



COVID-19 *LIVE UPDATE*

September 9, 2021

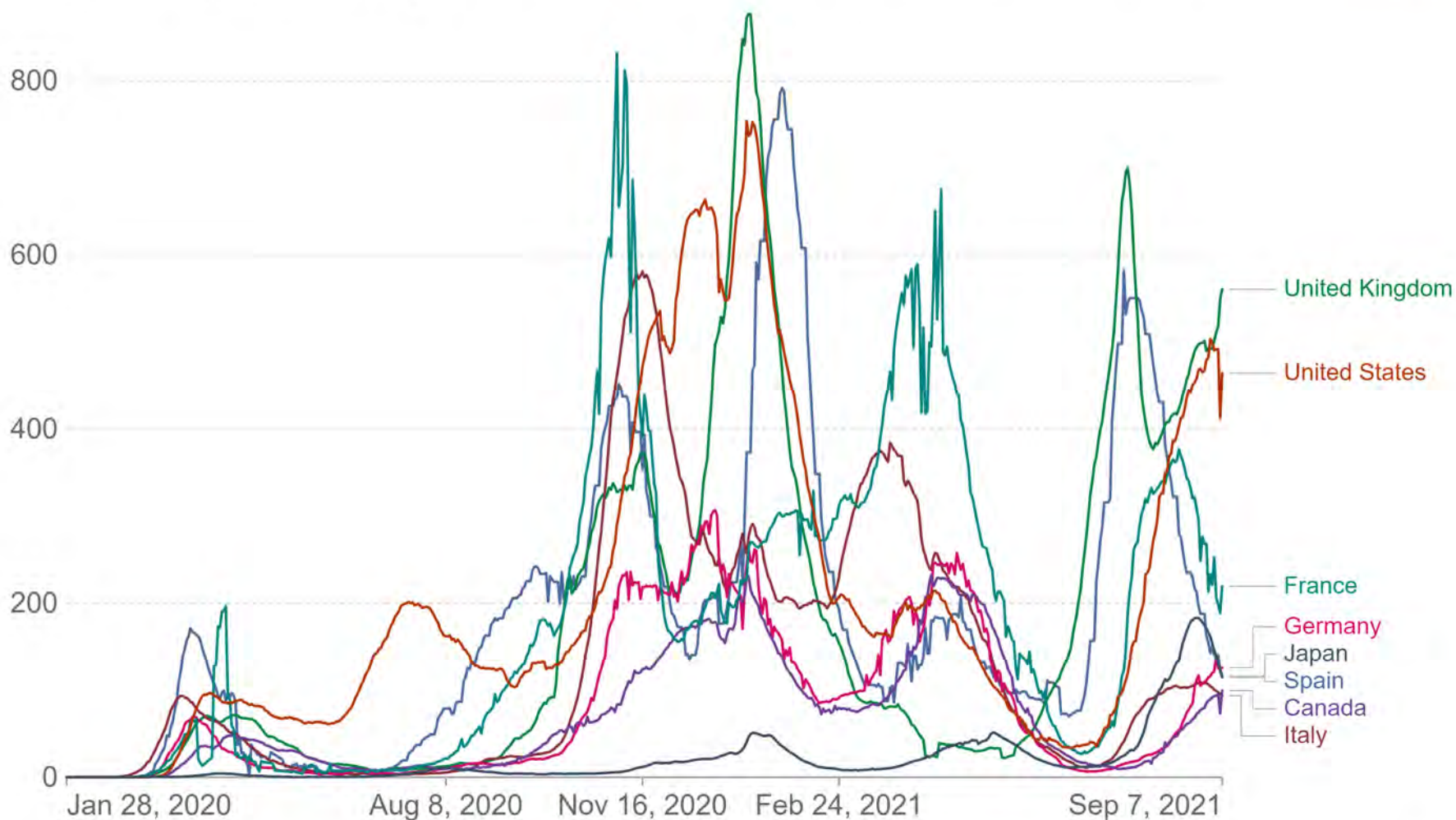
FOR UP-TO-DATE
CASE NUMBERS
VISIT
wechu.org

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

Daily new confirmed COVID-19 cases per million people

Shown is the rolling 7-day average. The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.

Our World
in Data



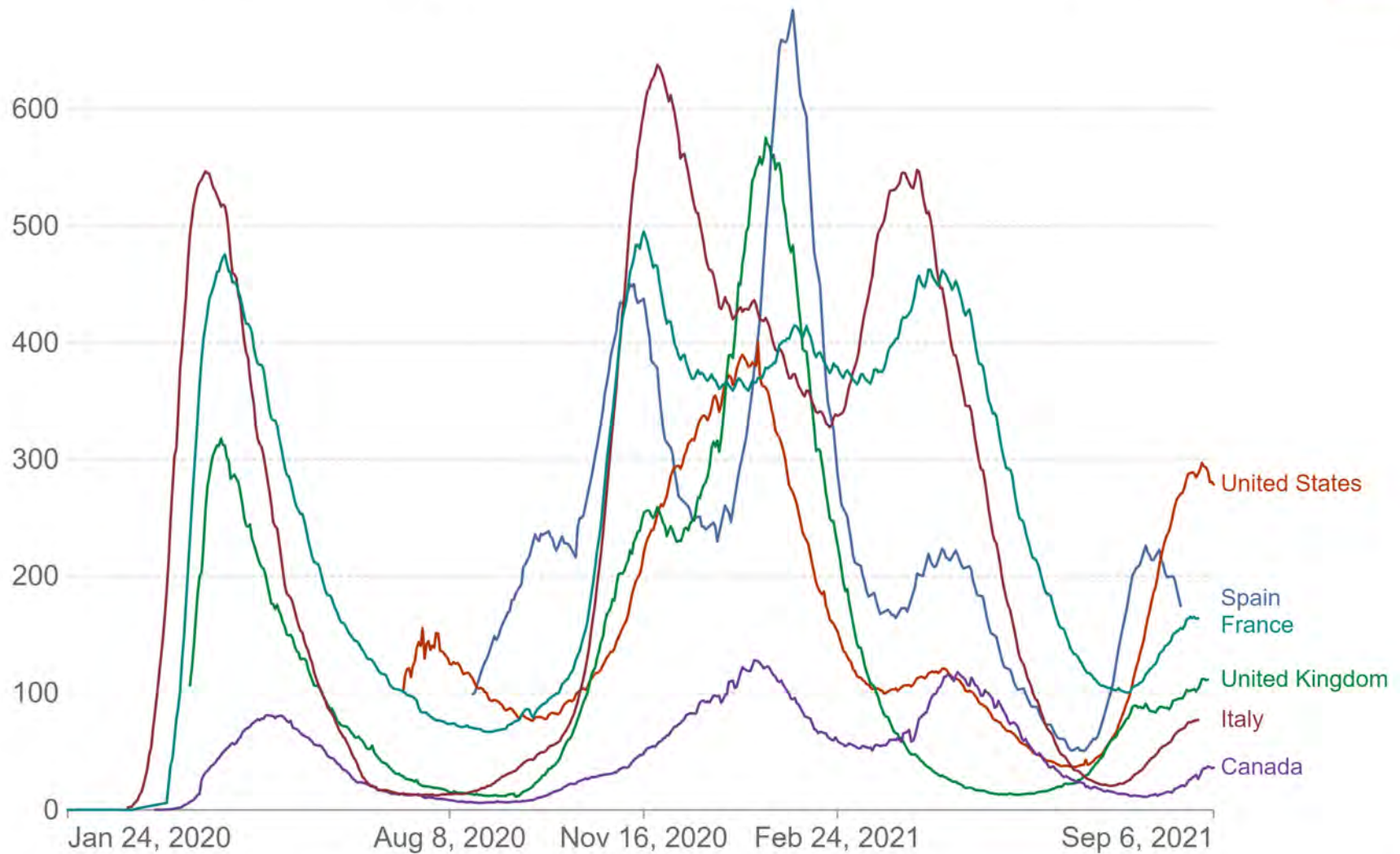
Source: Johns Hopkins University CSSE COVID-19 Data

CC BY

2021-09-24

Number of COVID-19 patients in hospital per million people

Our World
in Data

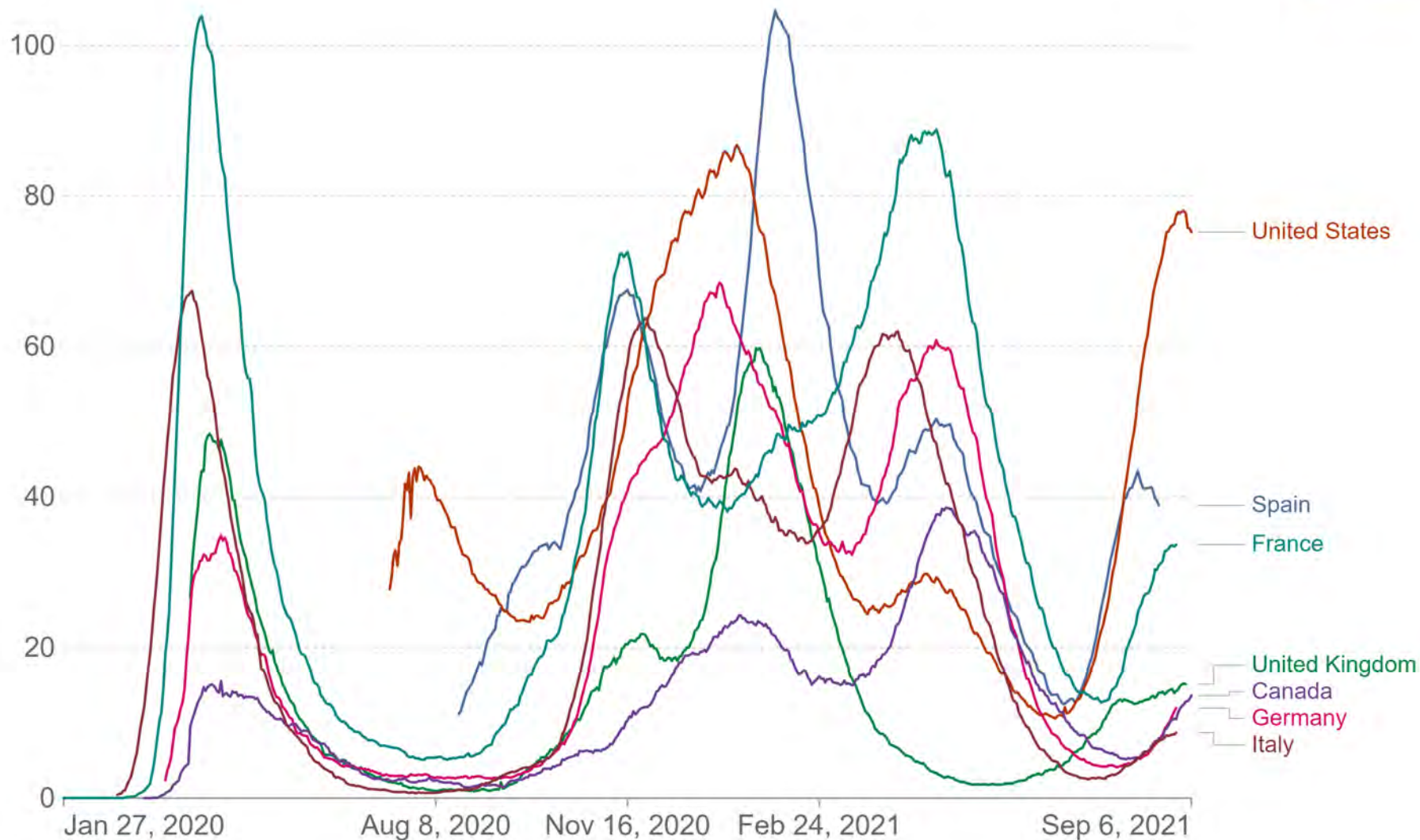


Source: Official data collated by Our World in Data

CC BY

2021-09-24

Number of COVID-19 patients in intensive care (ICU) per million people



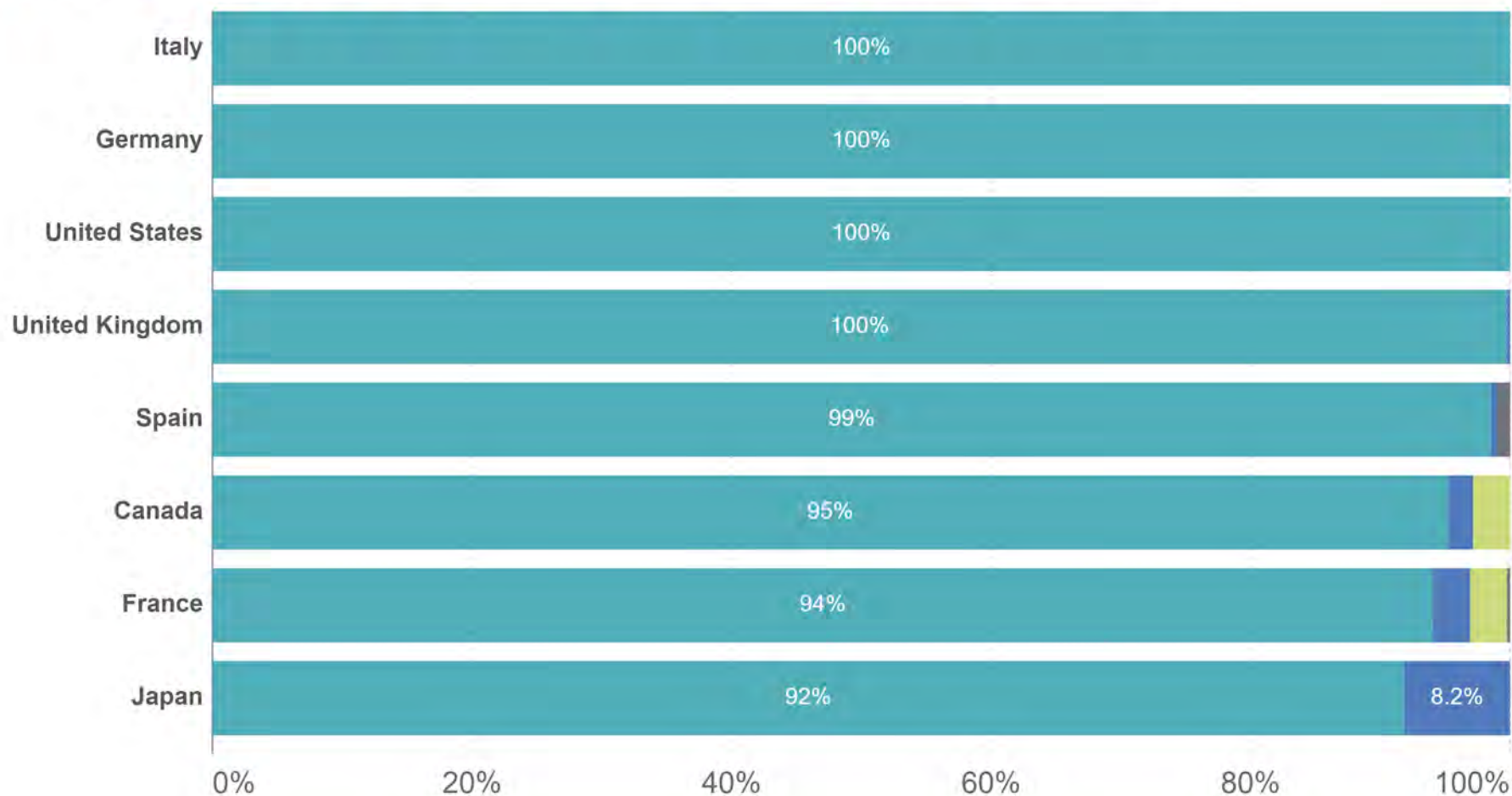
Source: Official data collated by Our World in Data

CC BY

SARS-CoV-2 sequences by variant

The share of analyzed sequences in the last two weeks that correspond to each variant group. This share may not reflect the complete breakdown of cases since only a fraction of all cases are sequenced.

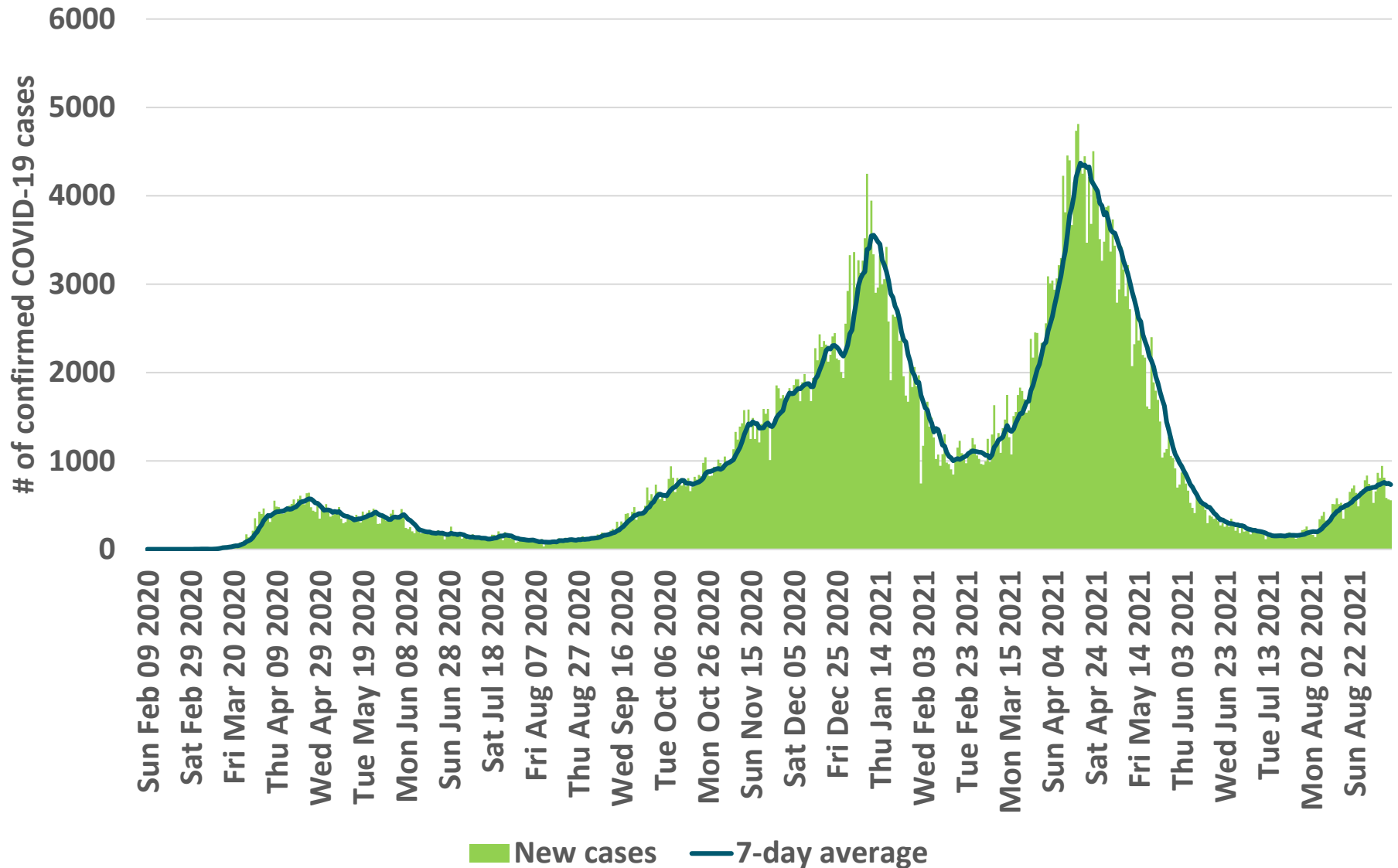
Delta Alpha Eta Iota Epsilon Beta Gamma Kappa Lambda Others



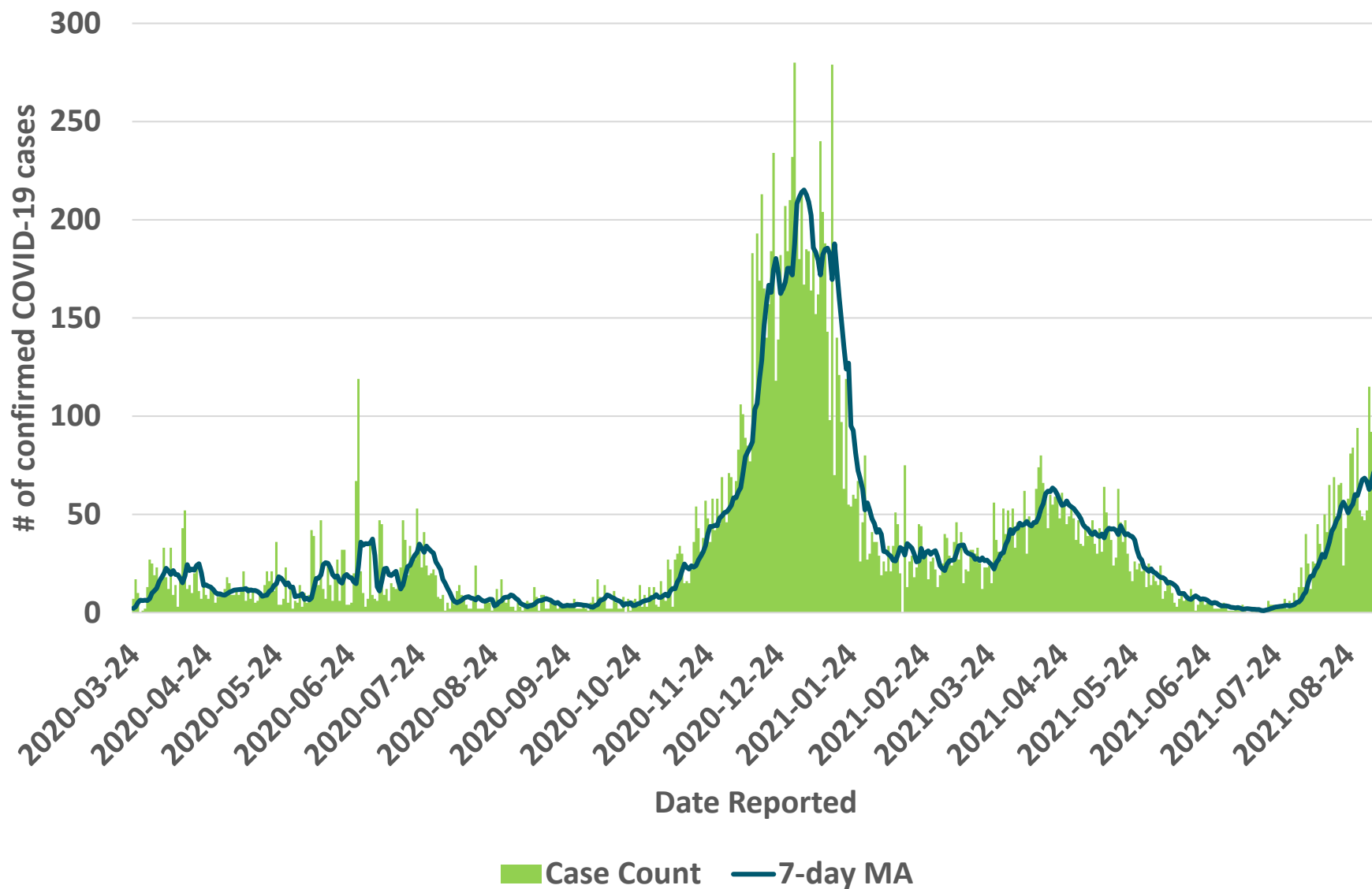
Source: CoVariants.org and GISAID

CC BY

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

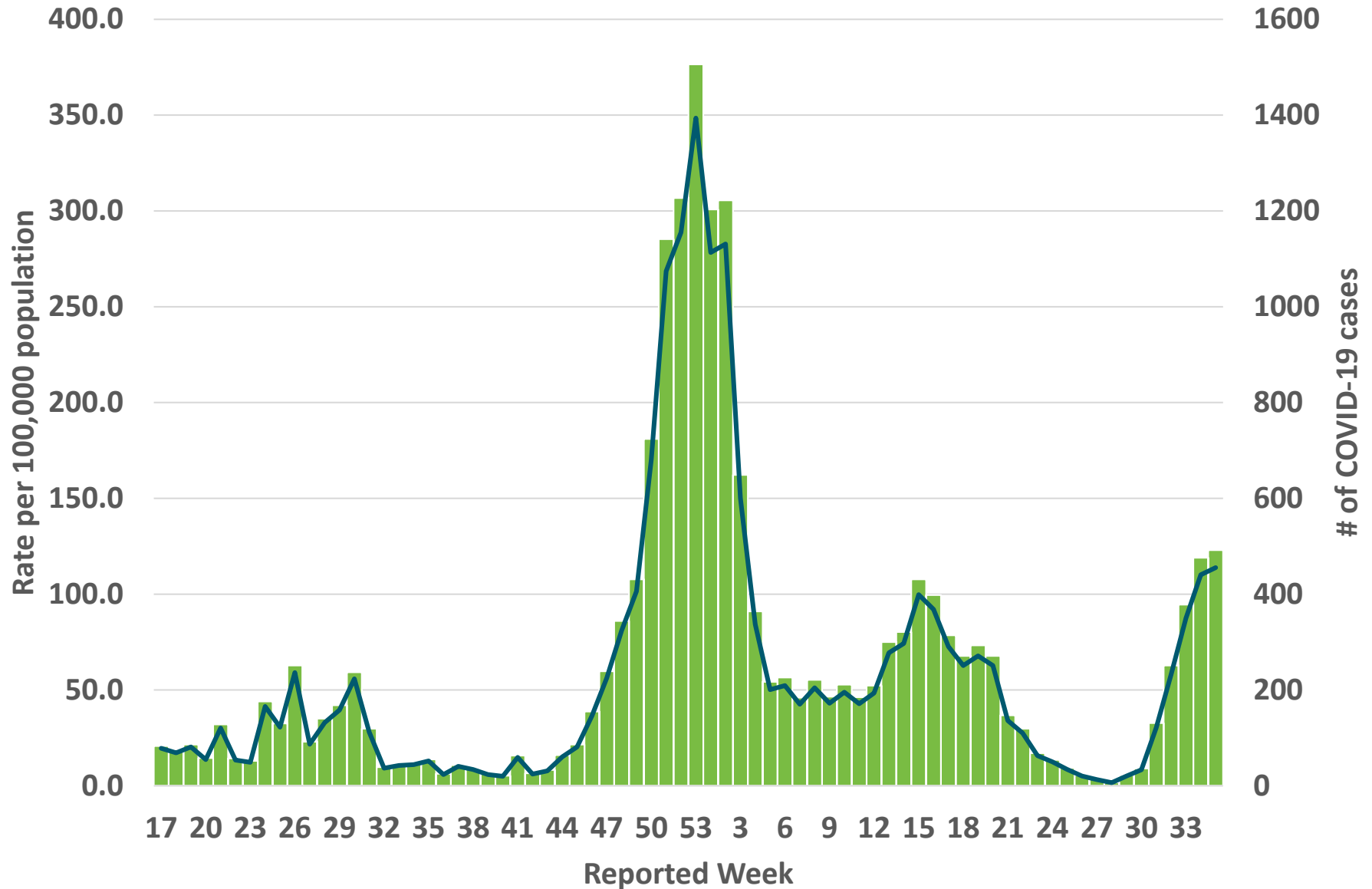


Epidemic Curve by Reported Date in Windsor-Essex



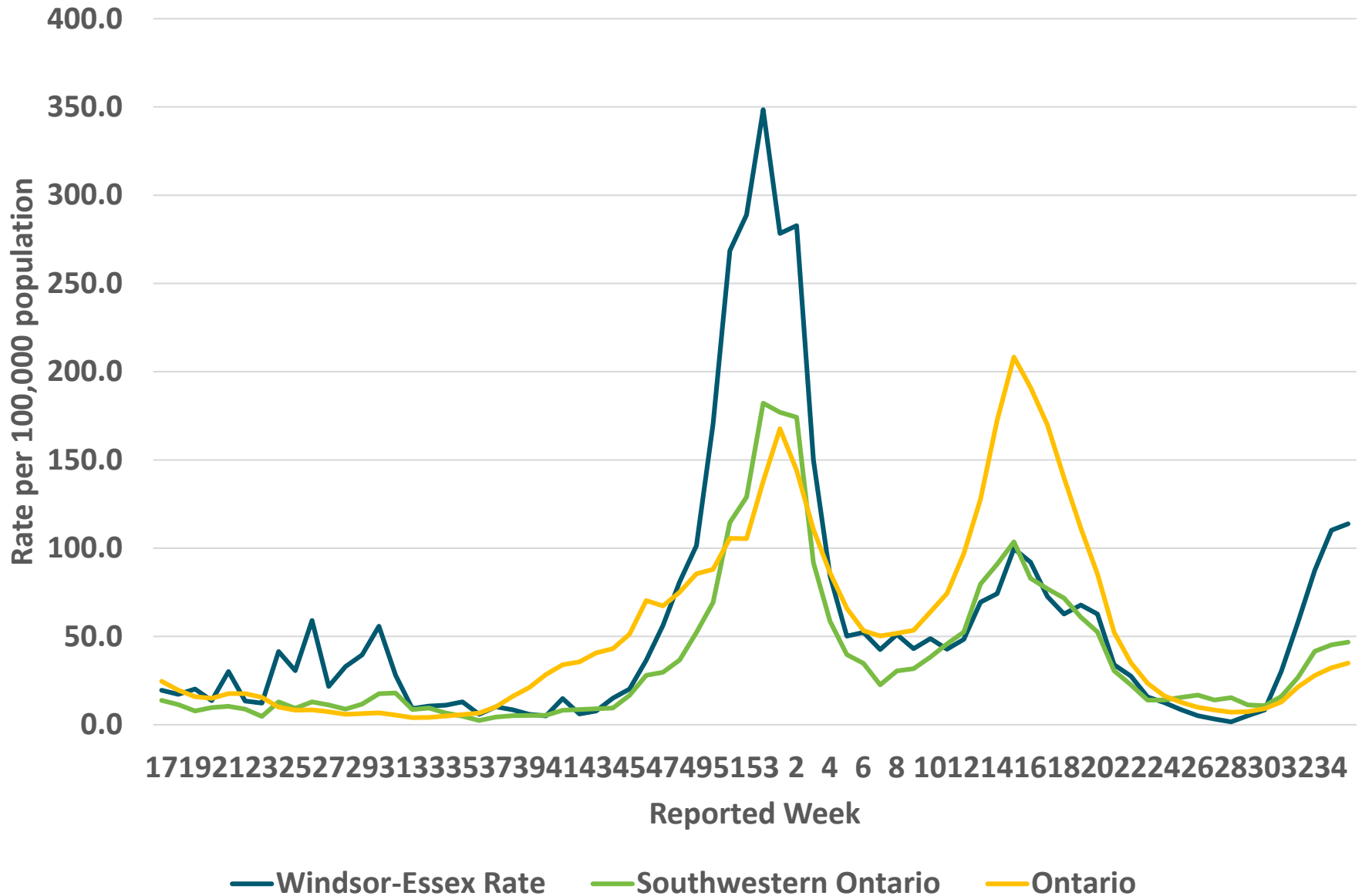
2021-09-24

Windsor-Essex Rate by Reported Week

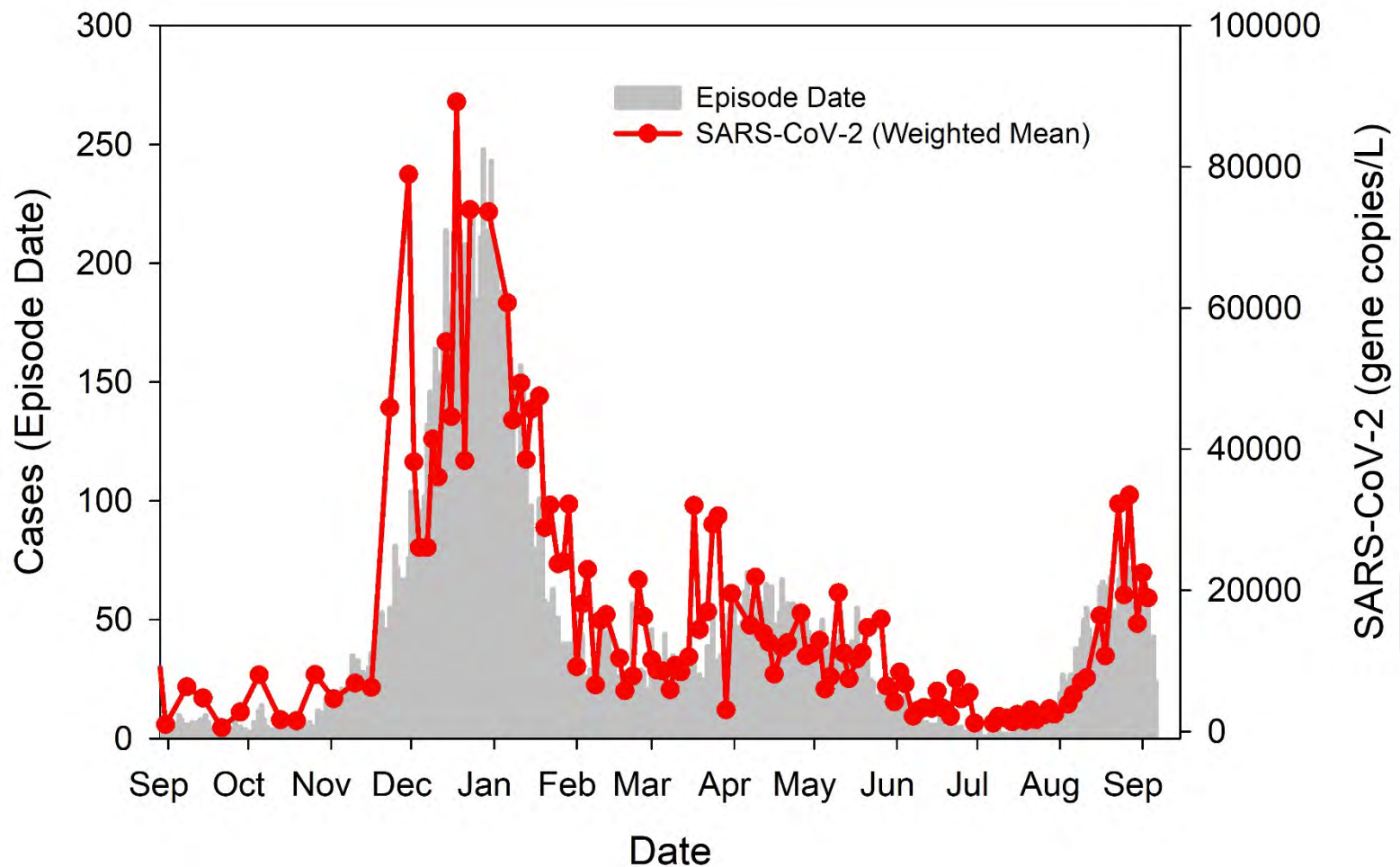


2021-09-24

Weekly Comparison of Rates in Ontario



Windsor-Essex Wastewater Data



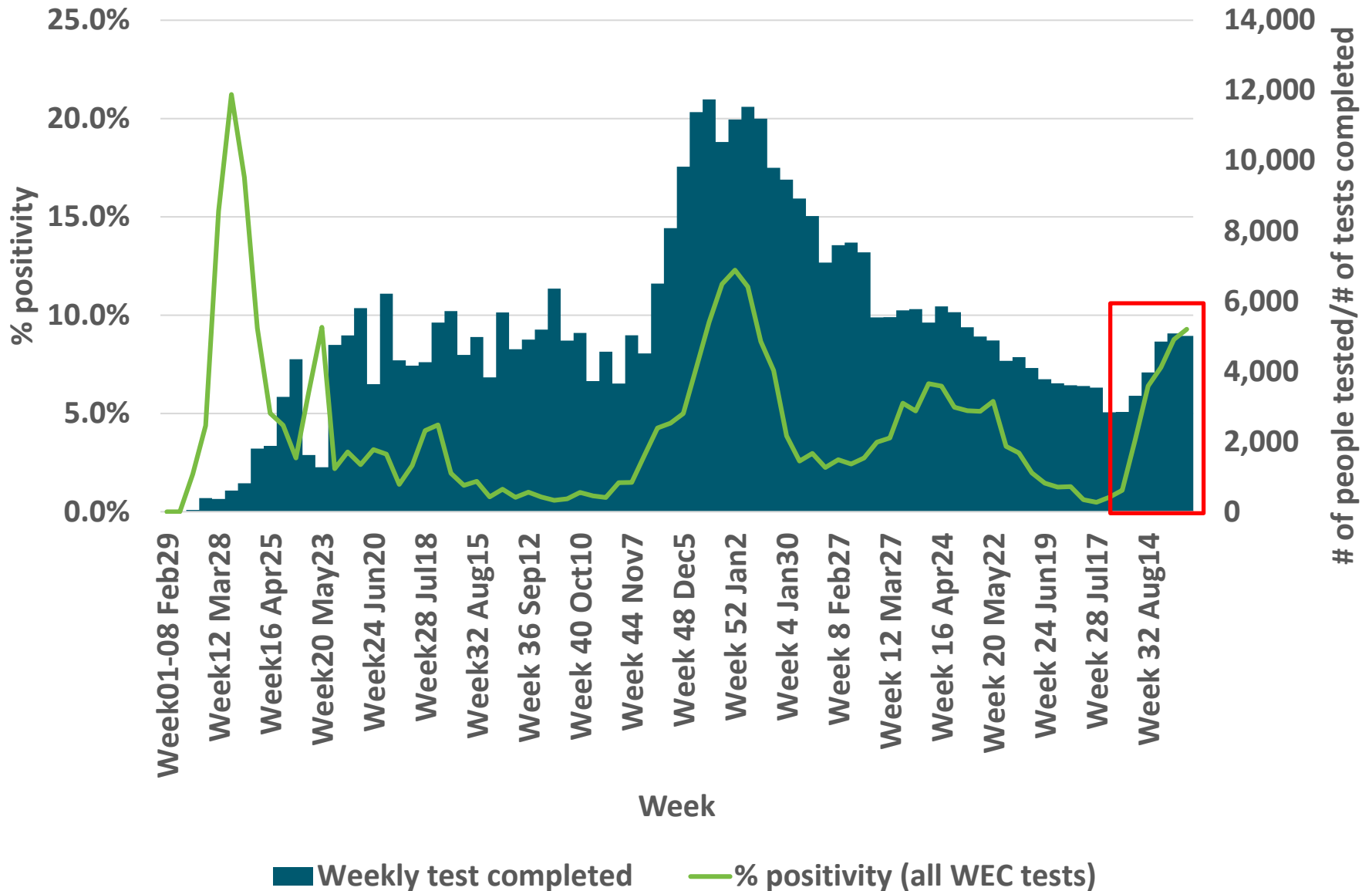
GLIER
GREAT LAKES INSTITUTE FOR
ENVIRONMENTAL RESEARCH
at the University of Windsor



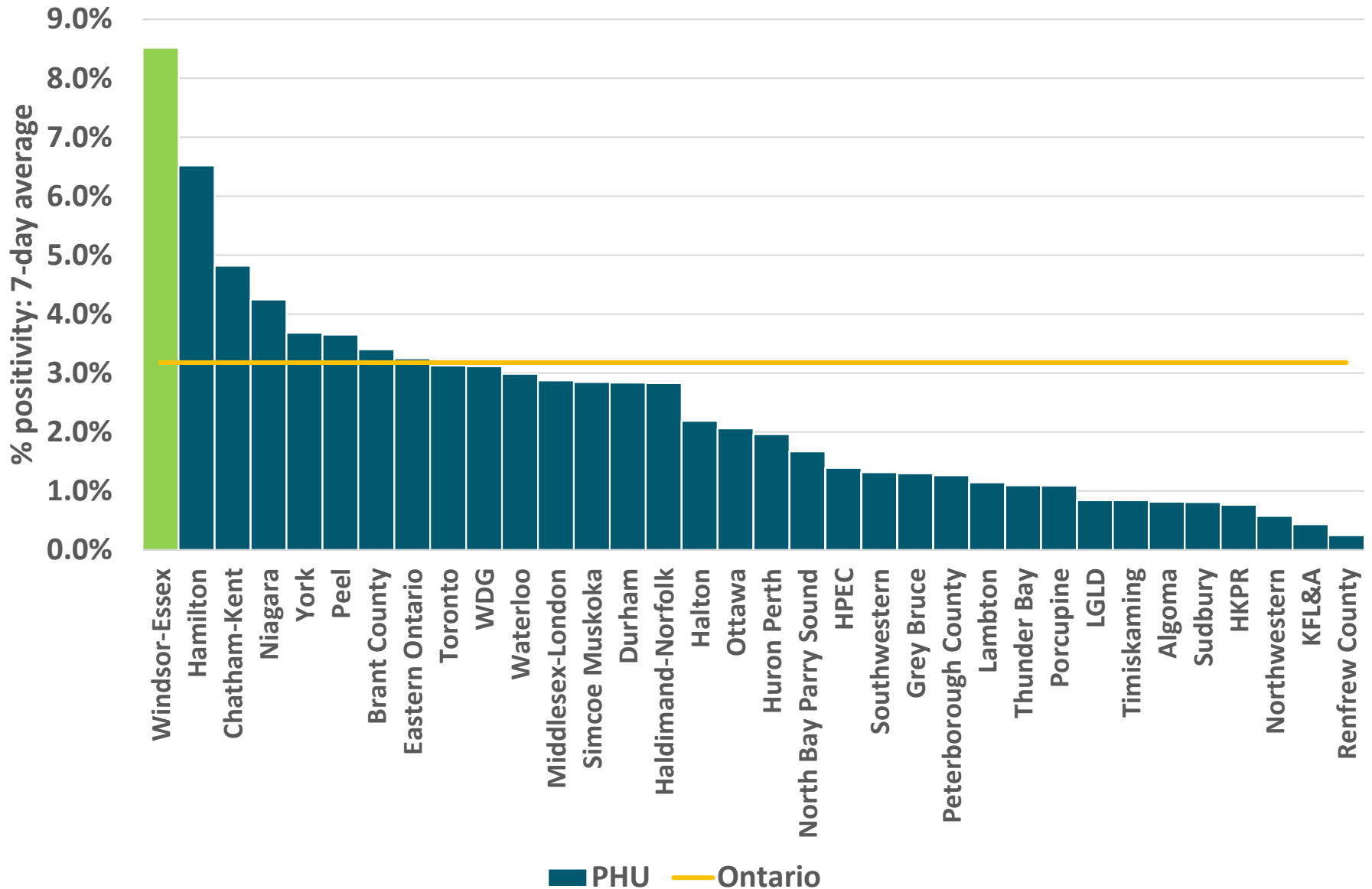
University
of Windsor

uwindsor.ca/GLIER

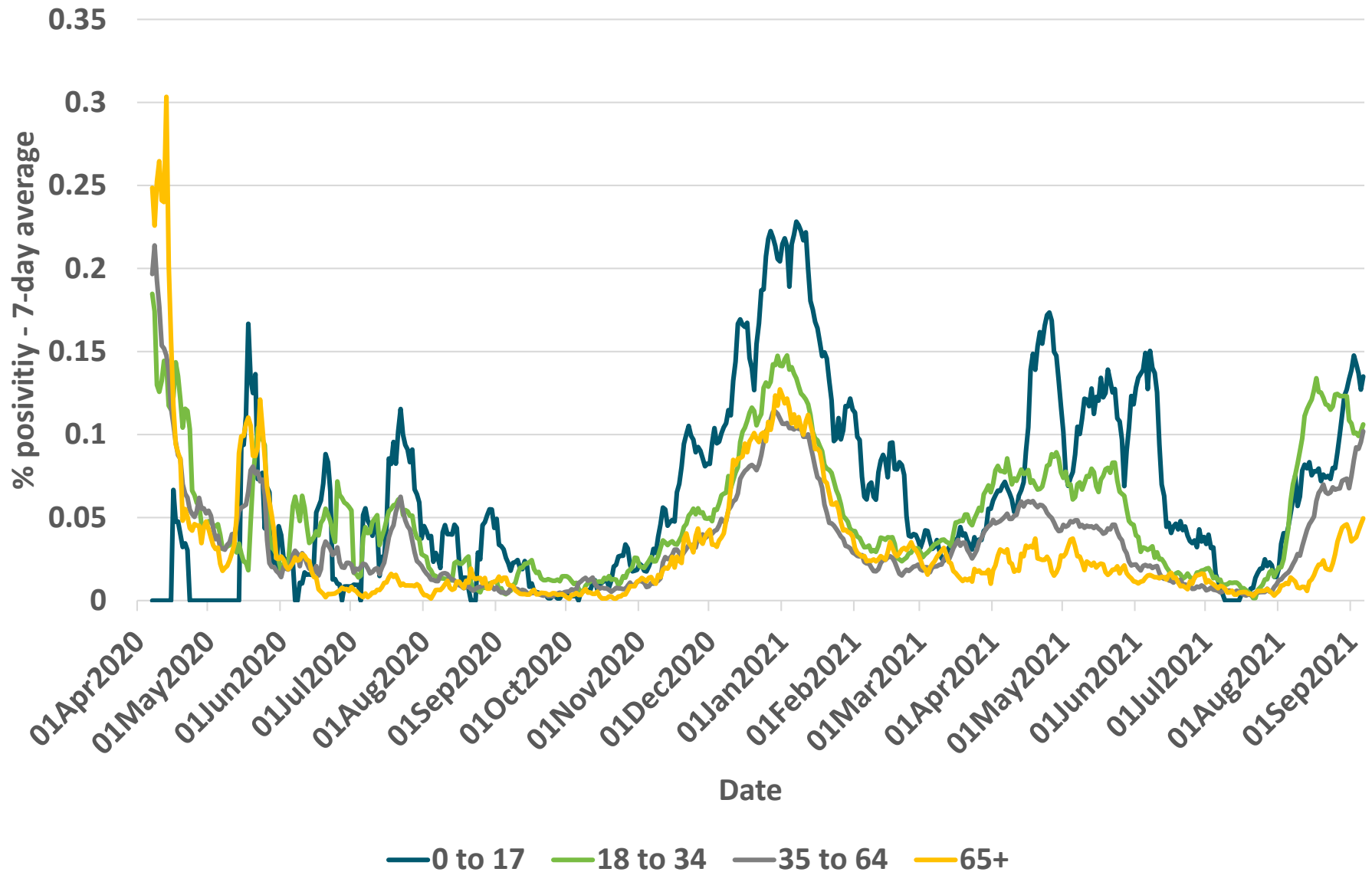
Percent Positivity by Week by All Tests



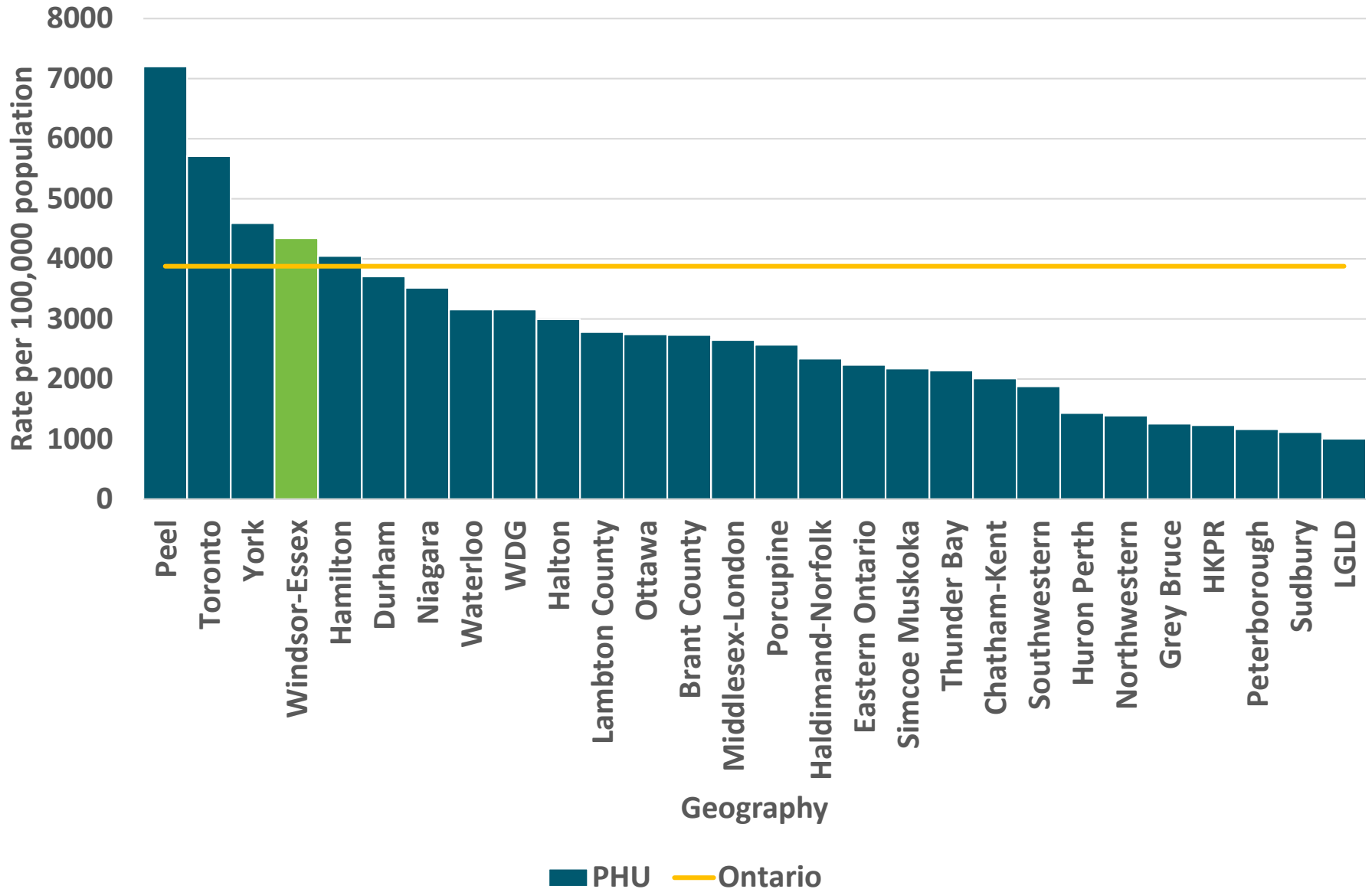
% Positivity in Ontario: 7-Day Average



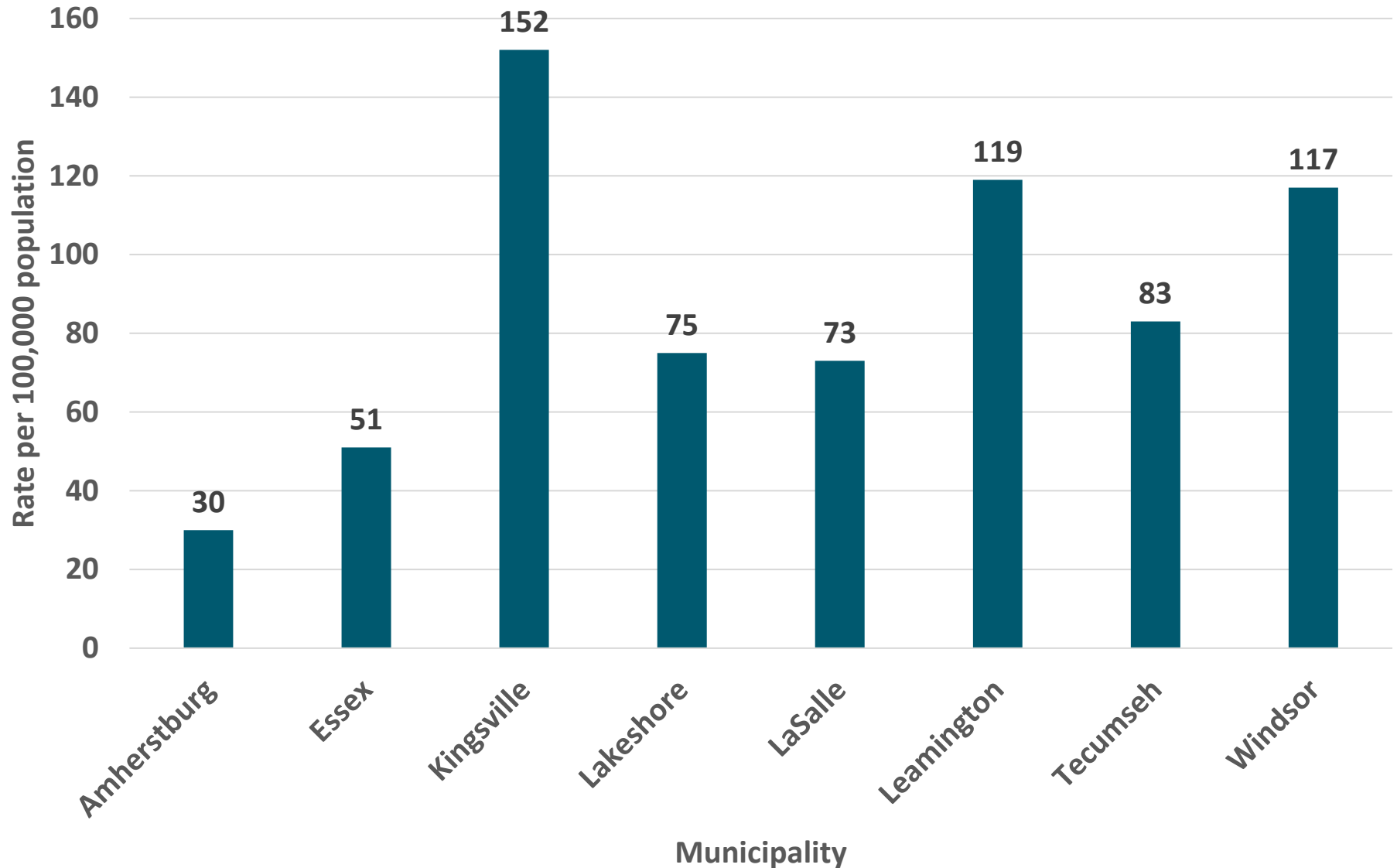
% Positivity in Windsor-Essex by Age: 7-Day Average



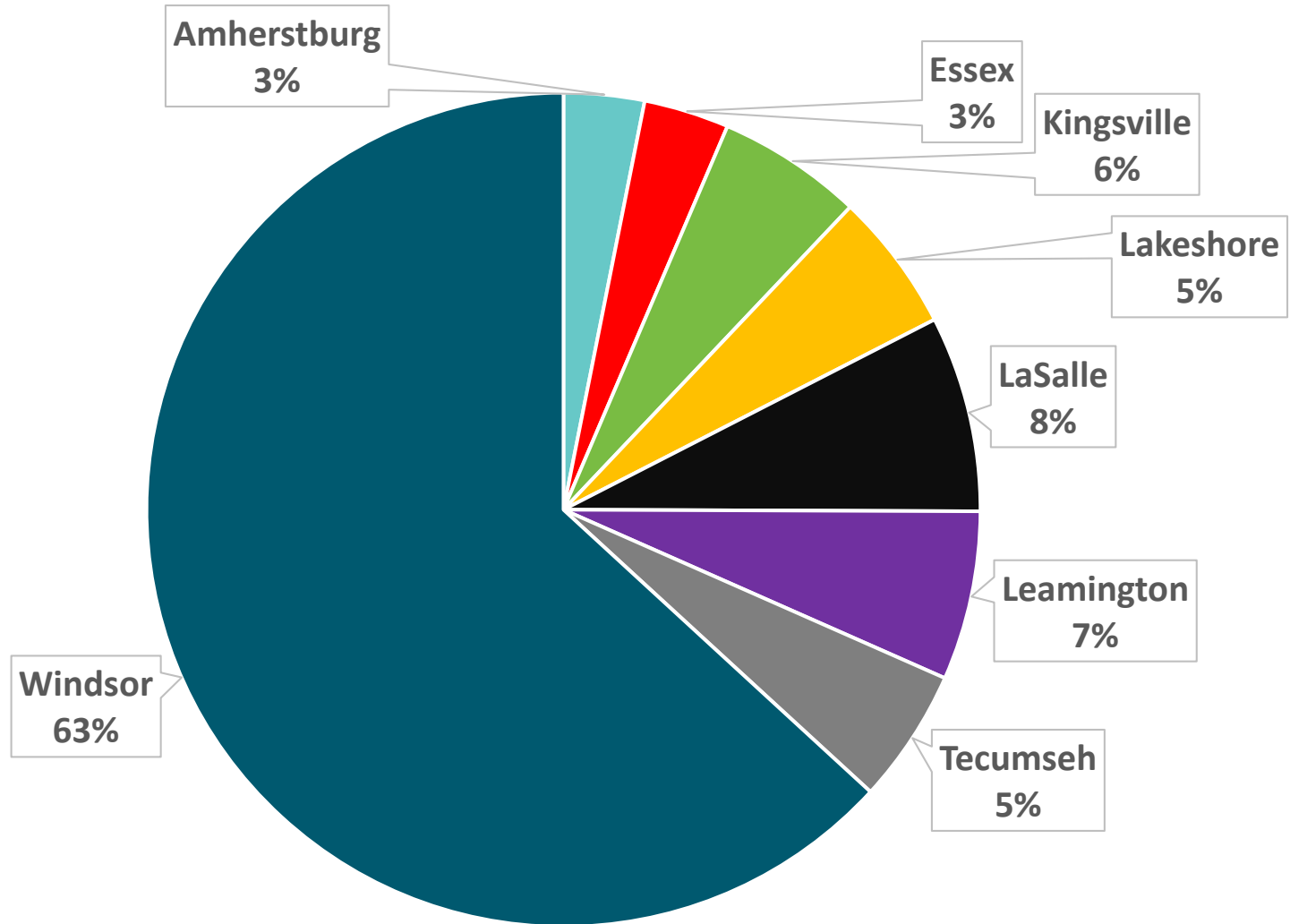
Cumulative Regional & Provincial Rates



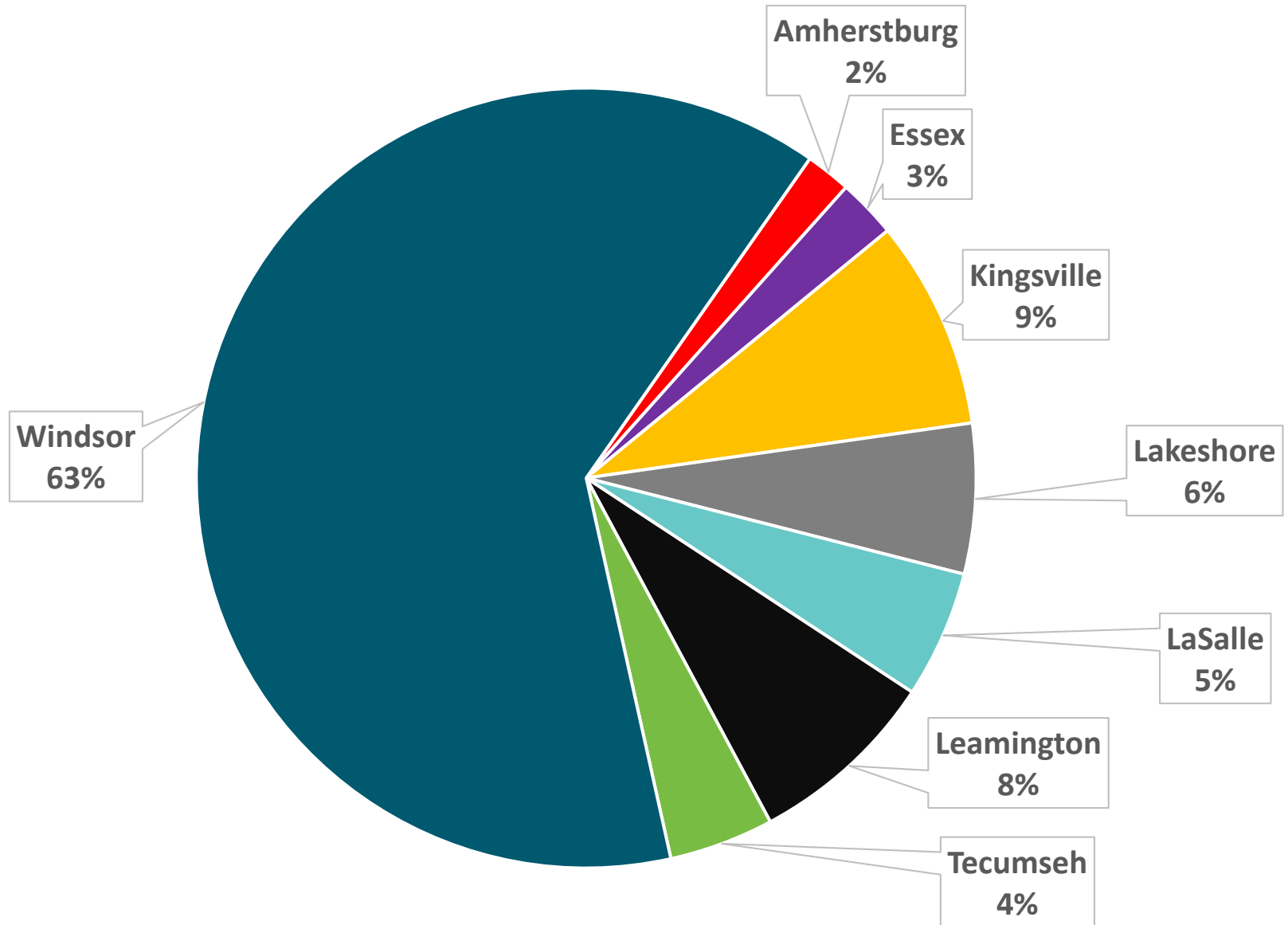
Rate per 100,000 by Municipality (September to Present)



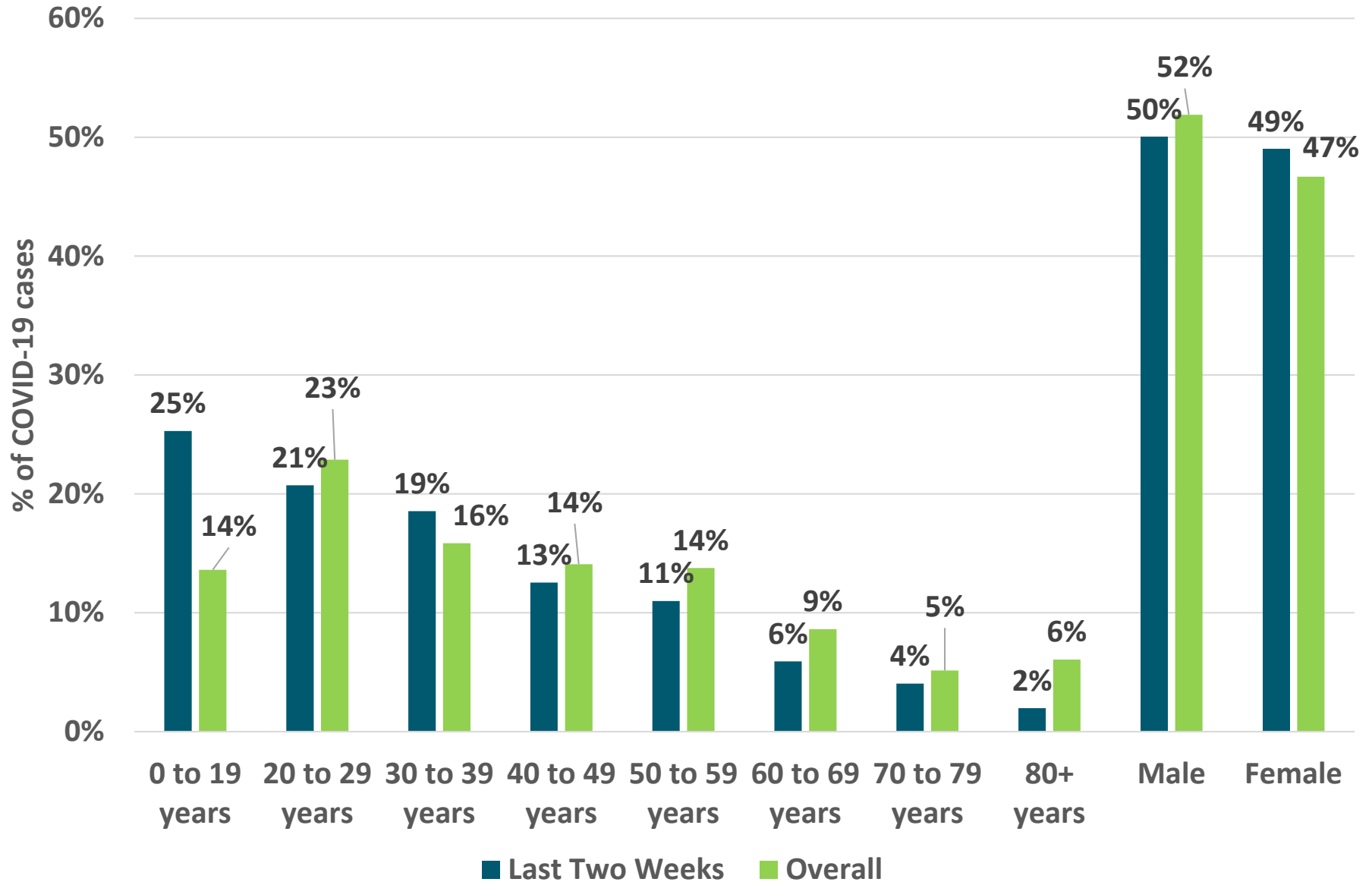
Distribution of COVID-19 Cases by Municipality in last 30 days (August 8 to September 6)



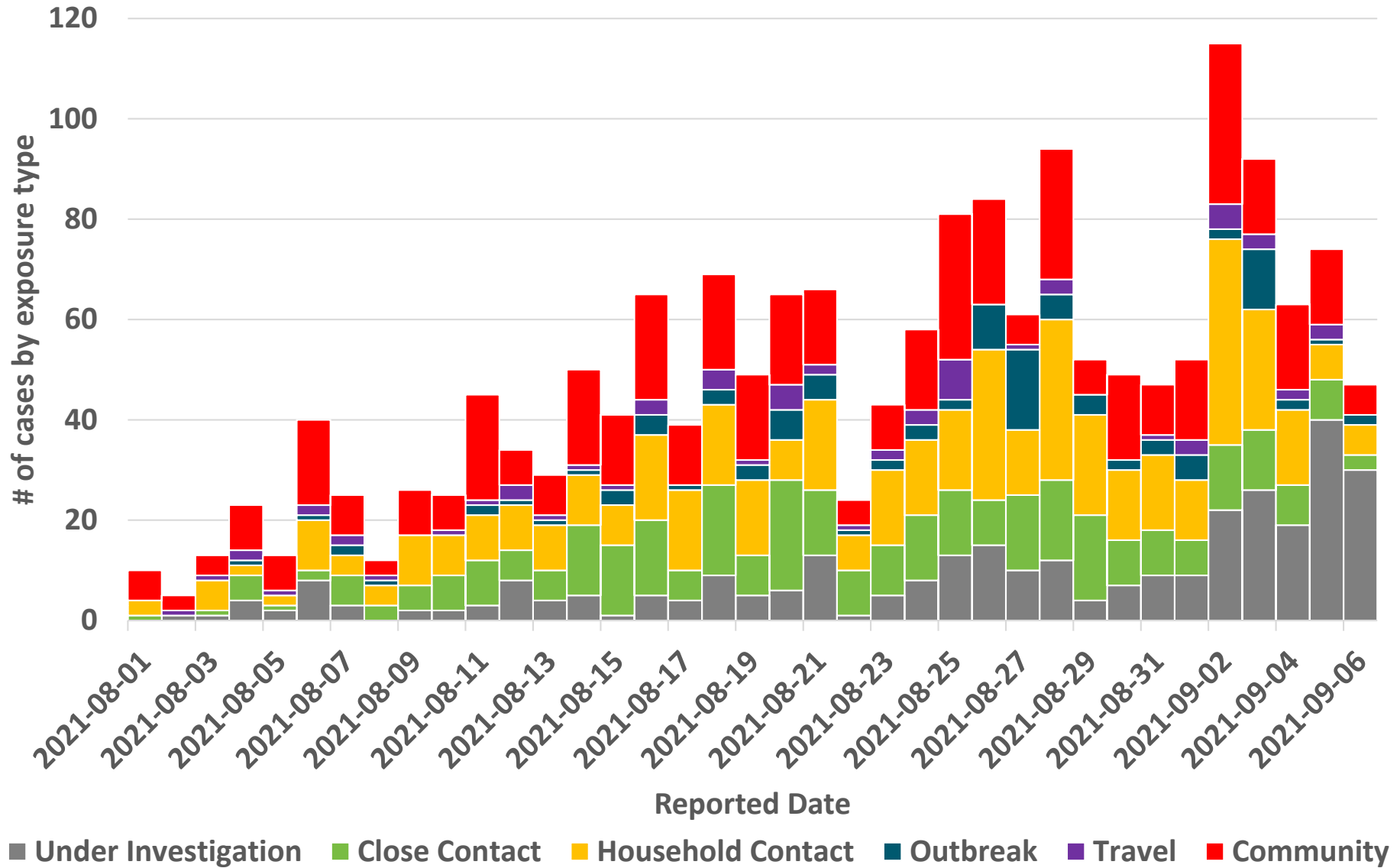
Distribution of COVID-19 Cases by Municipality in last 7 days (August 30 to September 6)



Age & Sex Distribution

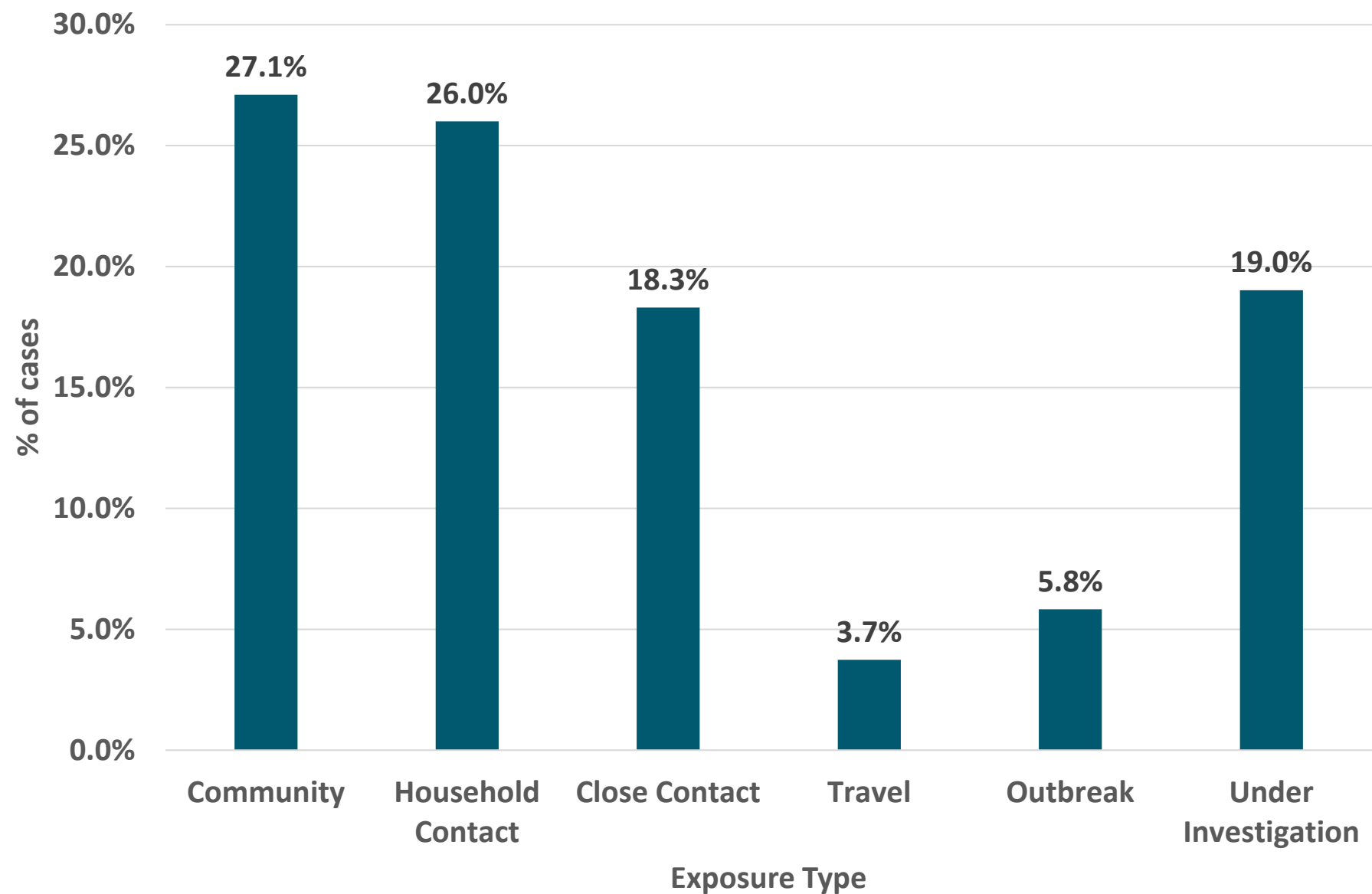


Exposure History by Reported Date (August to Present)

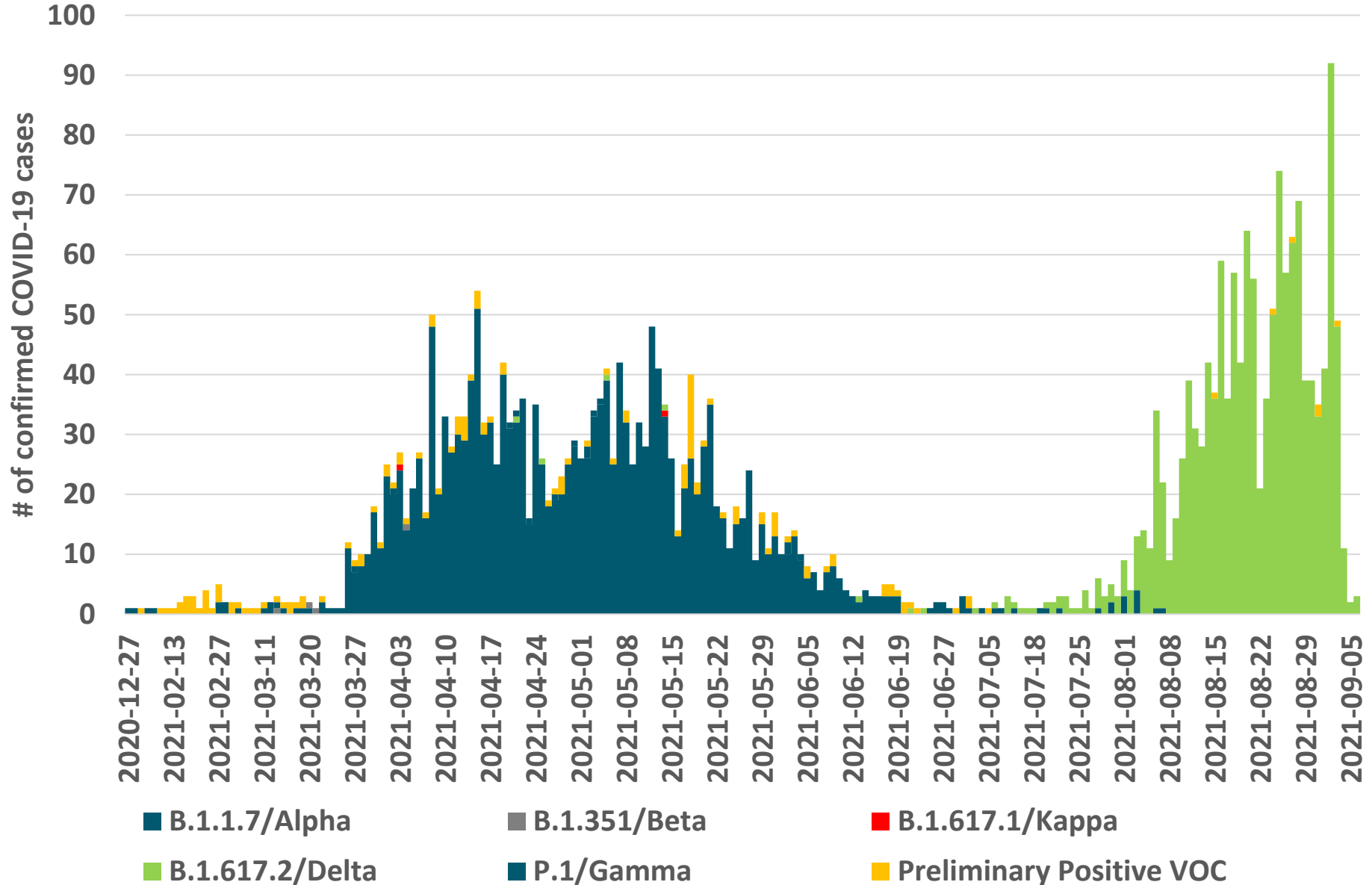


2021-09-24

Source of Acquisition (August to Present)

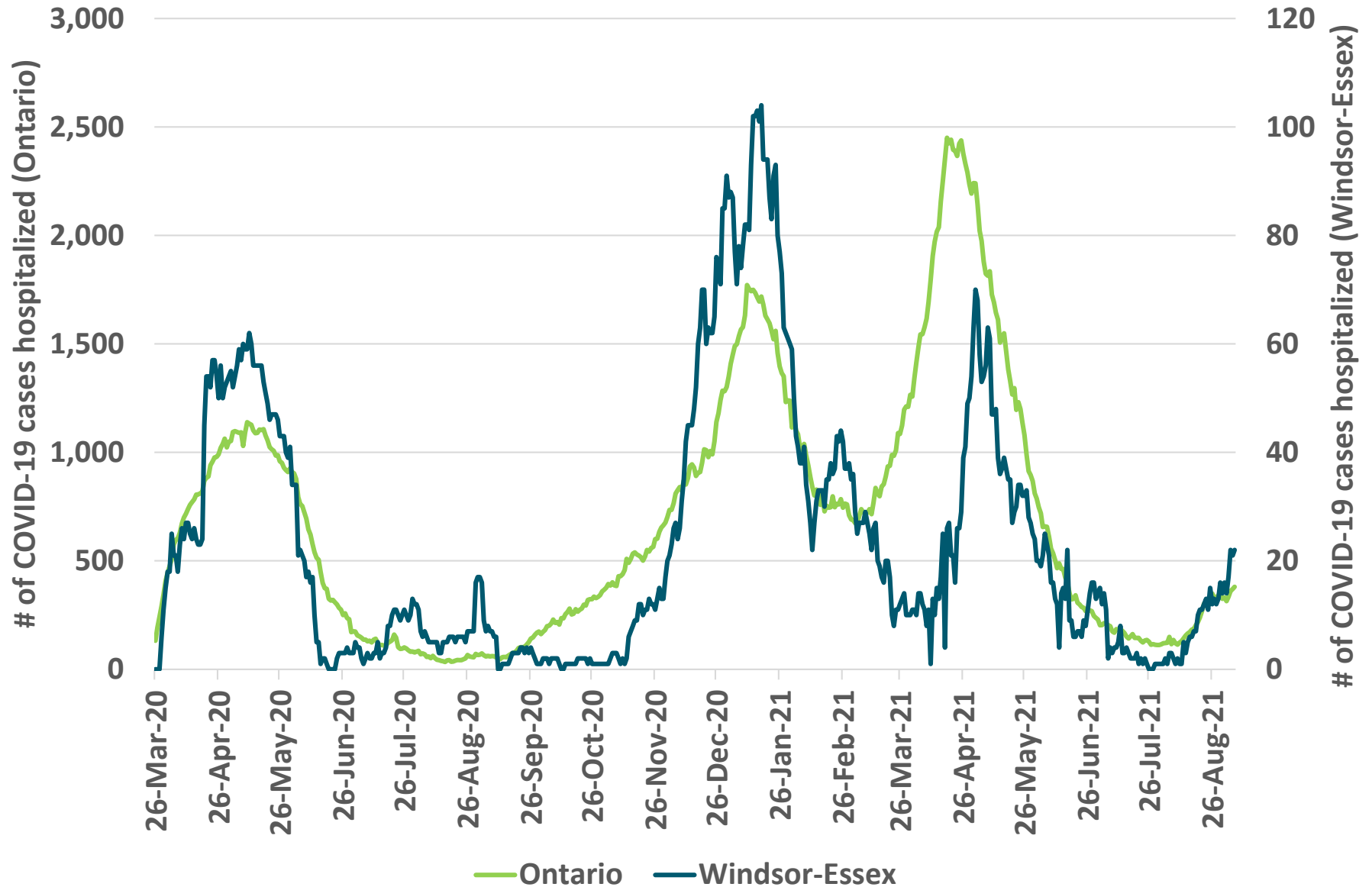


Variants of Concern by Date

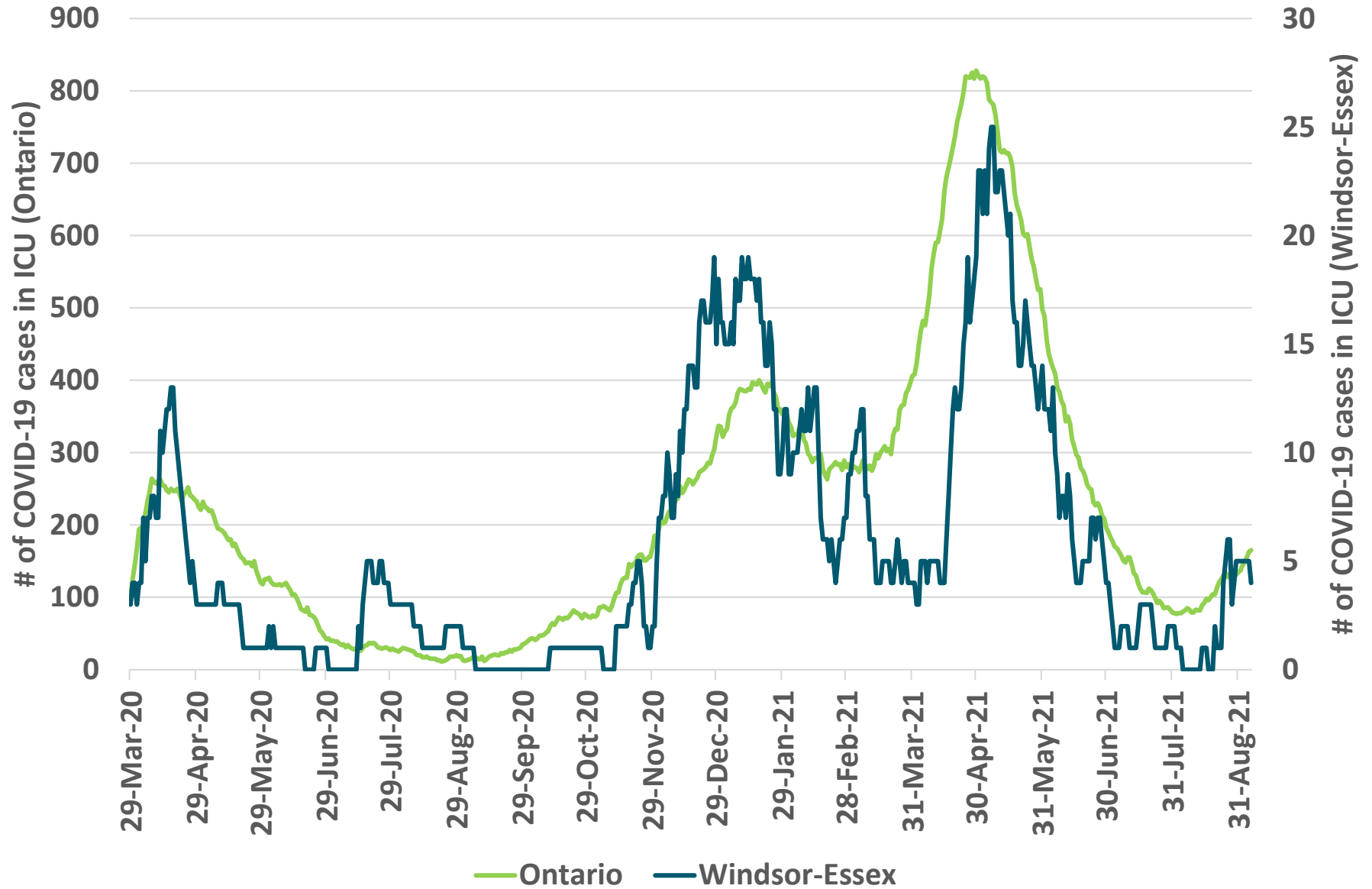


2021-09-24

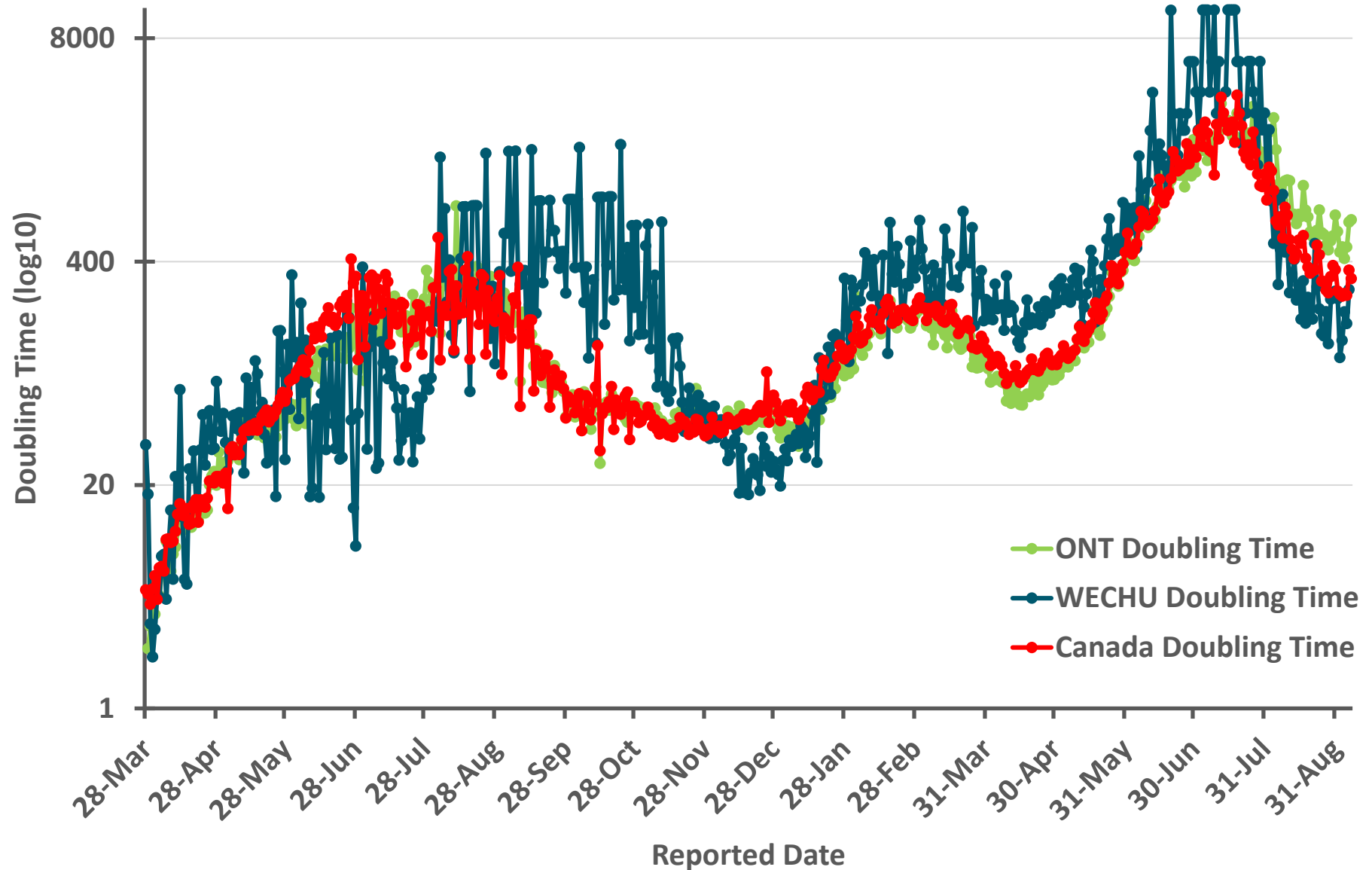
COVID-19 In-Patient Hospitalizations



COVID-19 ICU

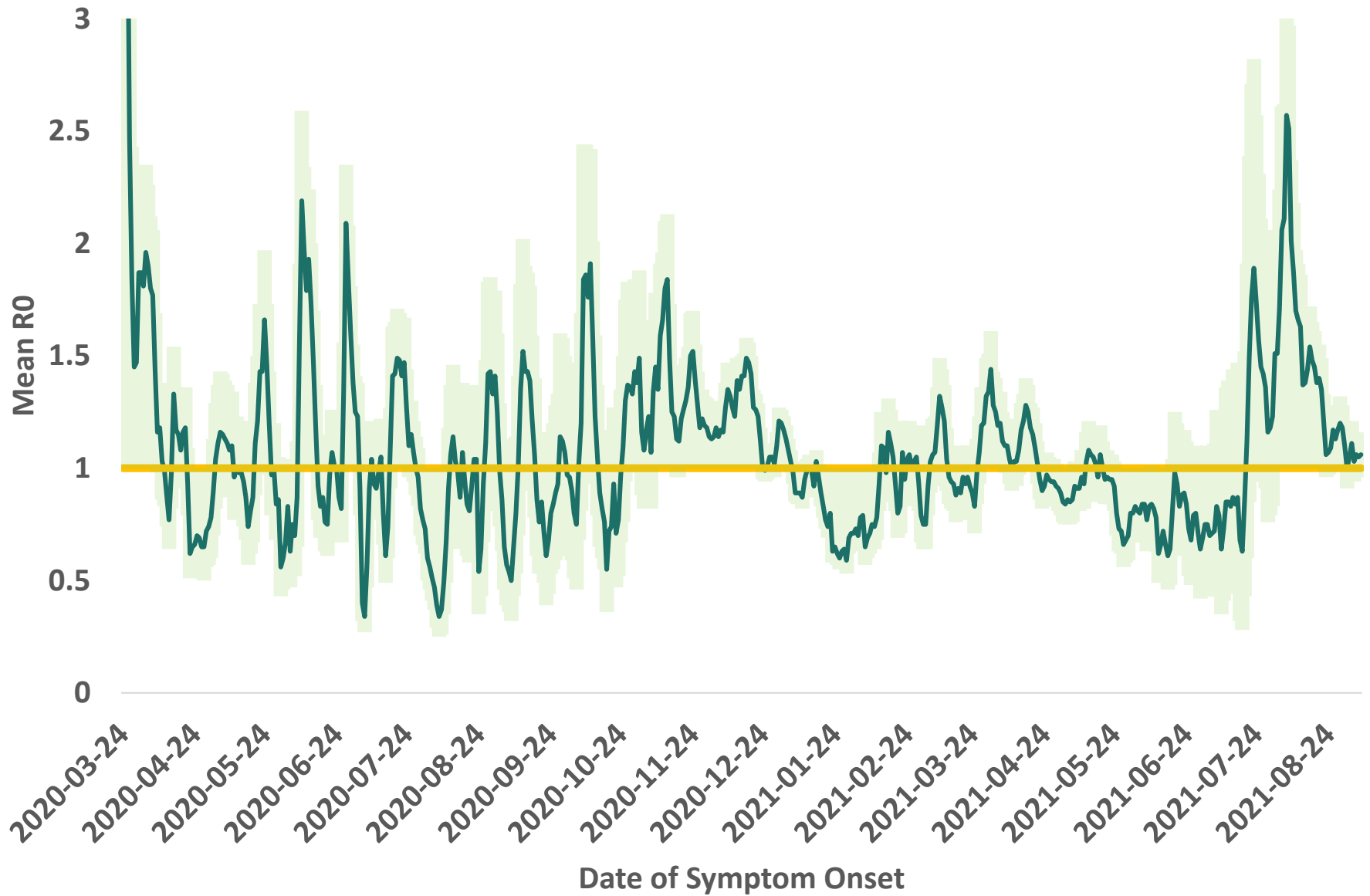


Doubling Time (Day over Day Comparison)



2021-09-24

Median R0 (Effective)

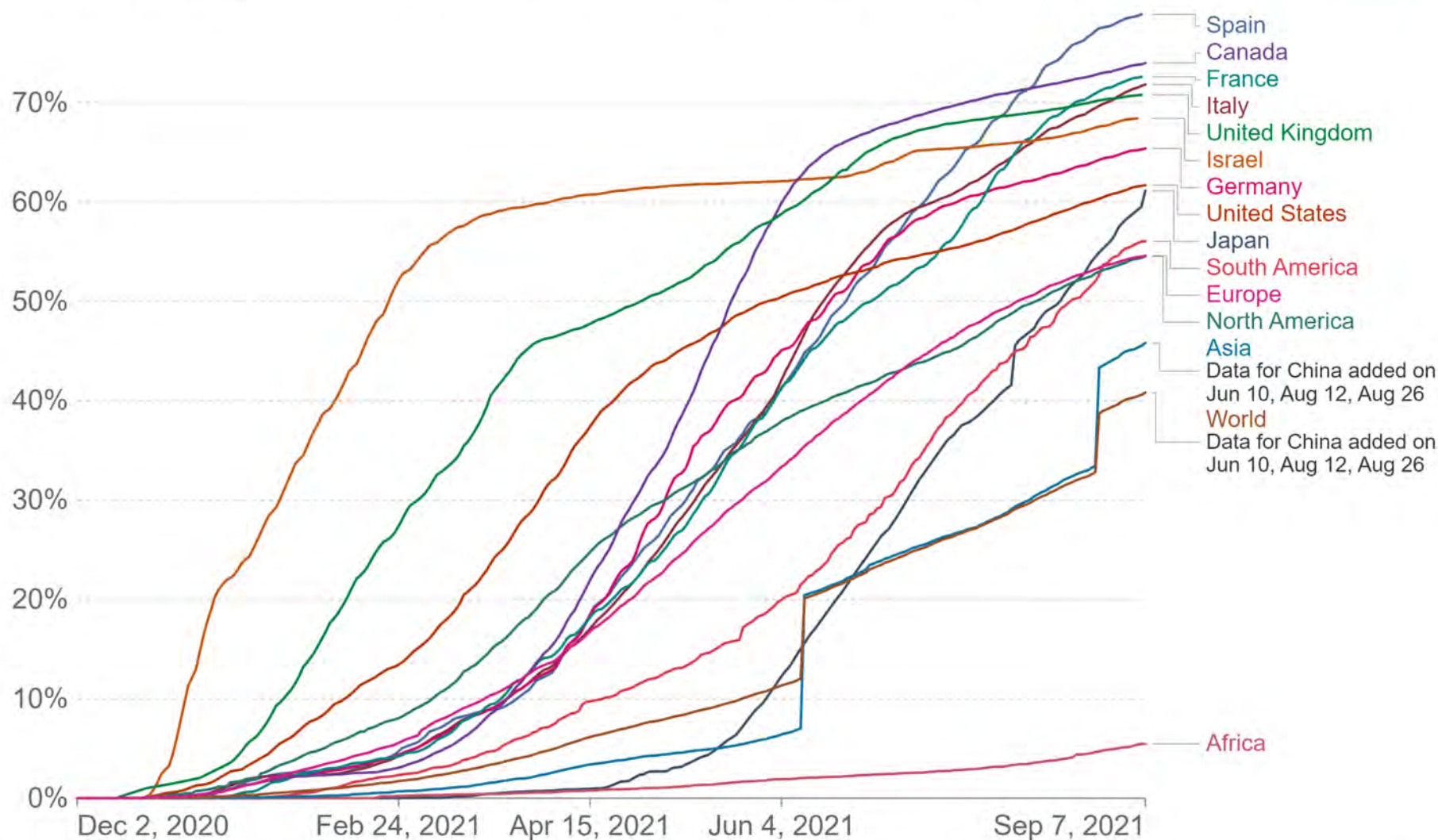


2021-09-24

COVID-19 Vaccine Status

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

Total number of people who received at least one vaccine dose, divided by the total population of the country.

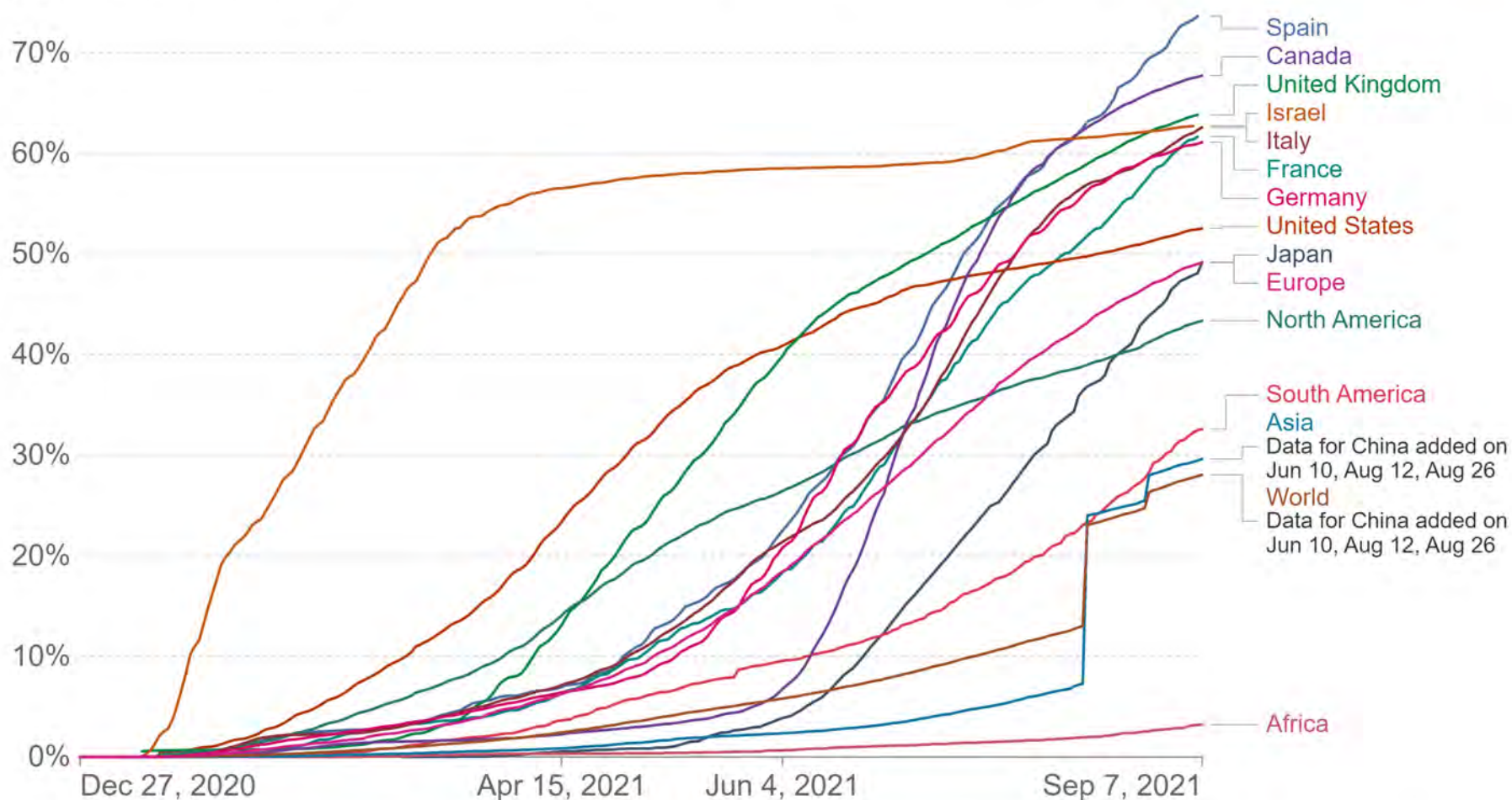


Source: Official data collated by Our World in Data.

CC BY

Share of the population fully vaccinated against COVID-19

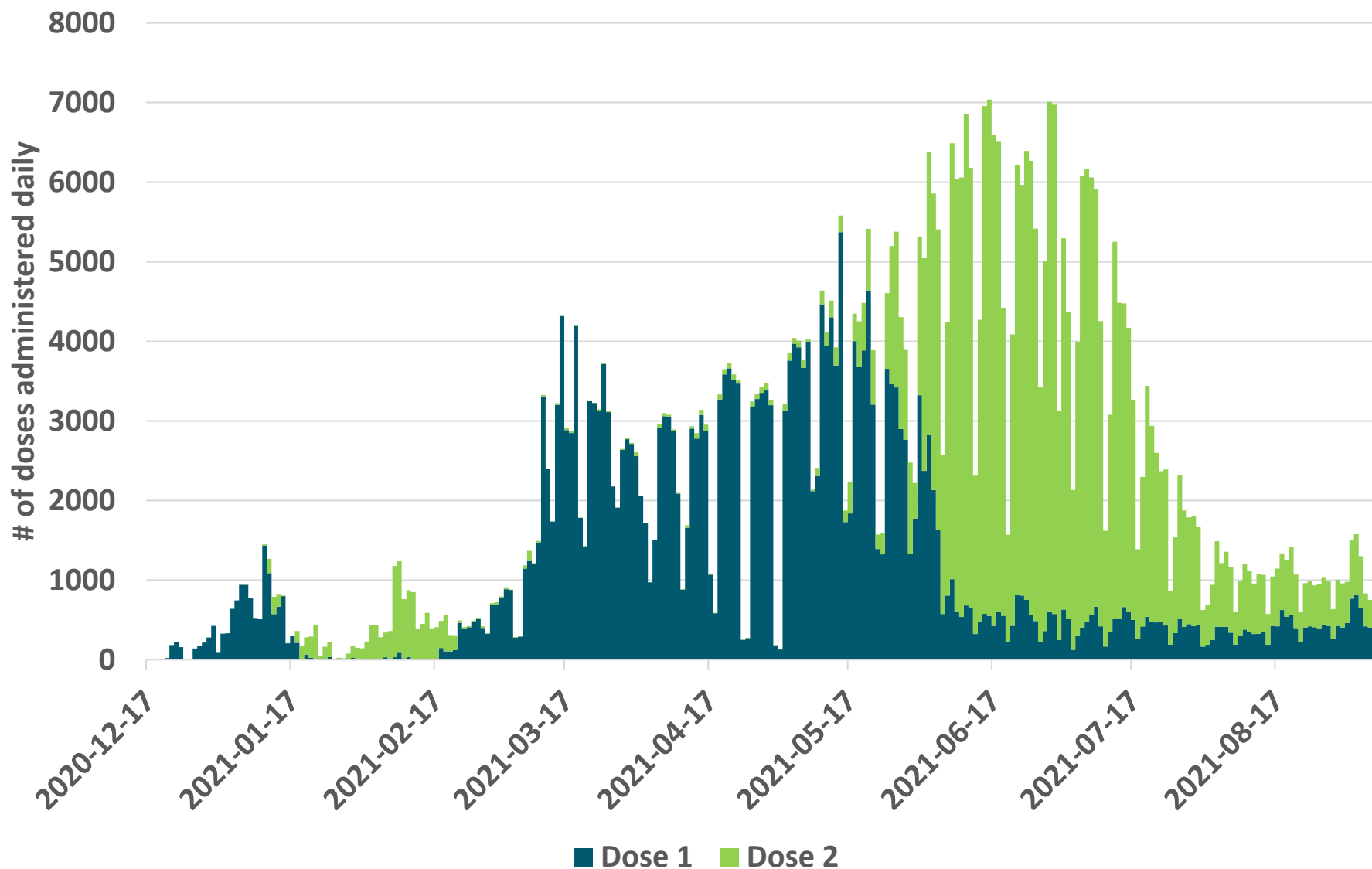
Total number of people who received all doses prescribed by the vaccination protocol, divided by the total population of the country.



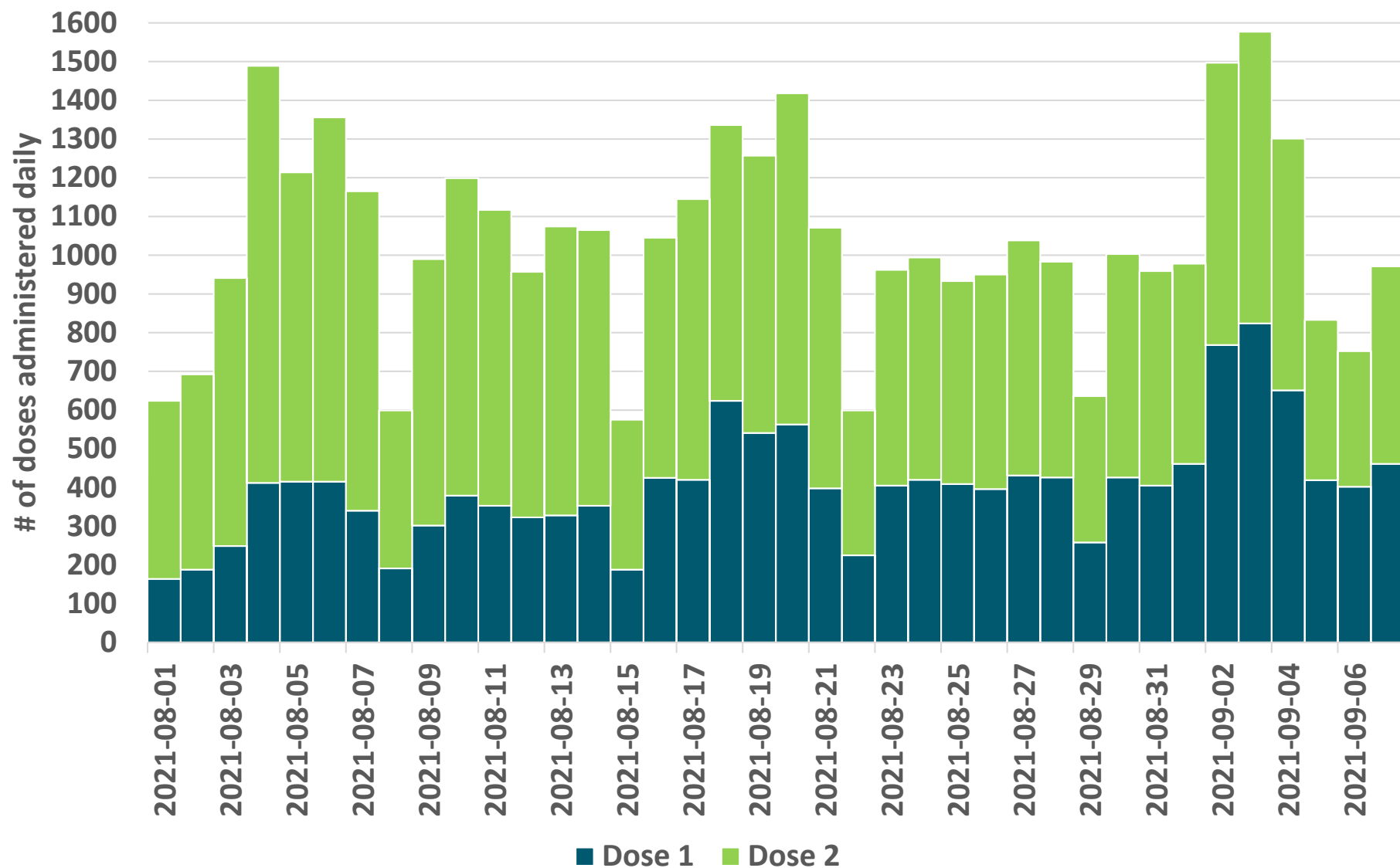
Source: Official data collated by Our World in Data. Alternative definitions of a full vaccination, e.g. having been infected with SARS-CoV-2 and having 1 dose of a 2-dose protocol, are ignored to maximize comparability between countries.

CC BY

Number of Vaccine Doses Administered Daily to Windsor-Essex Residents

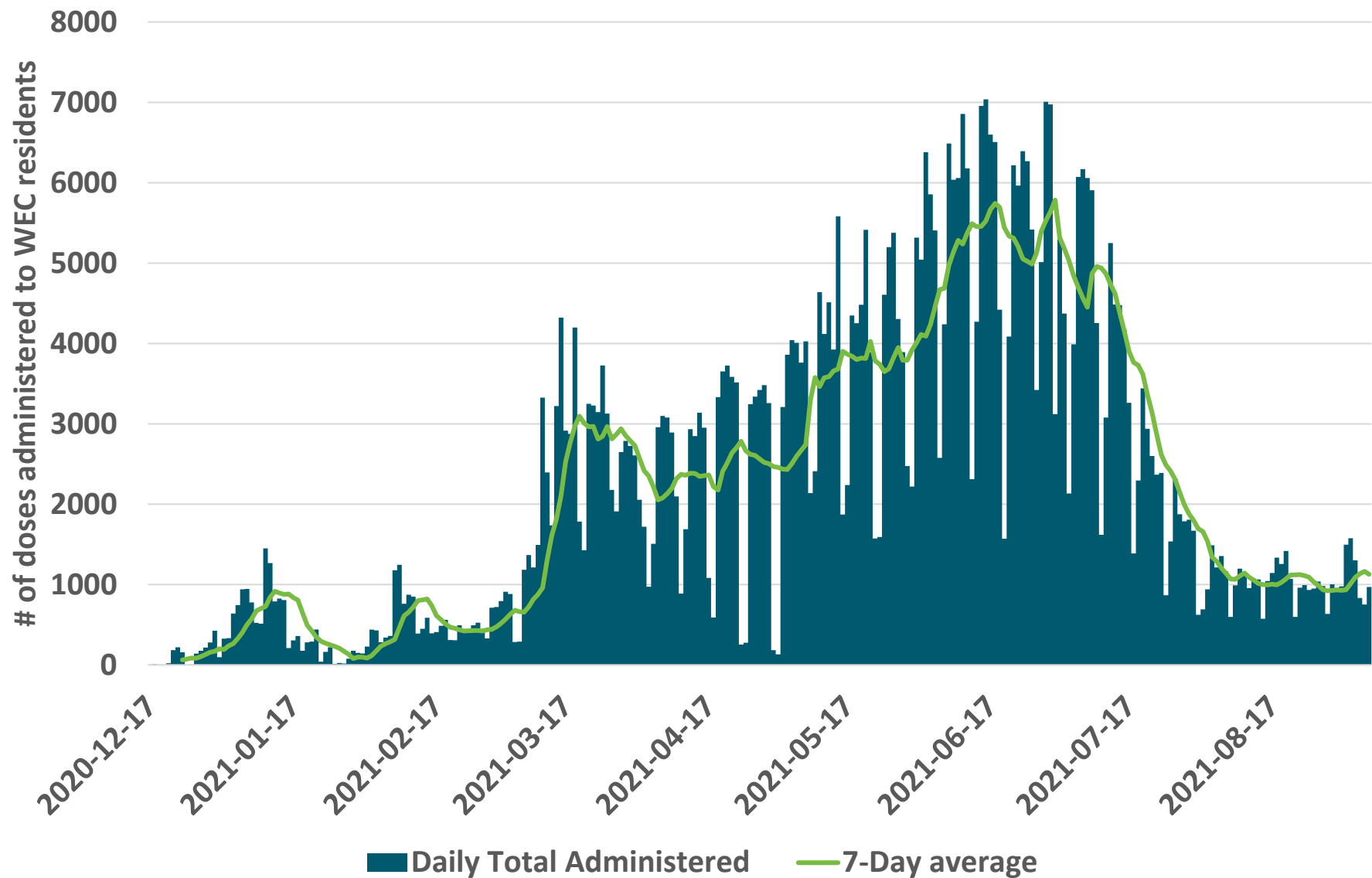


Number of Vaccine Doses Administered Daily to Windsor-Essex Residents (August to Present)

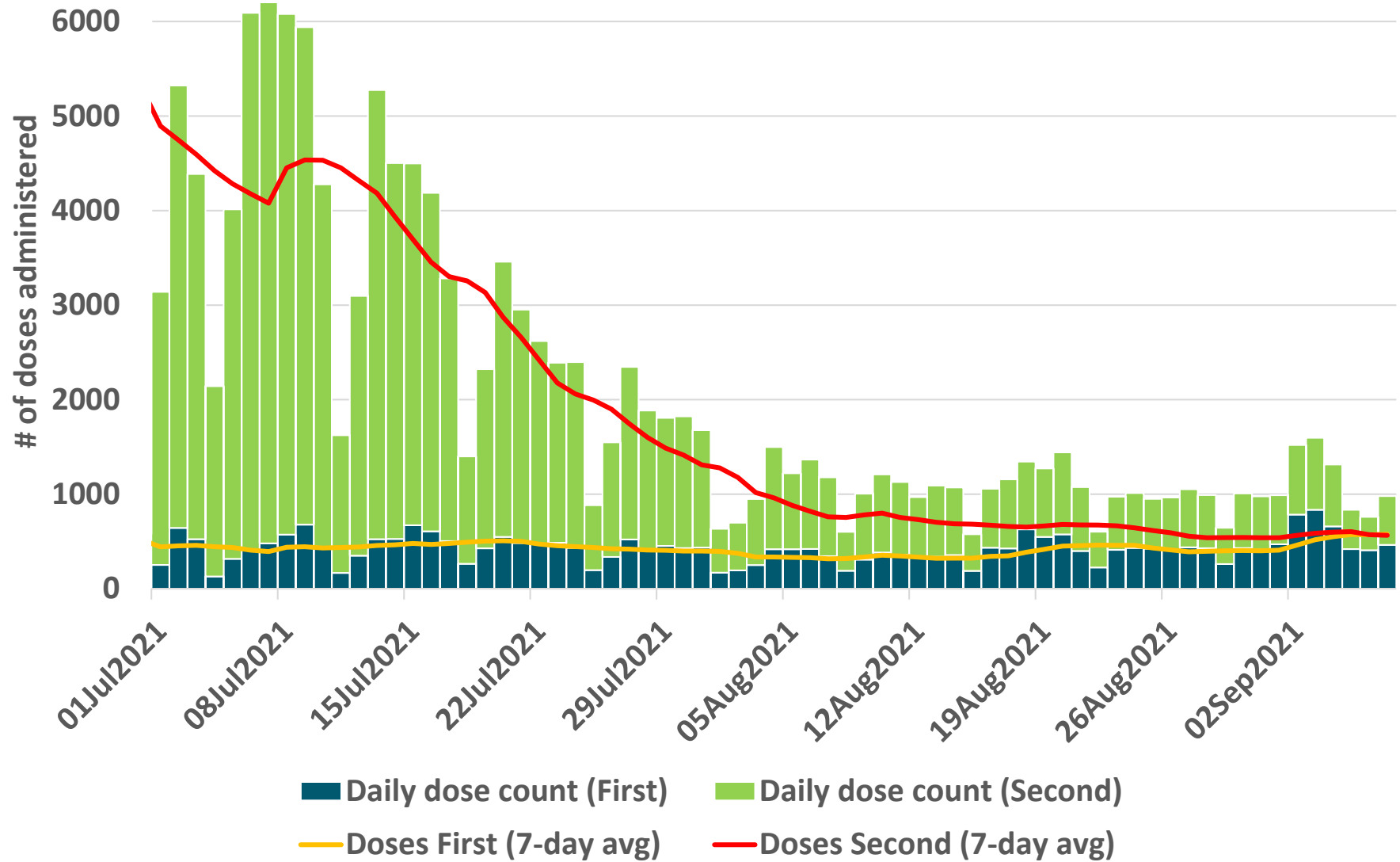


2021-09-24

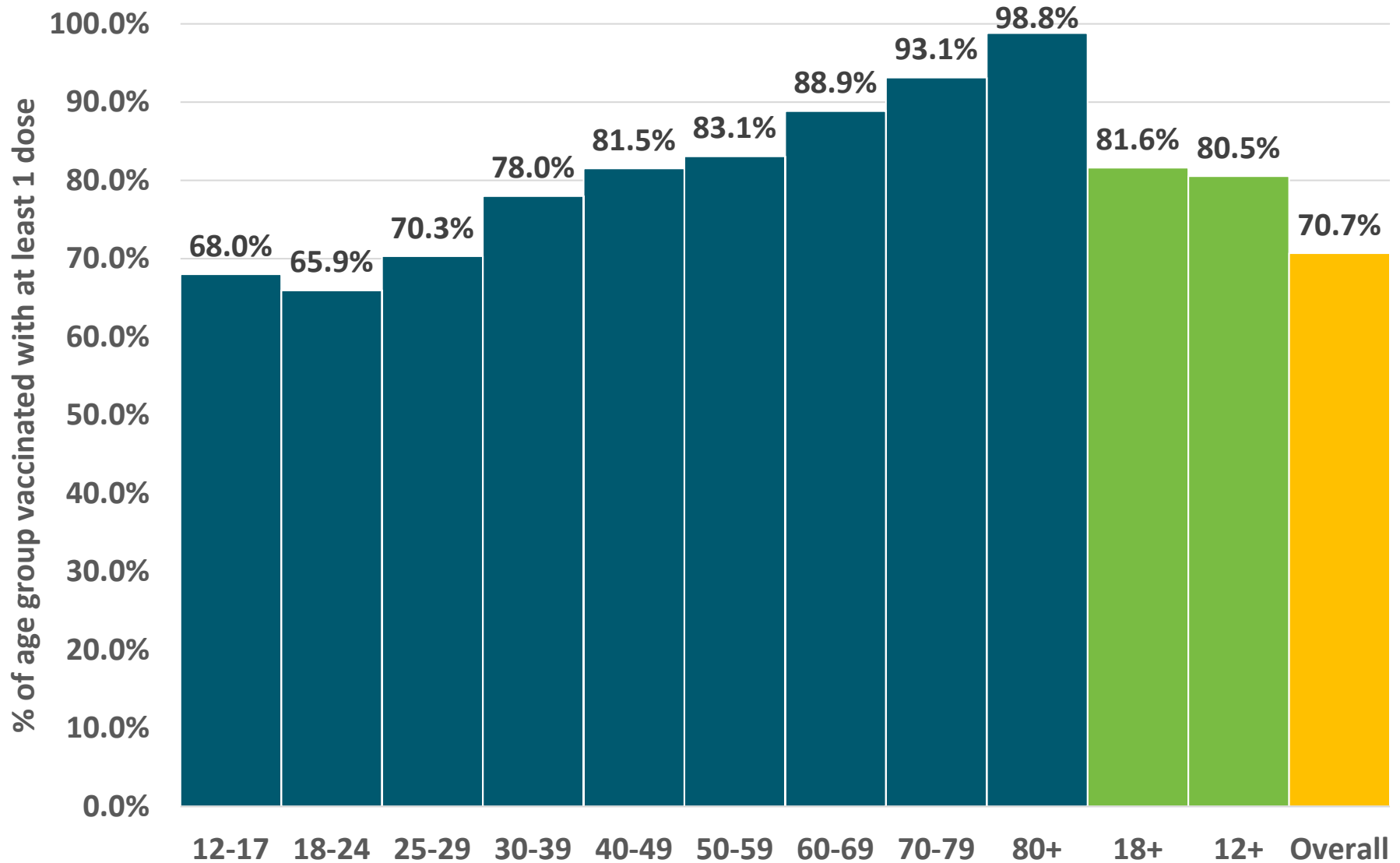
Daily Doses Administered to Windsor-Essex Residents



Daily Doses Administered in Windsor-Essex by Dose (July-Present)

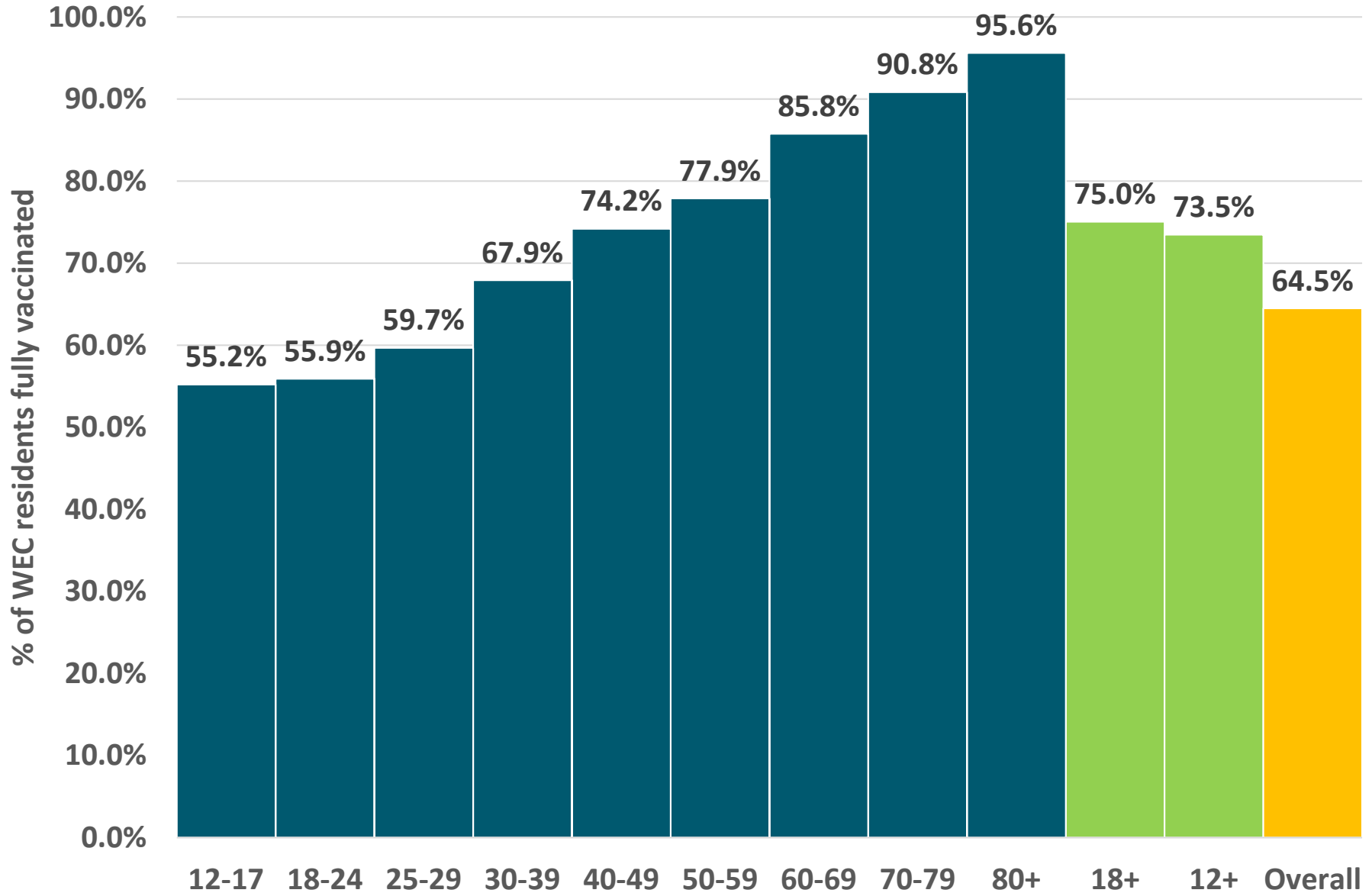


WEC Residents Vaccinated With At Least One Dose by Age Group



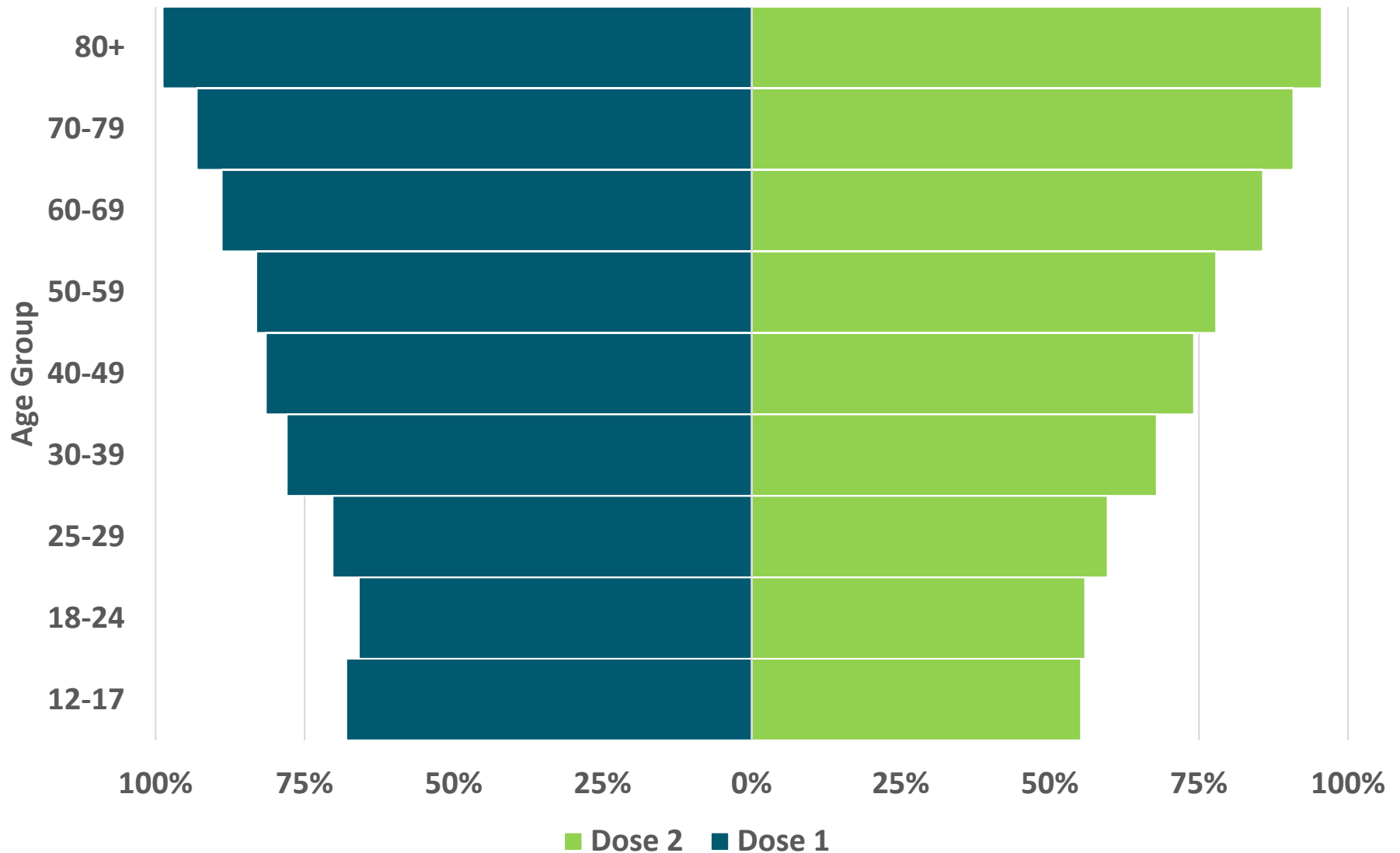
2021-09-24

WEC Residents Fully Vaccinated by Age Group

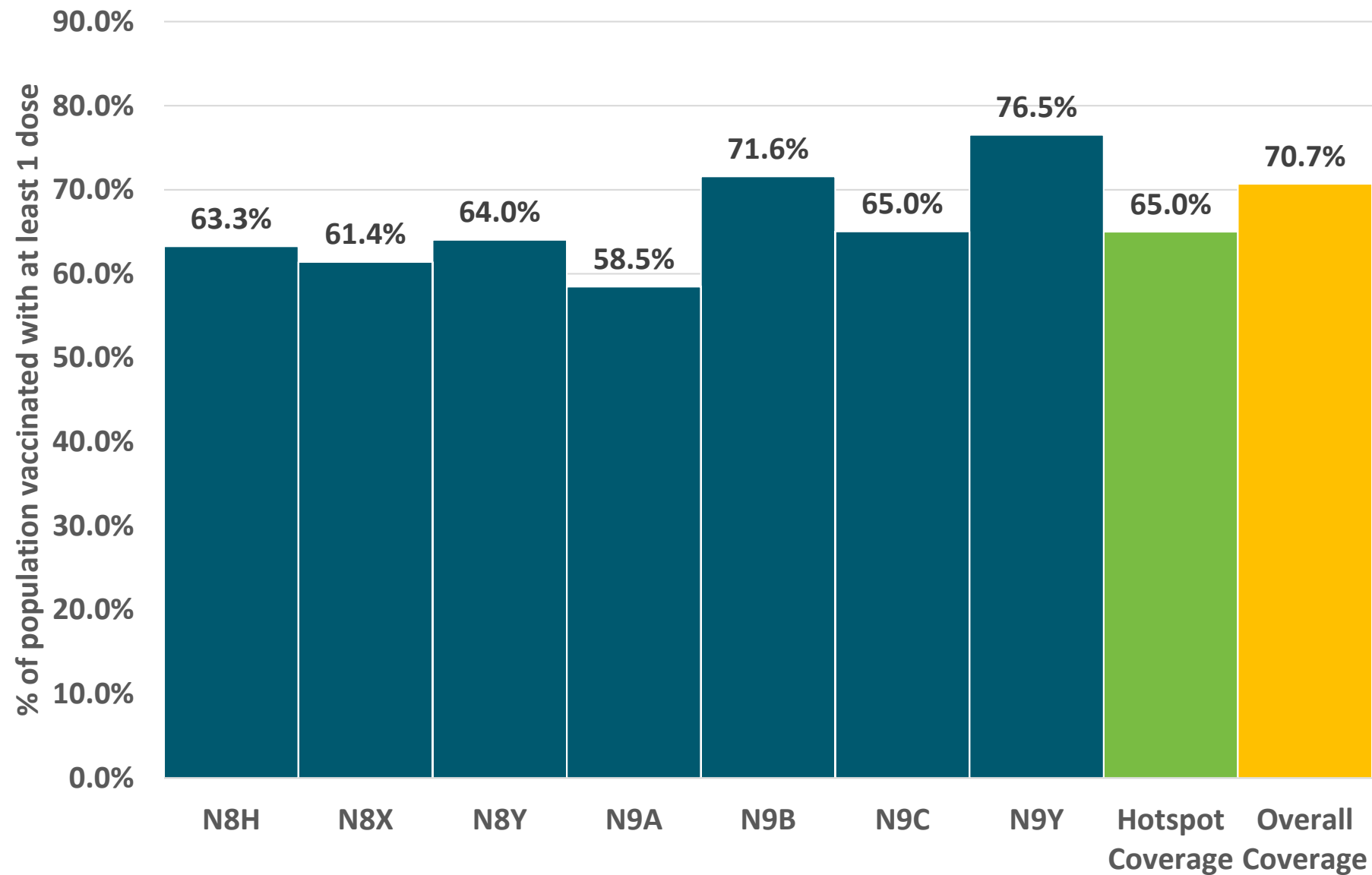


2021-09-24

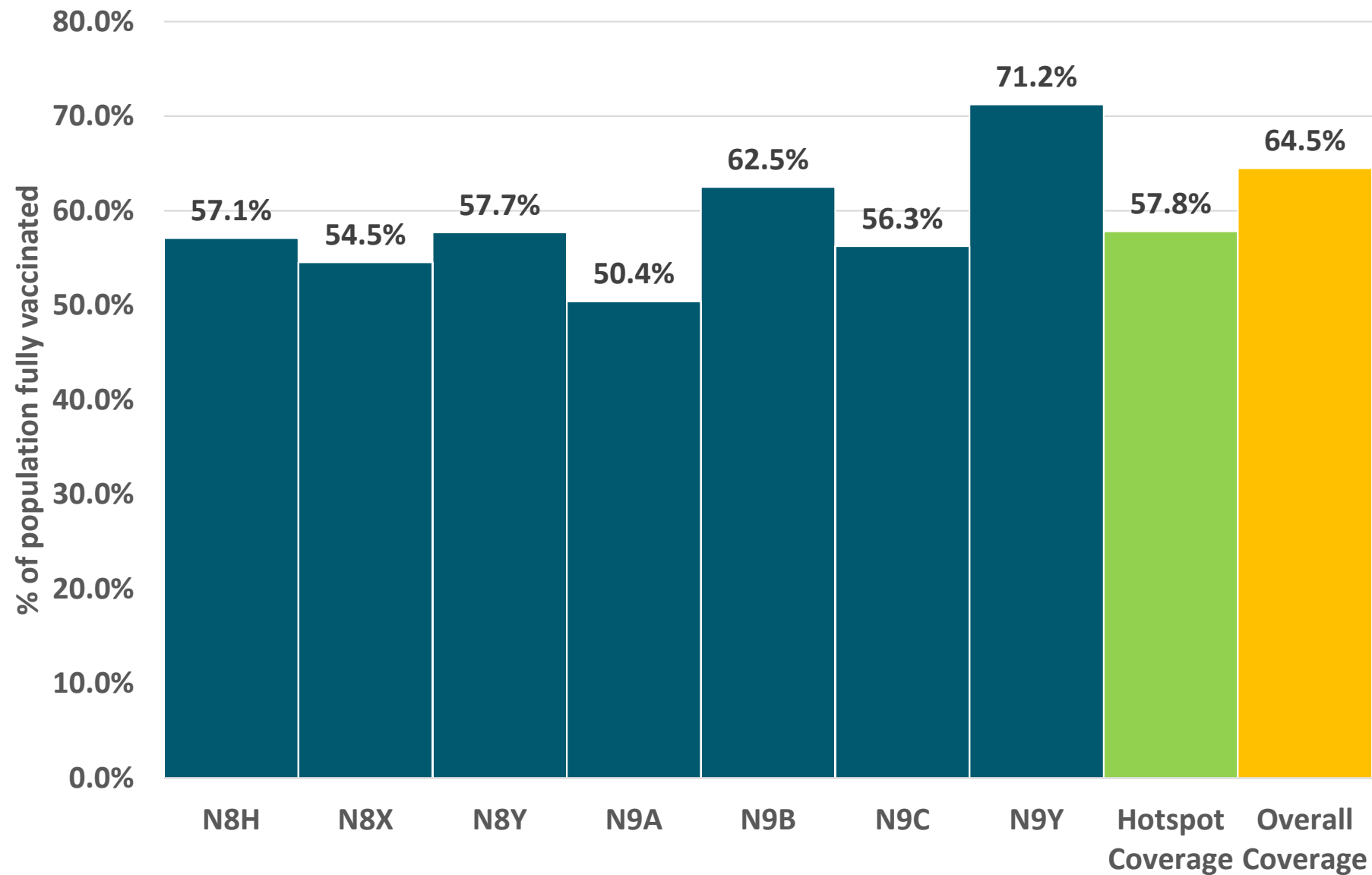
First and Second Dose Coverage Rate by Age Group in Windsor-Essex



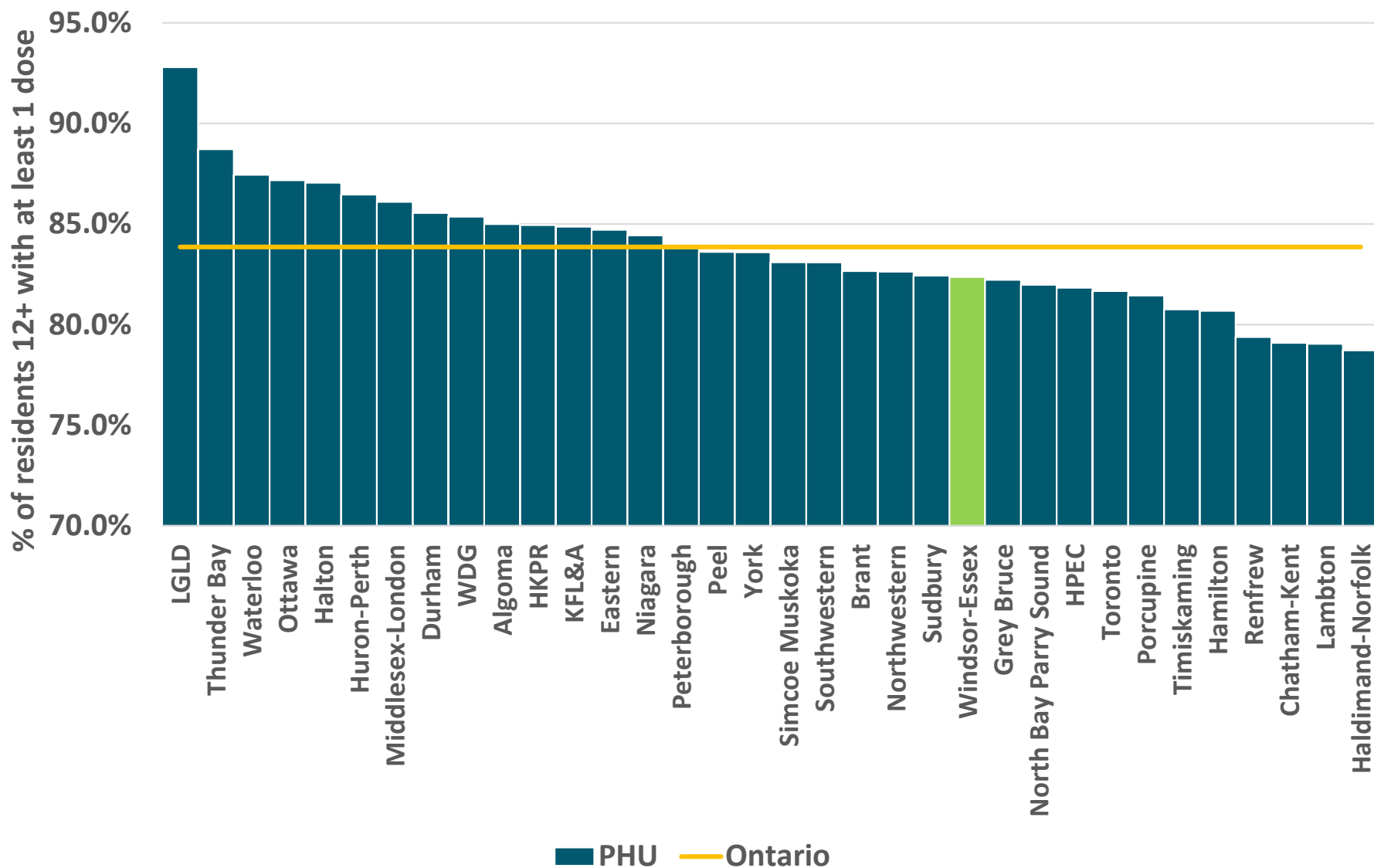
Vaccine Coverage in WEC Hotspots With at Least 1 Dose Administered (all residents including children)



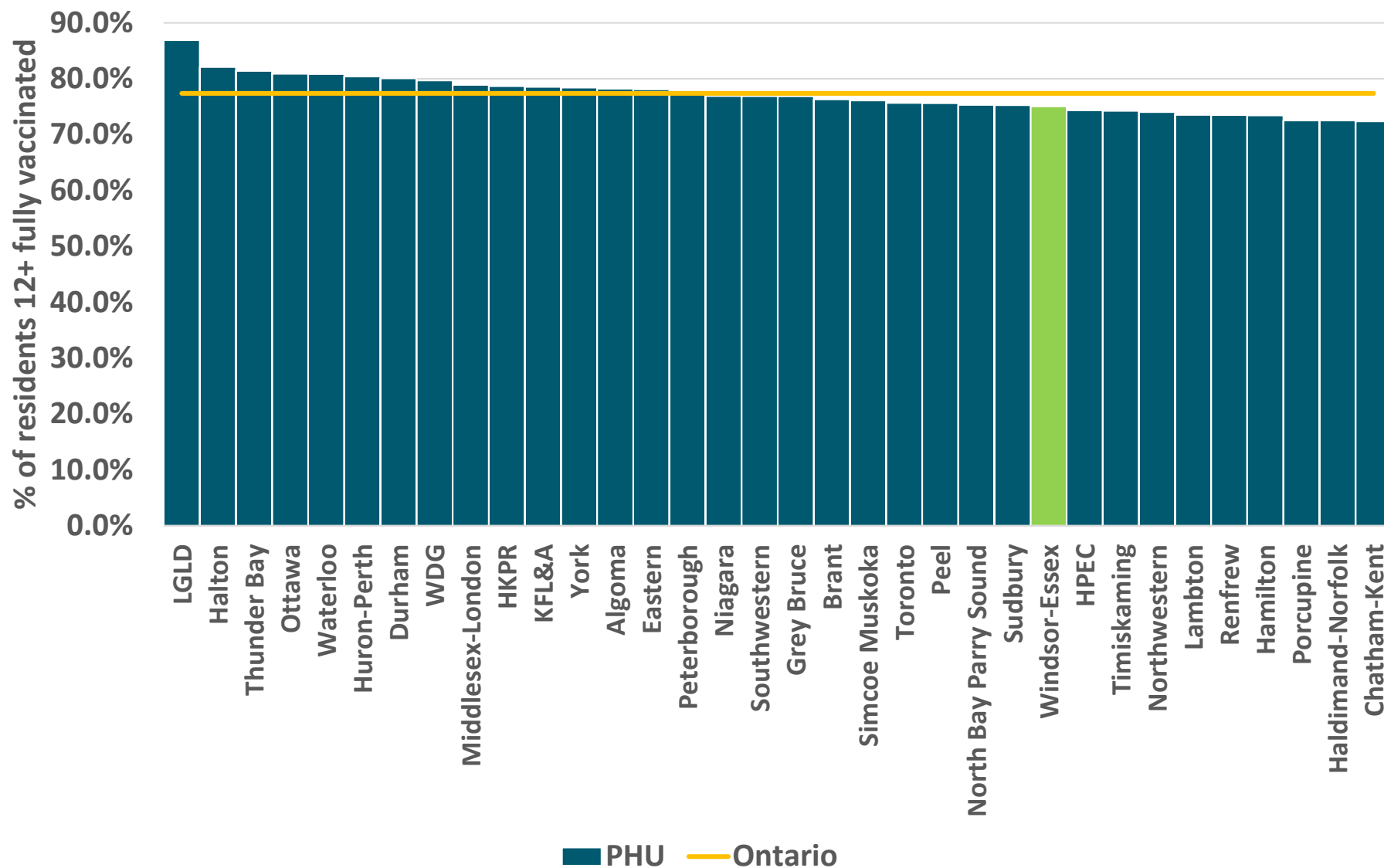
Fully Vaccinated Coverage Rates in Hotspots Within Windsor-Essex County (all residents including children)



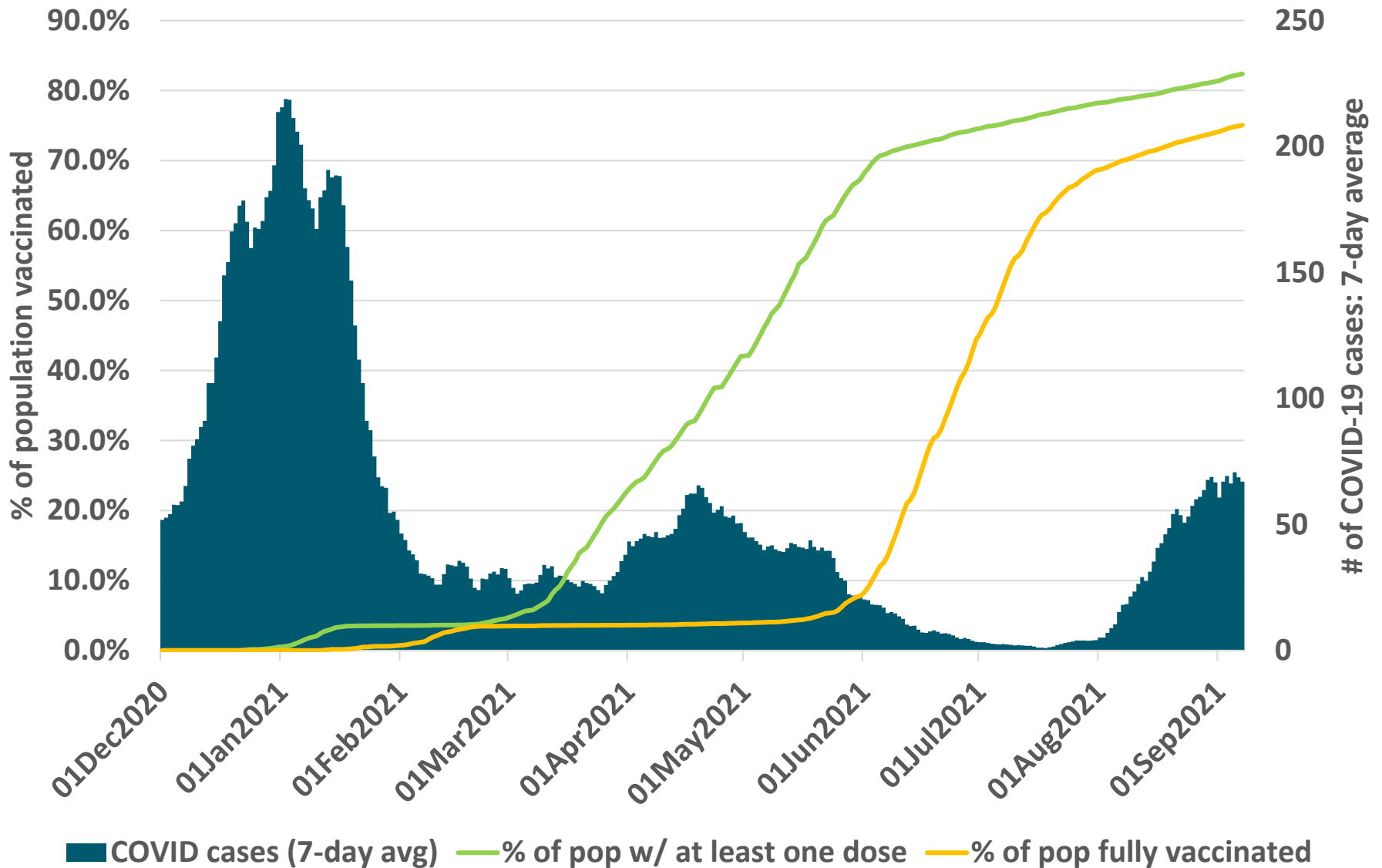
Percentage of Residents 12+ With At Least 1 Dose by Public Health Unit



Percentage of Residents 12+ Fully Vaccinated by Public Health Unit



COVID-19 Vaccination Coverage Rates (12+) Versus COVID-19 Cases (7-Day Average)



Summary: (2)

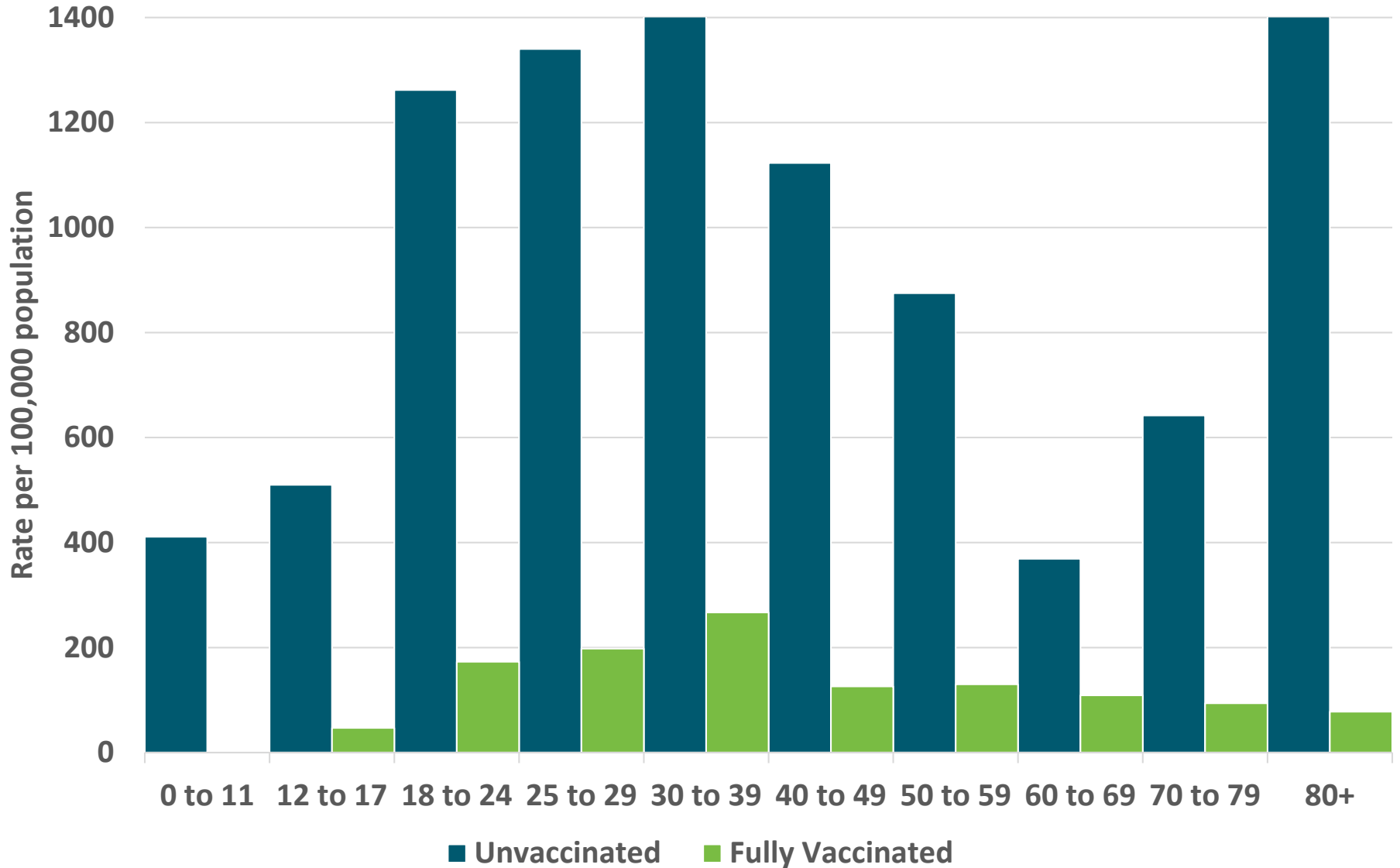
The risk of COVID-19 infection among those unvaccinated is

5.76

times higher than it is for those fully vaccinated

Vaccination Status	Rate of COVID-19 (per 100,000 population)
Unvaccinated	793.7 cases per 100,000 population
Fully Vaccinated	137.8 cases per 100,000 population

Rate of COVID-19 by Age Group and Vaccine Status (August 9 to September 5)



2021-09-24

Summary:

- Case rates in WEC has continue to increase again this past week
- Wastewater surveillance data corresponds with the case rates
- COVID-19 related hospitalization and ICU admissions are increasing.
- First and second dose administration has increased this past week.