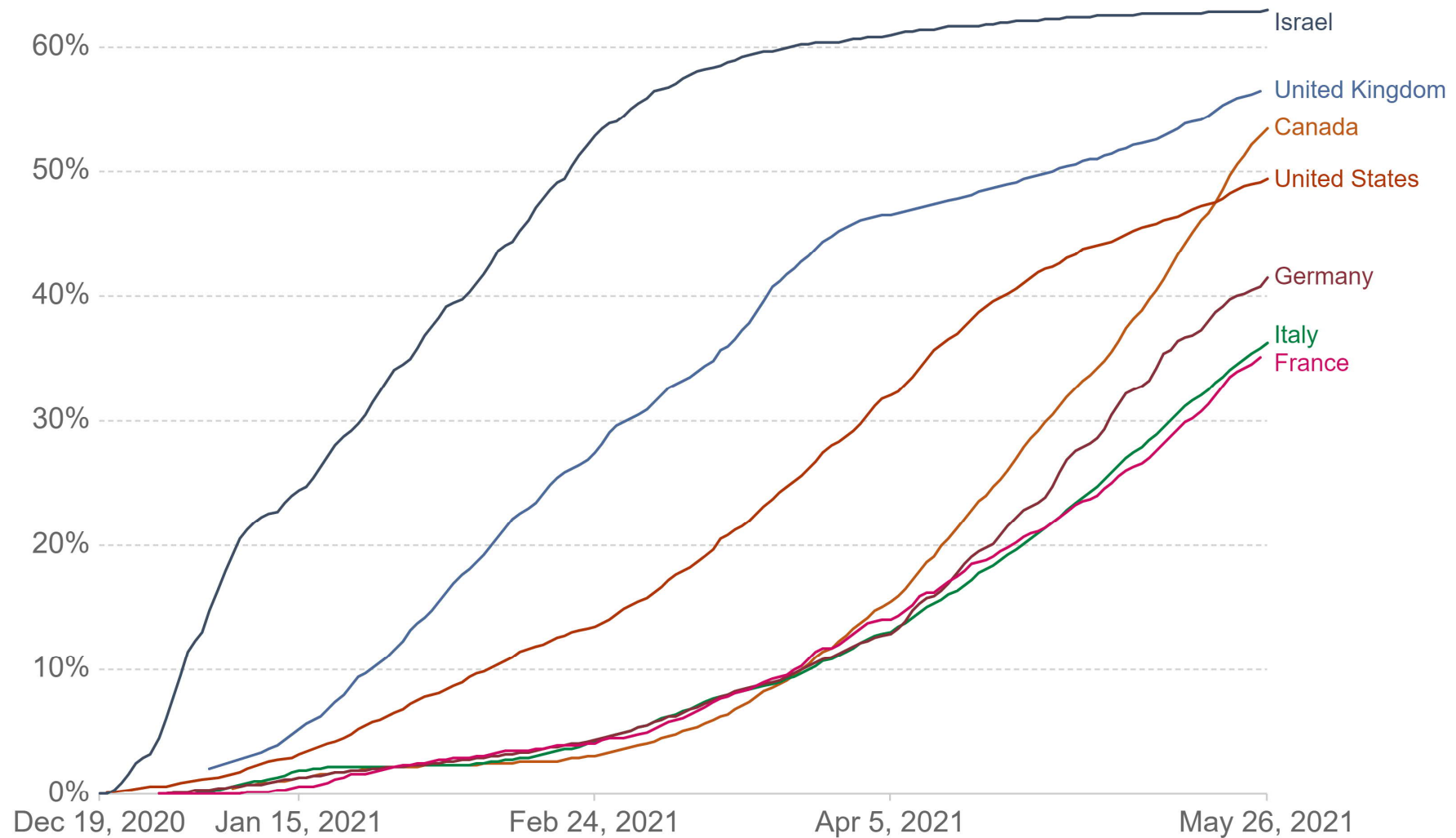


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COVID-19 Vaccine Status

Share of people who received at least one dose of COVID-19 vaccine

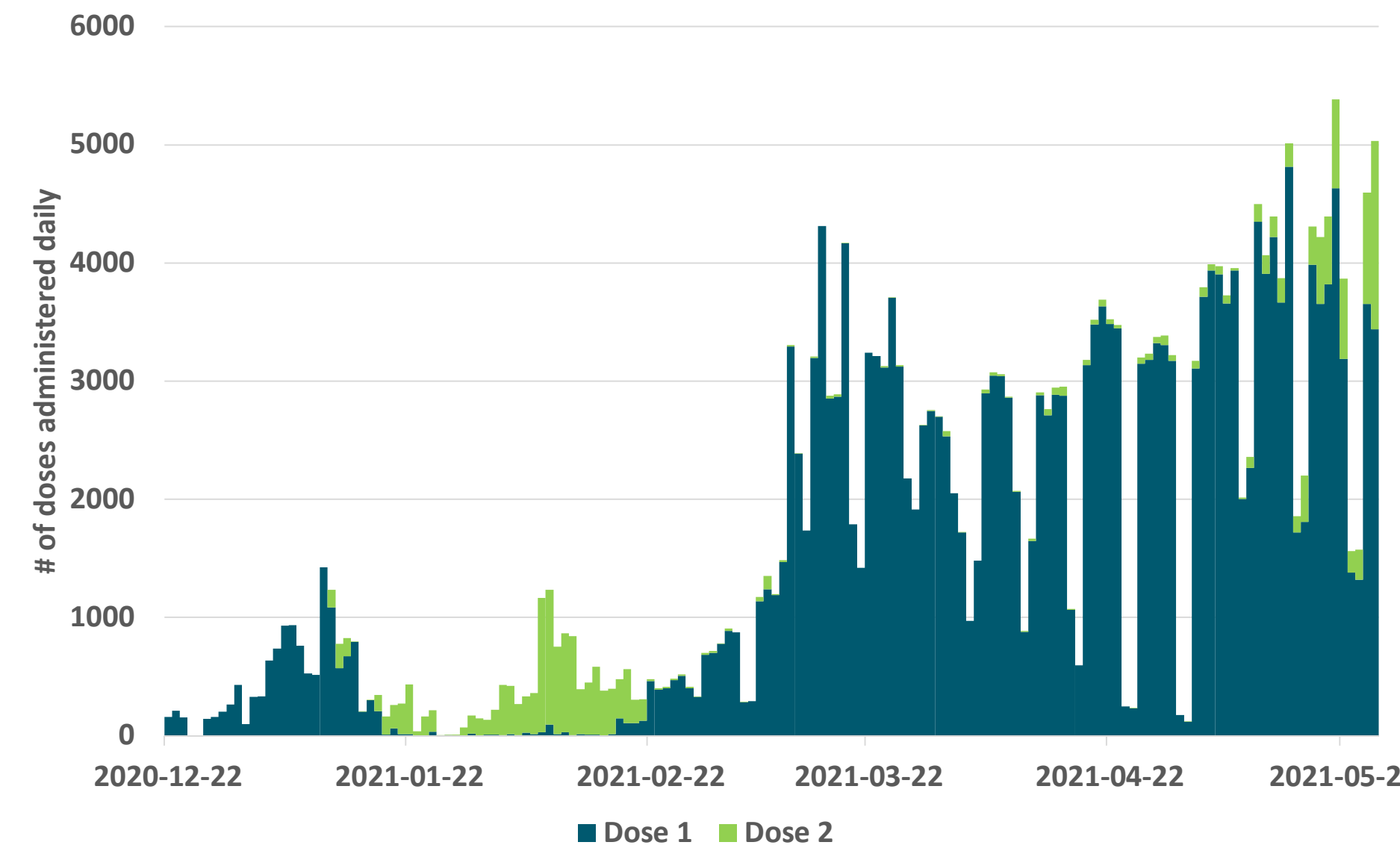
Share of the total population that received at least one vaccine dose. This may not equal the share that are fully vaccinated if the vaccine requires two doses.



Source: Official data collated by Our World in Data

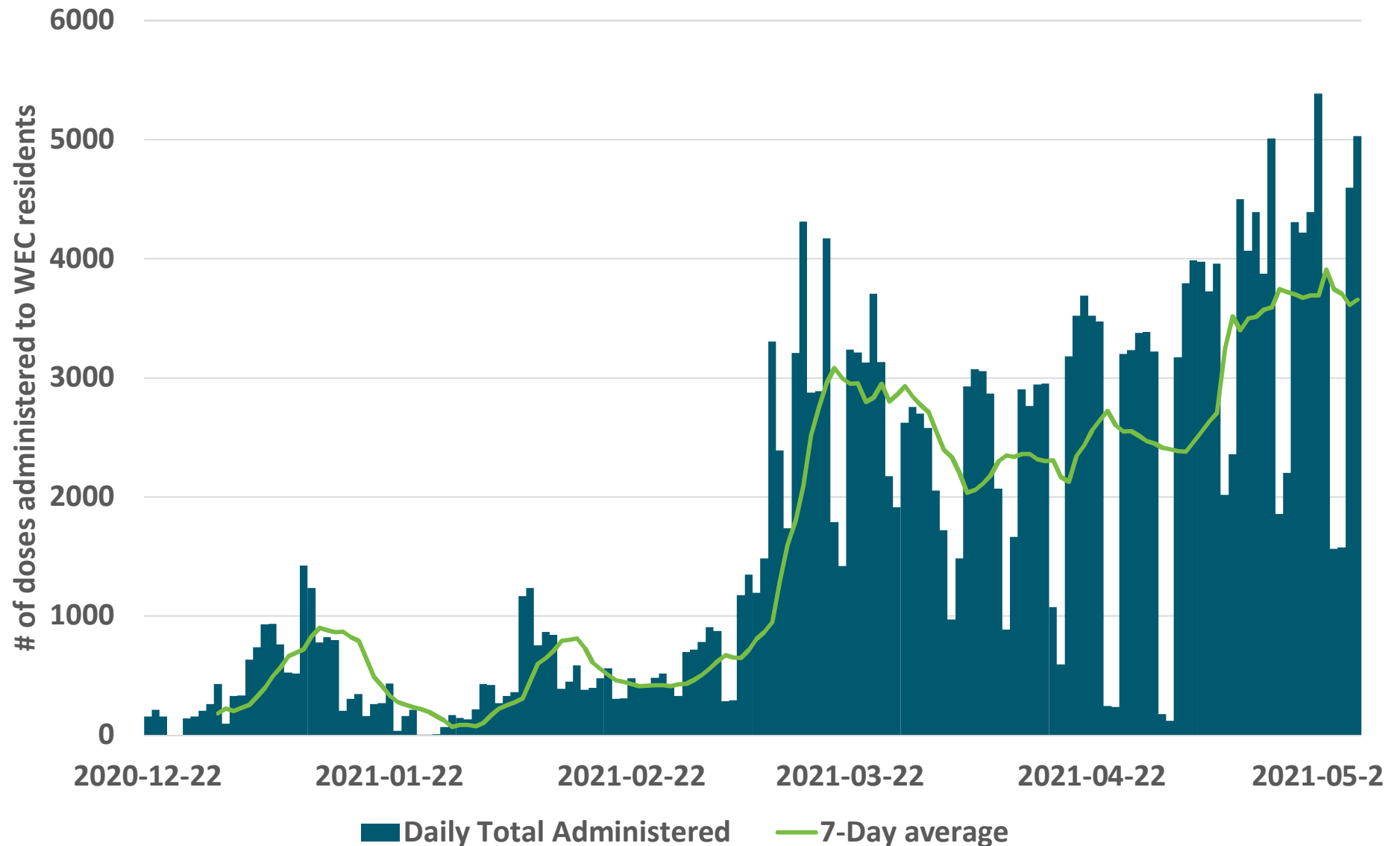
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Number of Vaccine Doses Administered Daily to WEC Residents



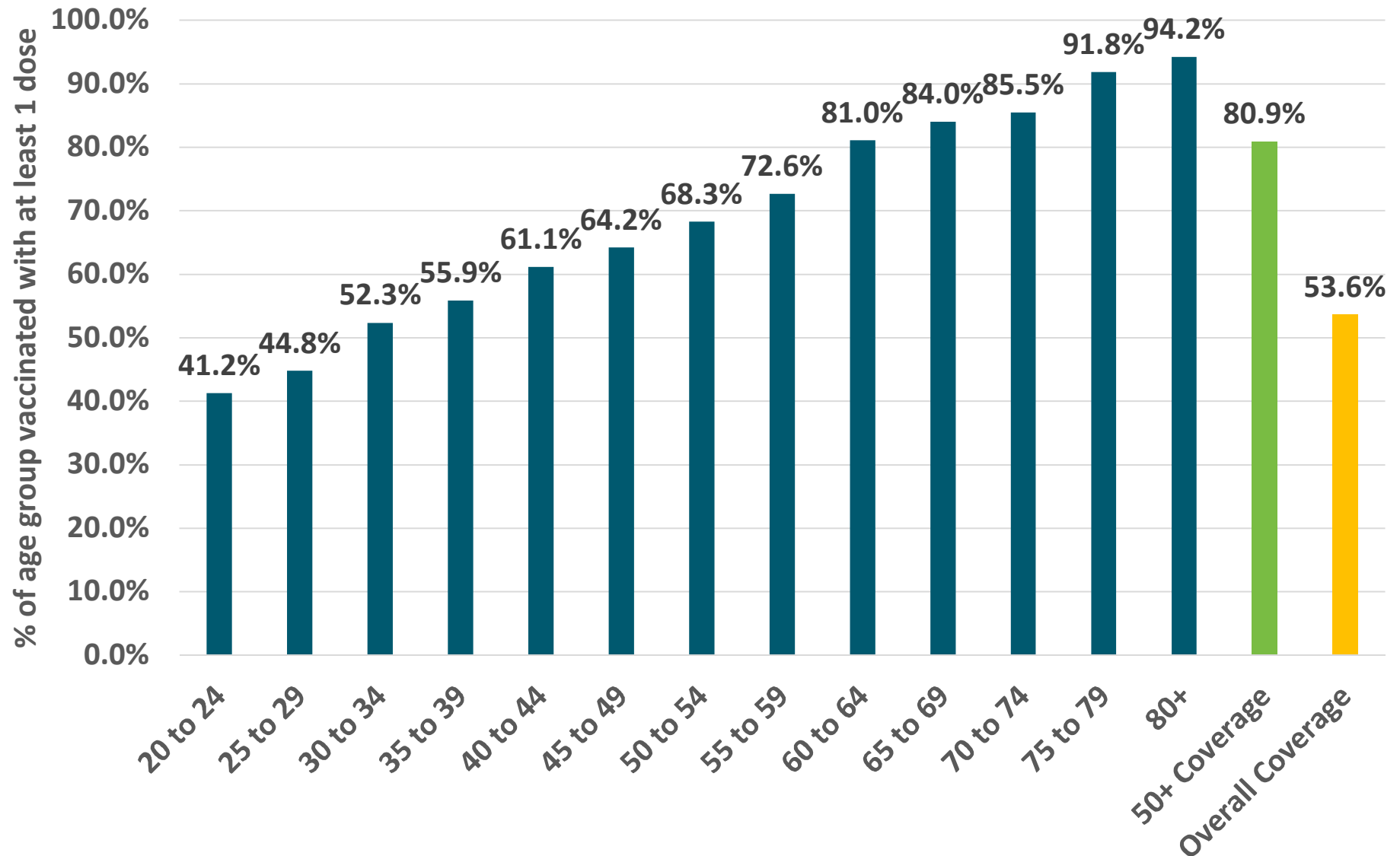
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Daily Doses Administered to Windsor-Essex Residents



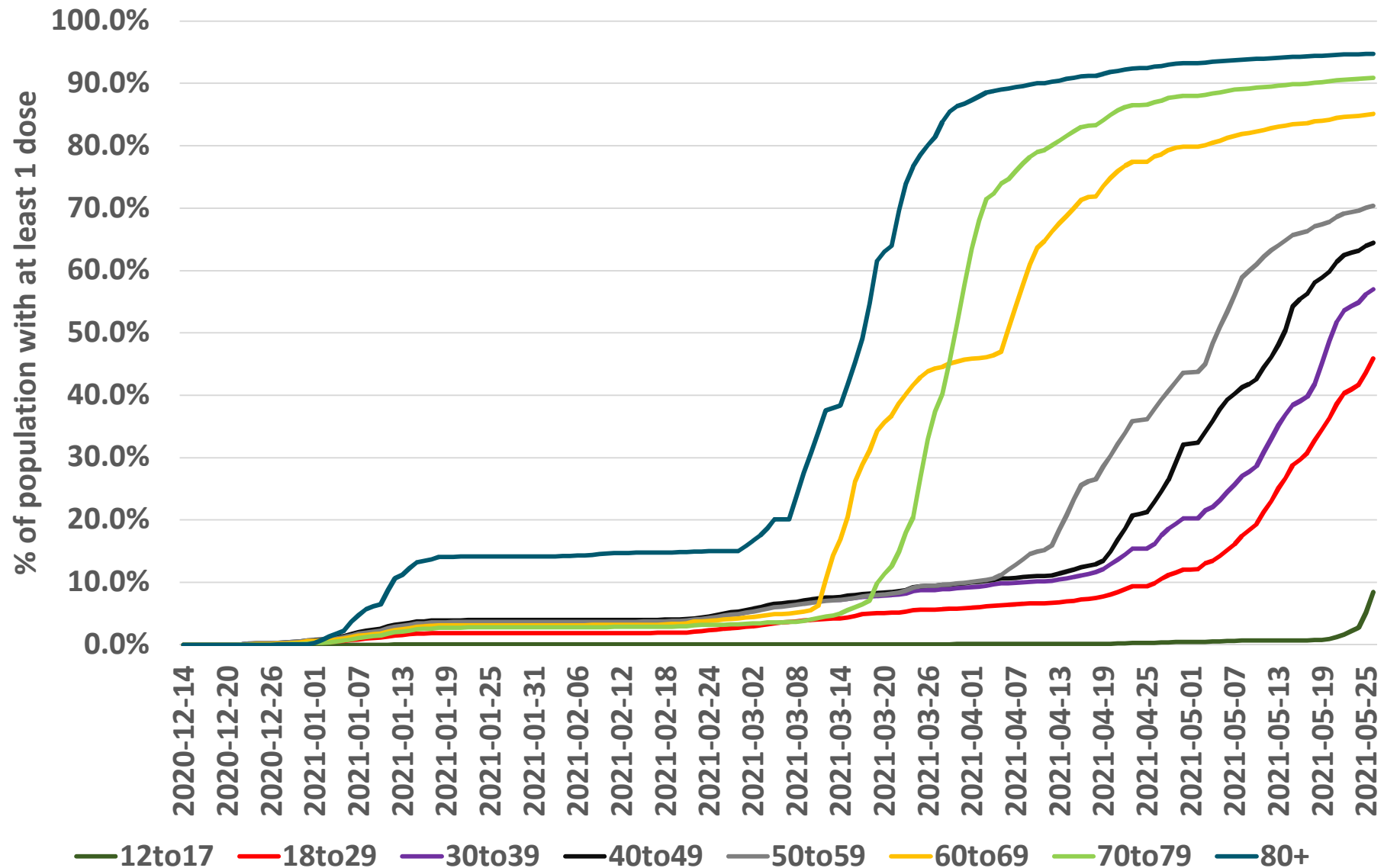
2021-05-28

WEC Residents Vaccinated With At Least One Dose by Age Group



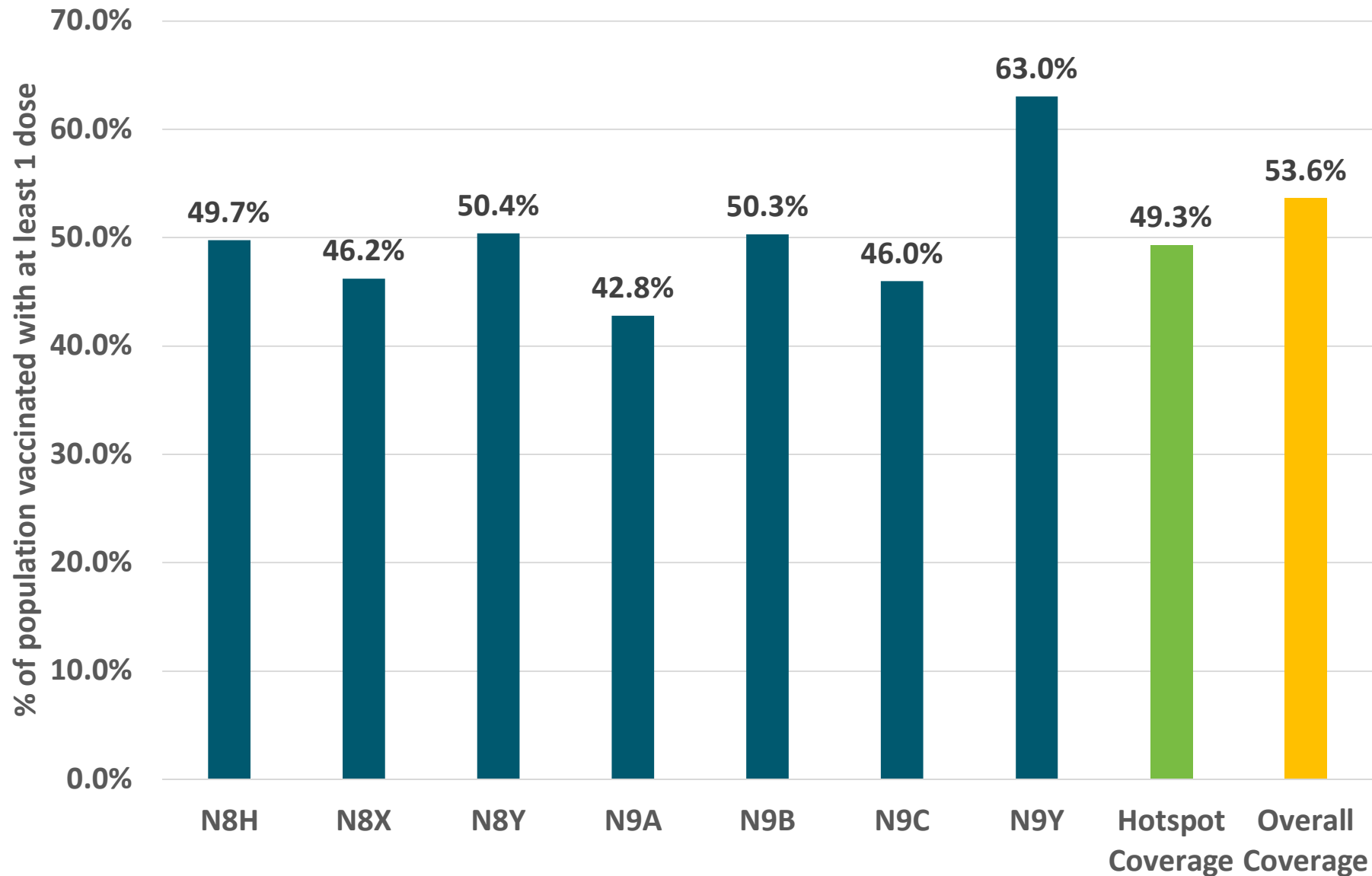
2021-05-28

Percentage of Population With at Least One Dose by Age Group and Week in Windsor-Essex



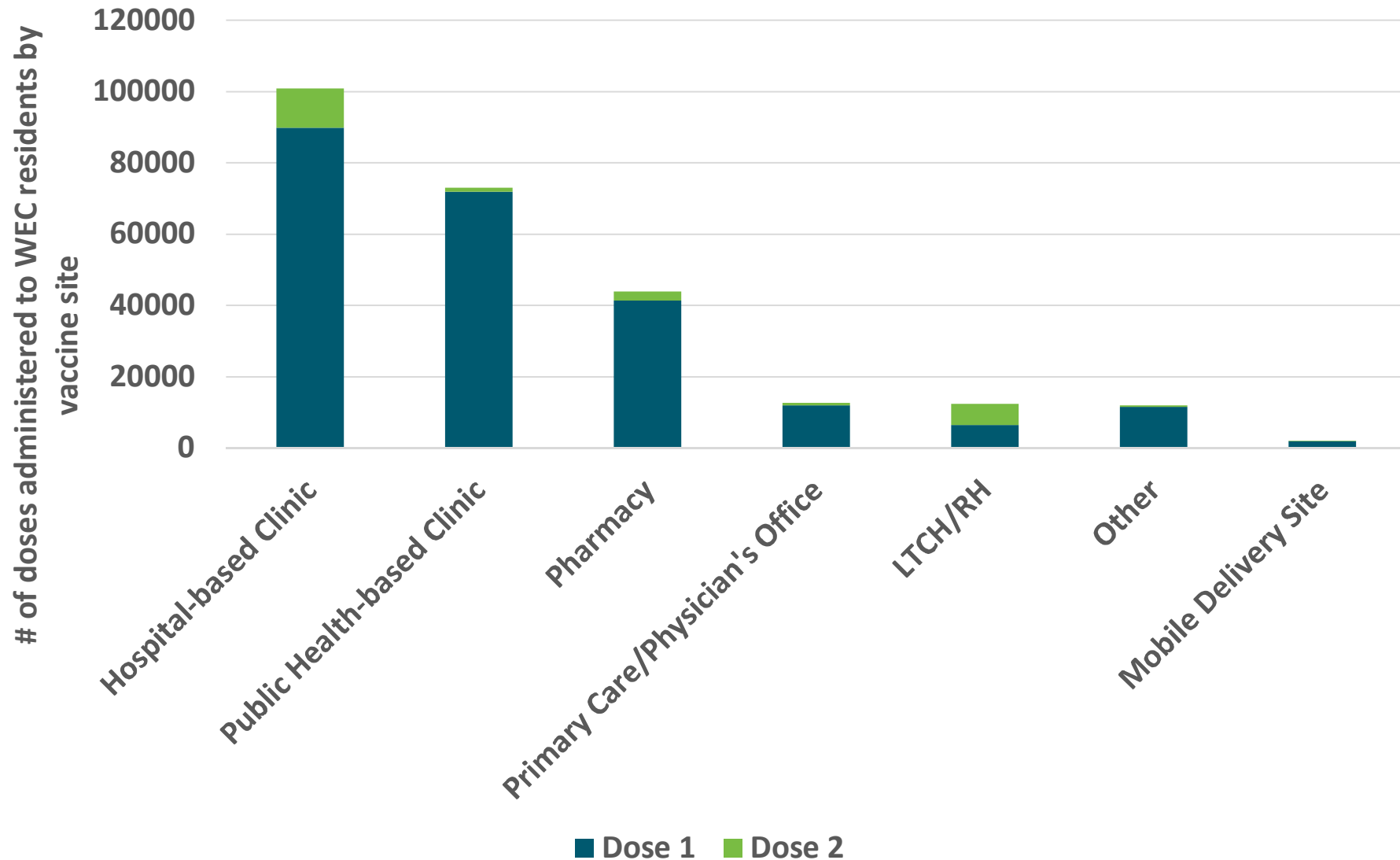
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Coverage in Hotspots within Windsor-Essex County Where at Least One Dose Was Administered

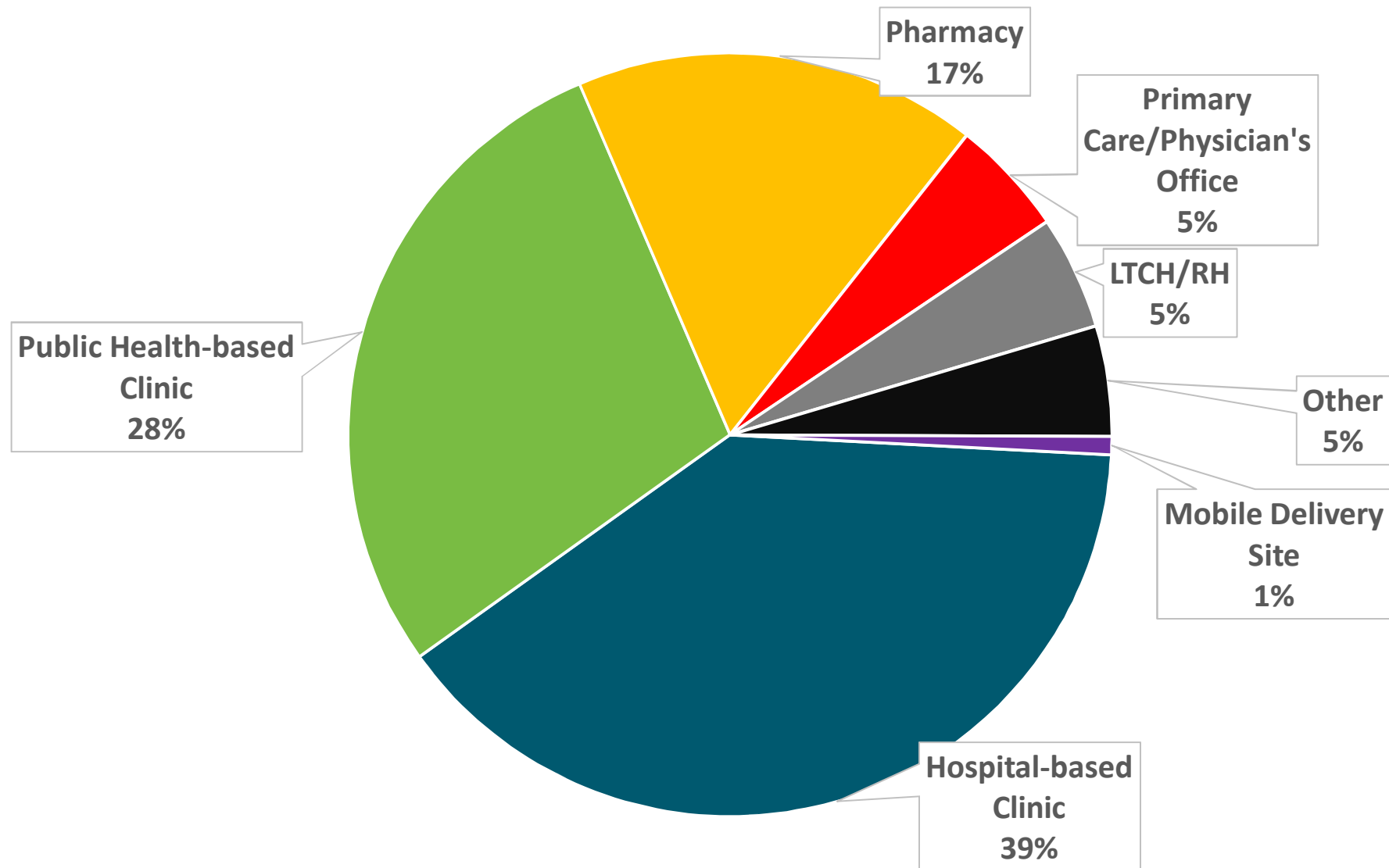


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Location of Doses Administered to Windsor-Essex Residents

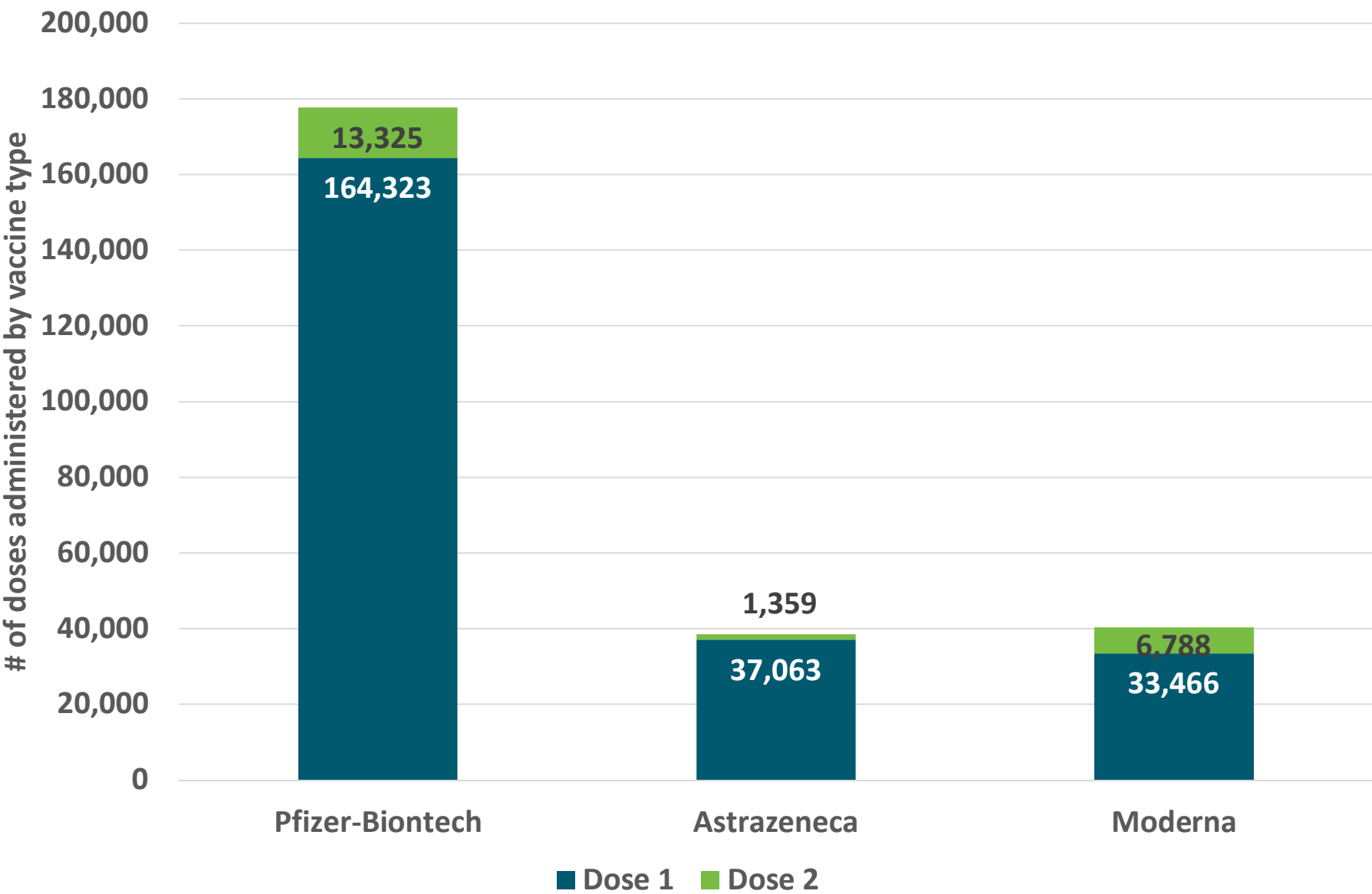


Proportion of Vaccines Administered to Windsor-Essex Residents by Location

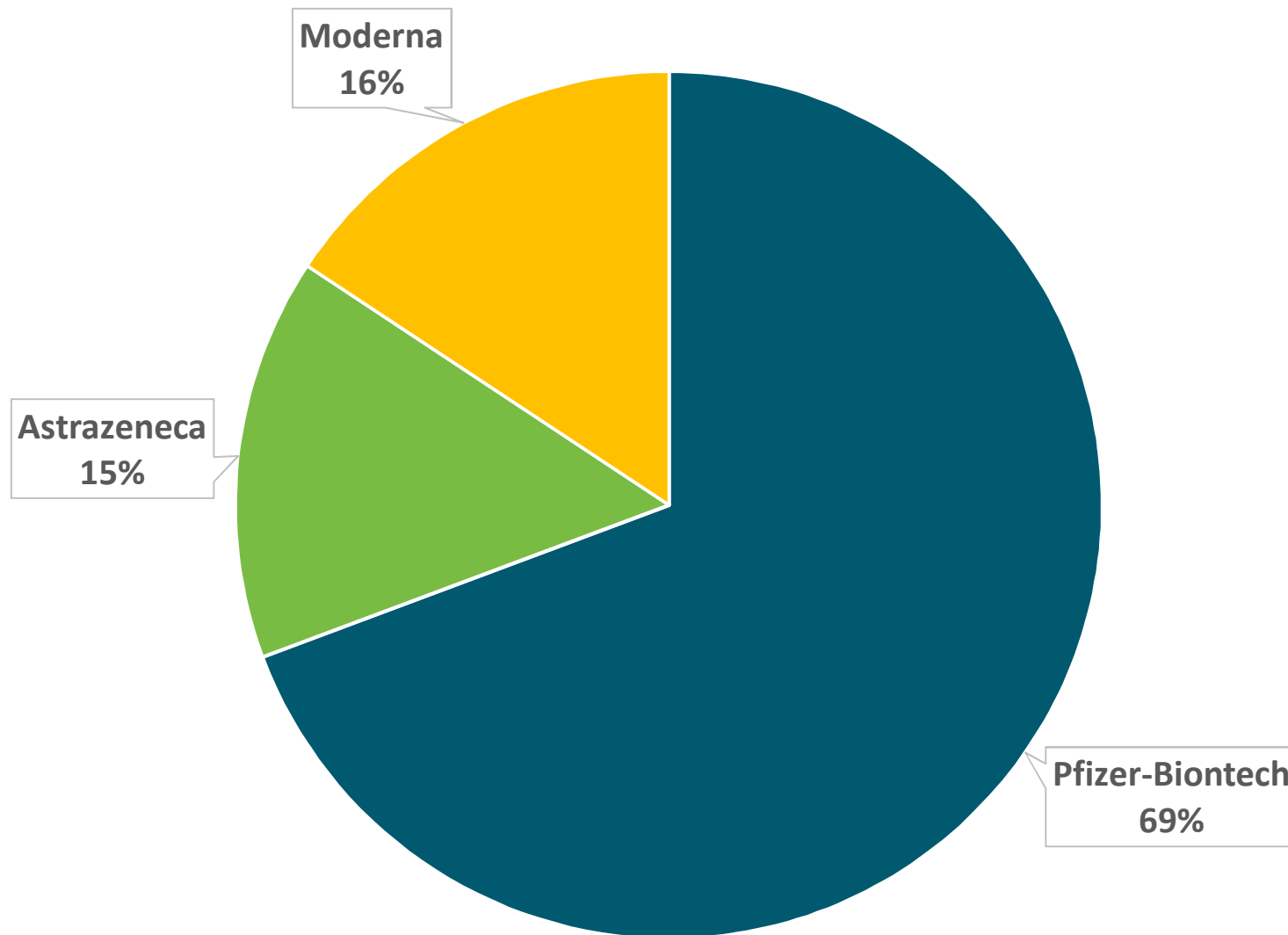


2021-05-28

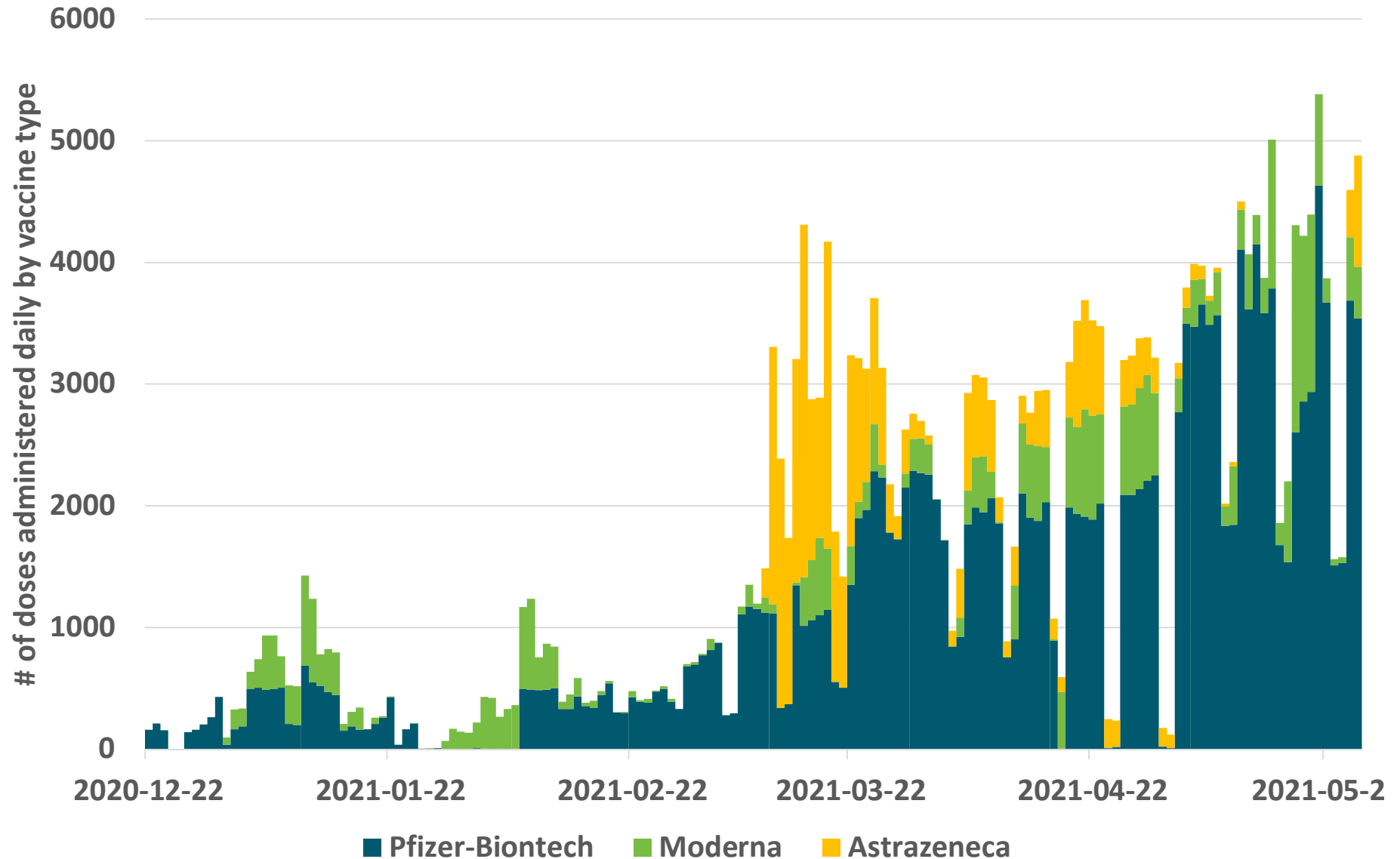
Number of Doses Administered by Vaccine Type to Windsor-Essex Residents



Proportion of Doses Administered by Vaccine Type to Windsor-Essex Residents



Number of Doses Administered Daily by Vaccine Type to Windsor-Essex Residents



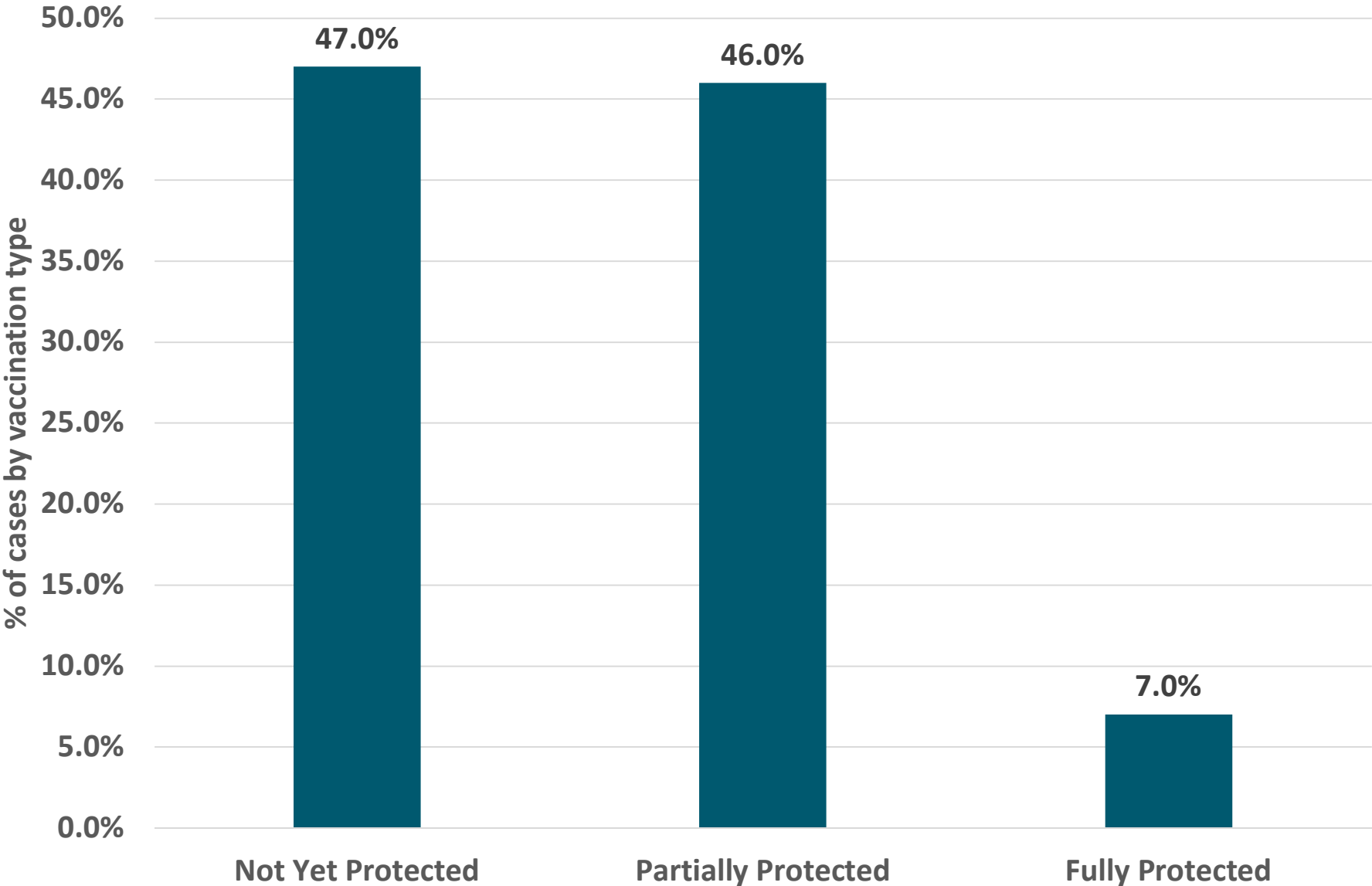
2021-05-28

Confirmed Cases of COVID-19 Following Vaccination in Windsor-Essex

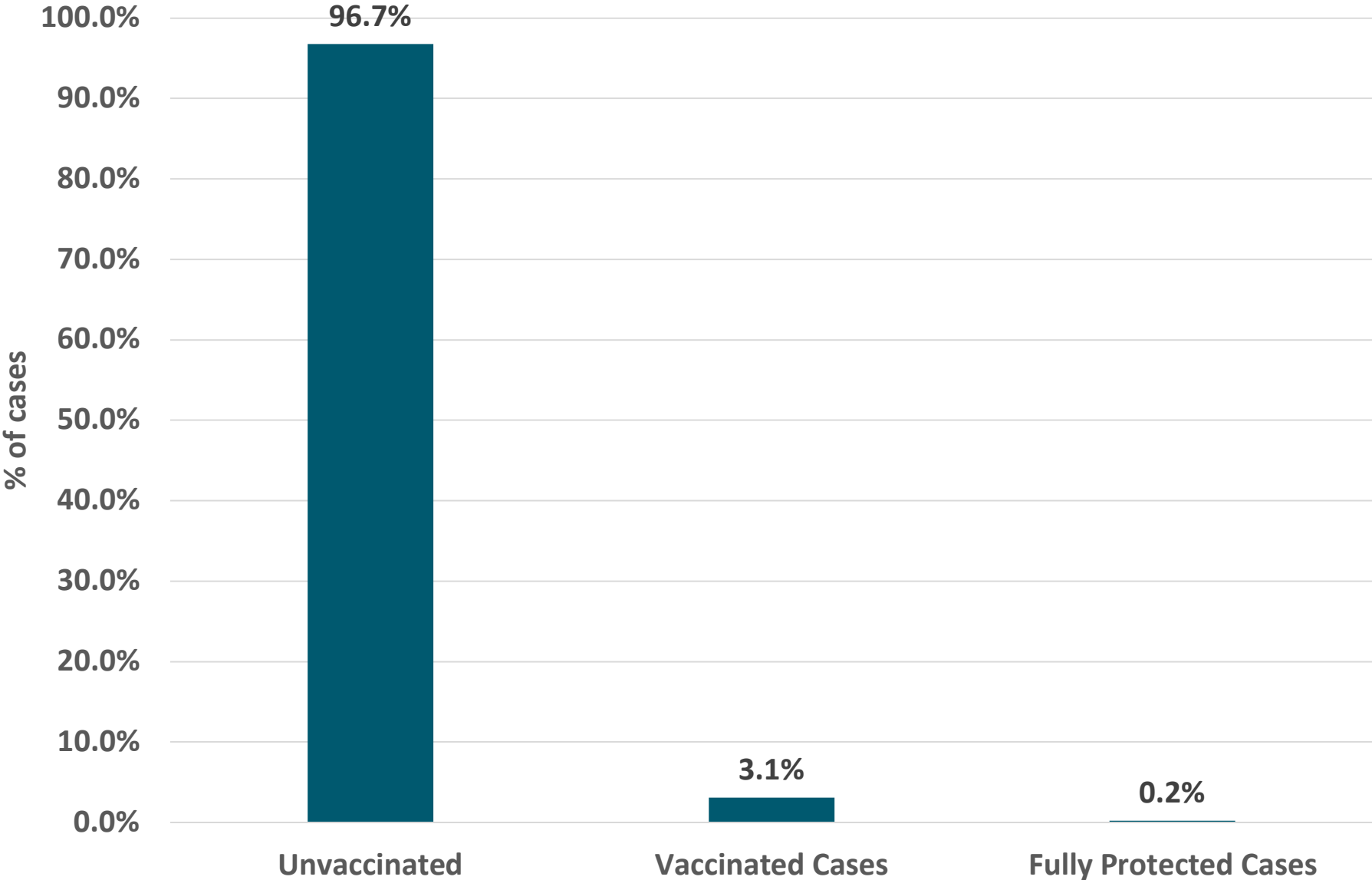
Public Health Ontario defines three categories of vaccinated cases:

- 1. Not yet protected:** a case has received their first dose less than 14 days before a COVID-19 infection
- 2. Partially protected:** a case received their first dose of a vaccine 14 days or more before a COVID-19 infection
- 3. Fully protected:** a case received their second dose of vaccine 7 days or more before a COVID-19 infection

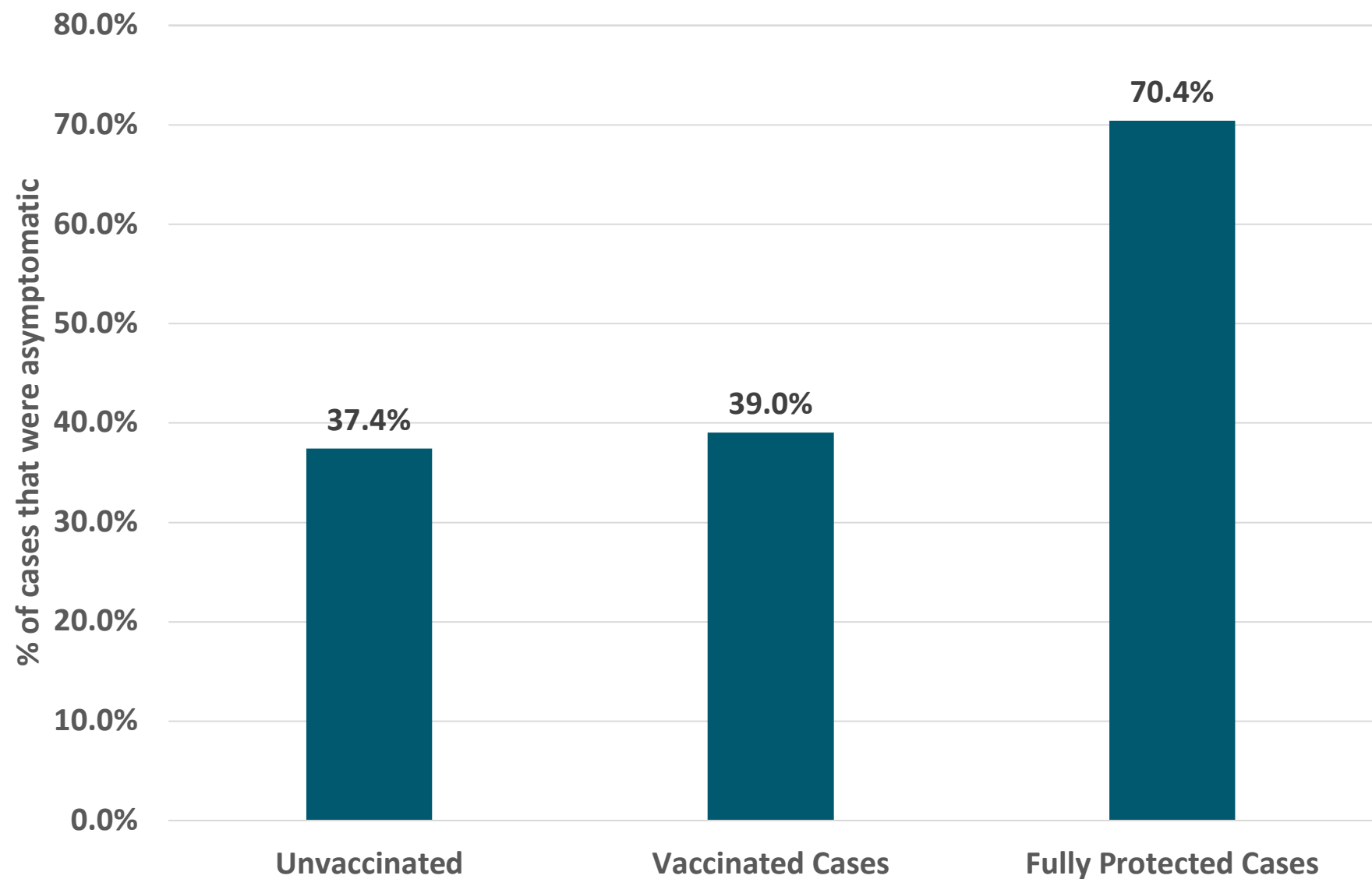
COVID-19 Cases by Vaccination Status: December 1 to May 21



Vaccination Status of New Cases from December 1 to May 21



Asymptomatic COVID-19 Cases Among Vaccinated Individuals: December 1 to May 21



Summary

- The case rate in Windsor-Essex County have decreased this week
- COVID-19 case doubling time has improved in Windsor-Essex, Ontario and Canada
- COVID-19 related hospitalizations & ICU have decreased in Windsor-Essex & Ontario
- Wastewater surveillance data has increased in the past week
- Overall COVID-19 vaccination coverage rate is 53.6%, up from 48.3% last week

Summary of Monitoring Indicators for WEC

- Most recent completed weekly case rate = 62.6 cases/100,000 population
 - Most recent 7-day rate = **46.8 cases/100,000 population**
- Percent positivity = 5.7% (full week)
 - Most recent 7-days percent positivity = 5.2%
- R_0 (effective) = 0.73