



COVID-19 *LIVE UPDATE*

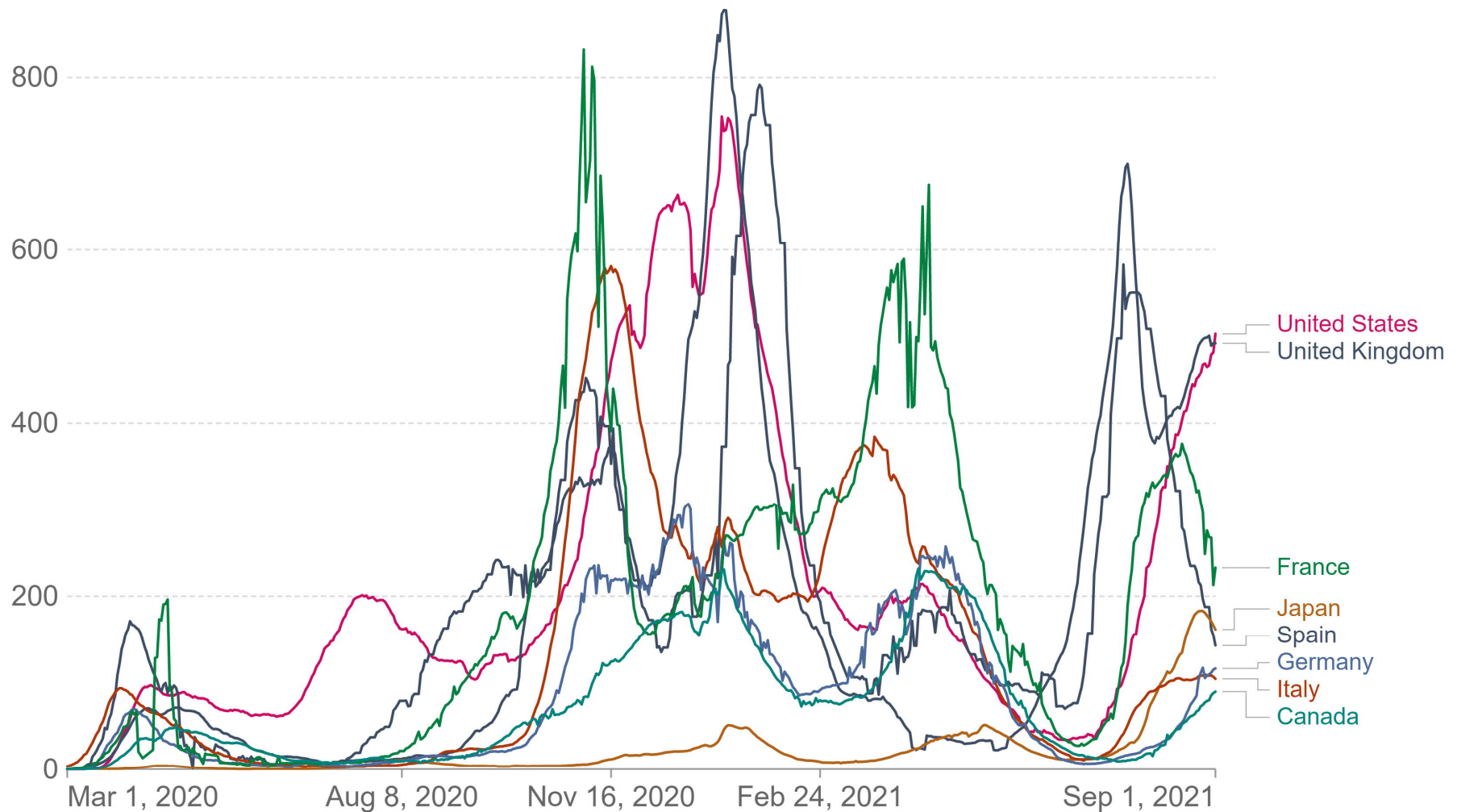
September 3, 2021

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.

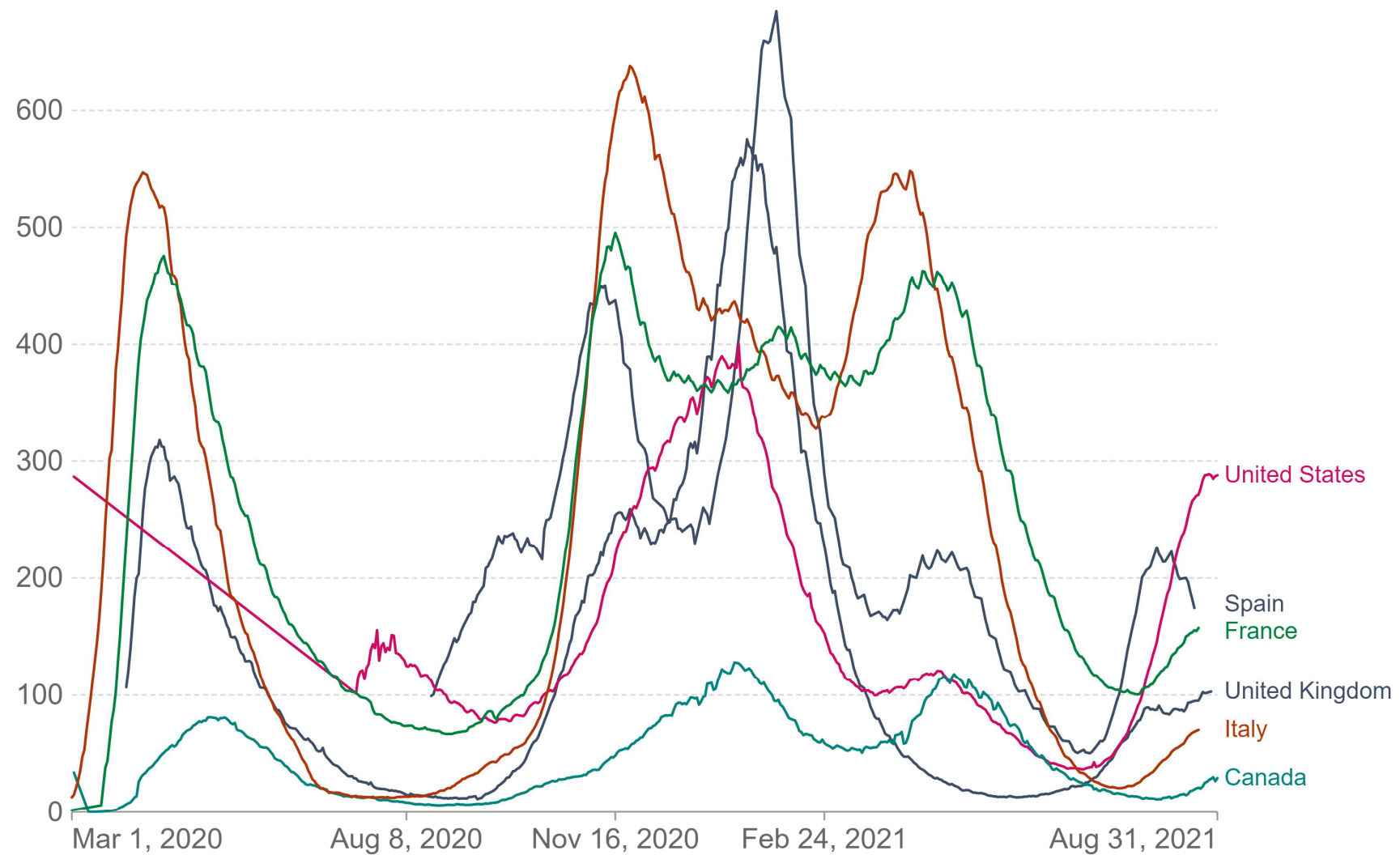


Source: Johns Hopkins University CSSE COVID-19 Data

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Number of COVID-19 patients in hospital per million people

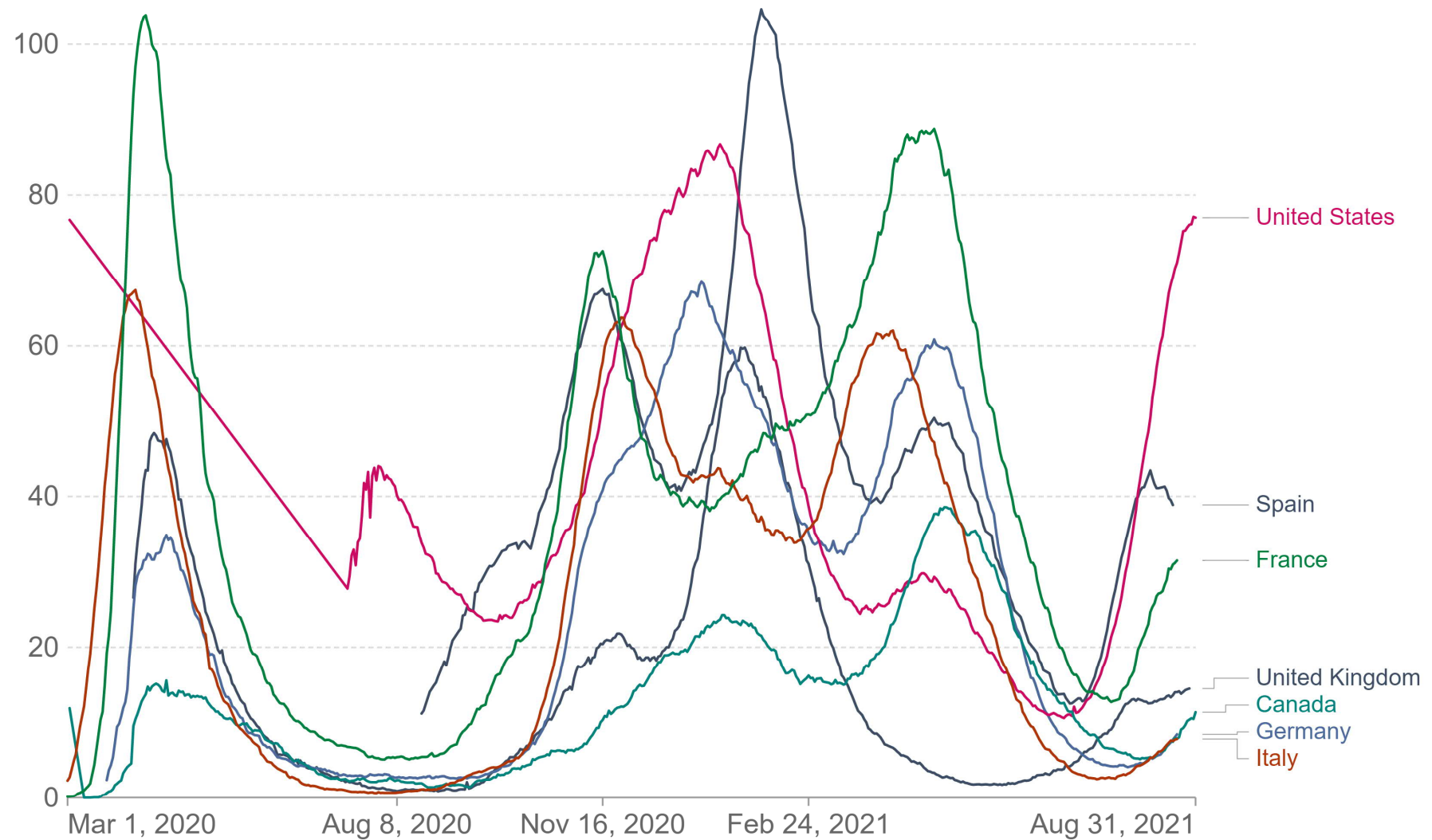


Source: Official data collated by Our World in Data

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



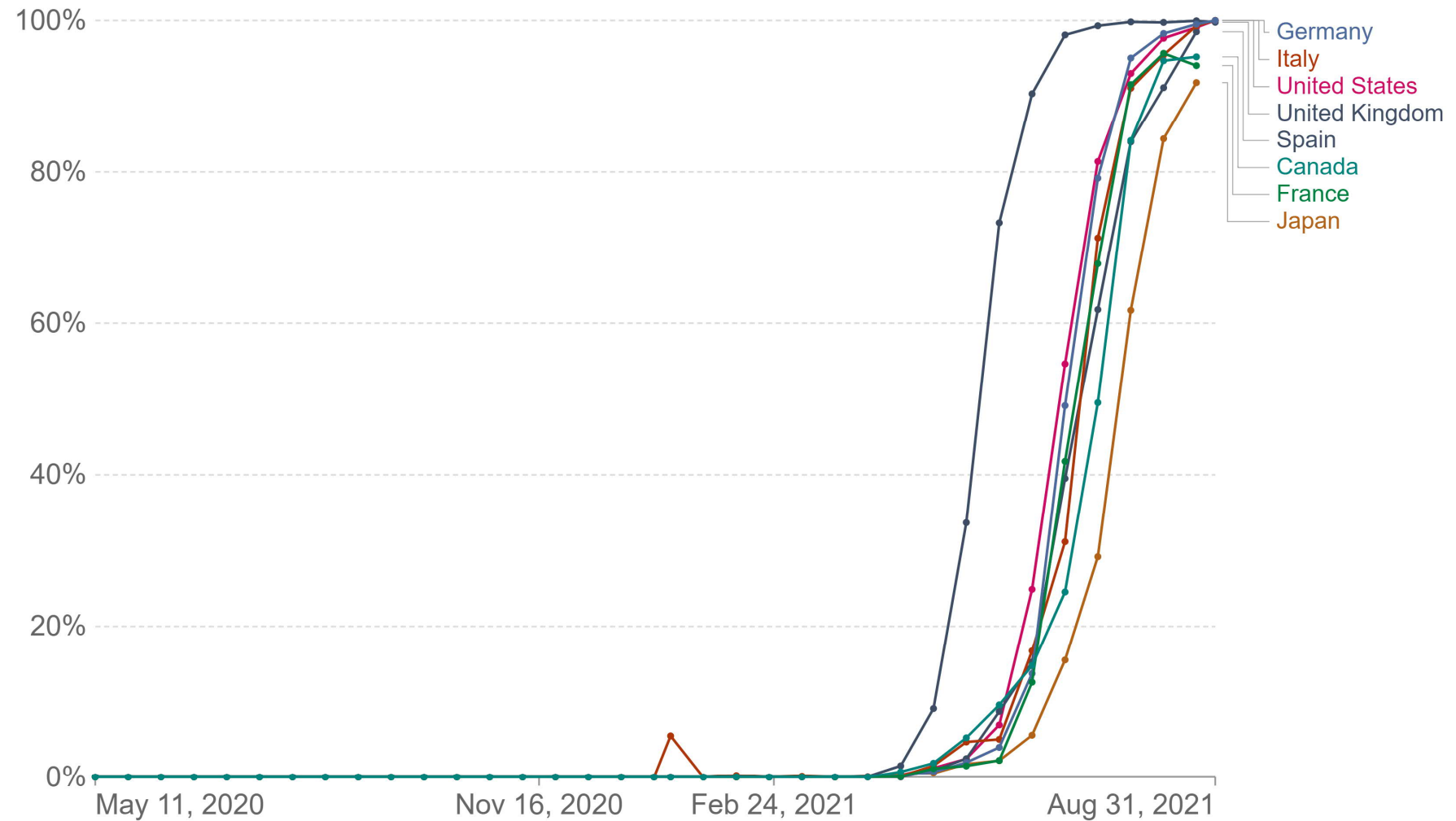
Source: Official data collated by Our World in Data

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Share of SARS-CoV-2 sequences that are the delta variant

Our World
in Data

Shown is the delta variant's share of total analyzed sequences in the last two weeks. This share may not reflect the complete breakdown of cases, since only a fraction of all cases are sequenced.



Source: CoVariants.org and GISAID

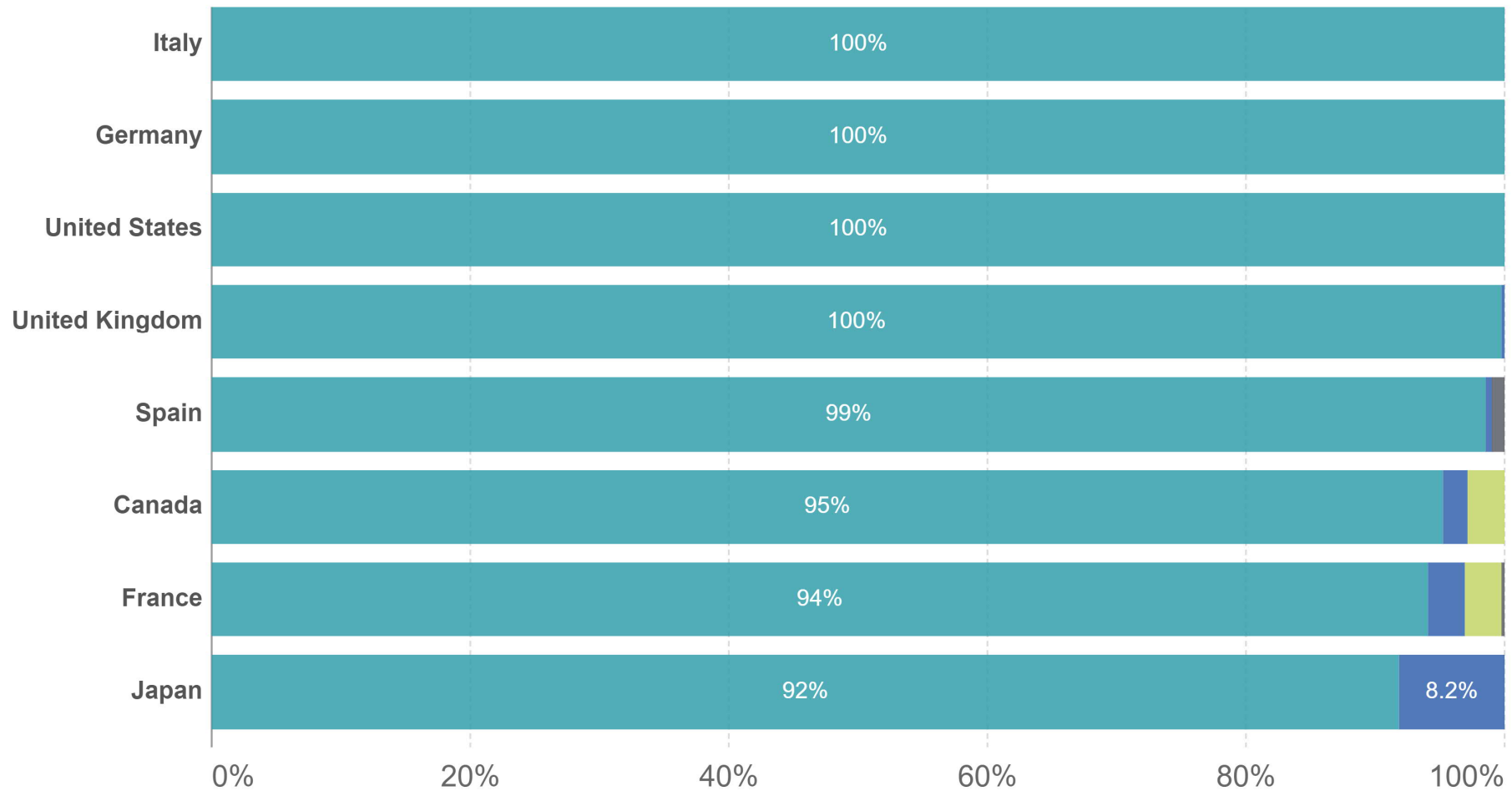
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SARS-CoV-2 sequences by variant

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

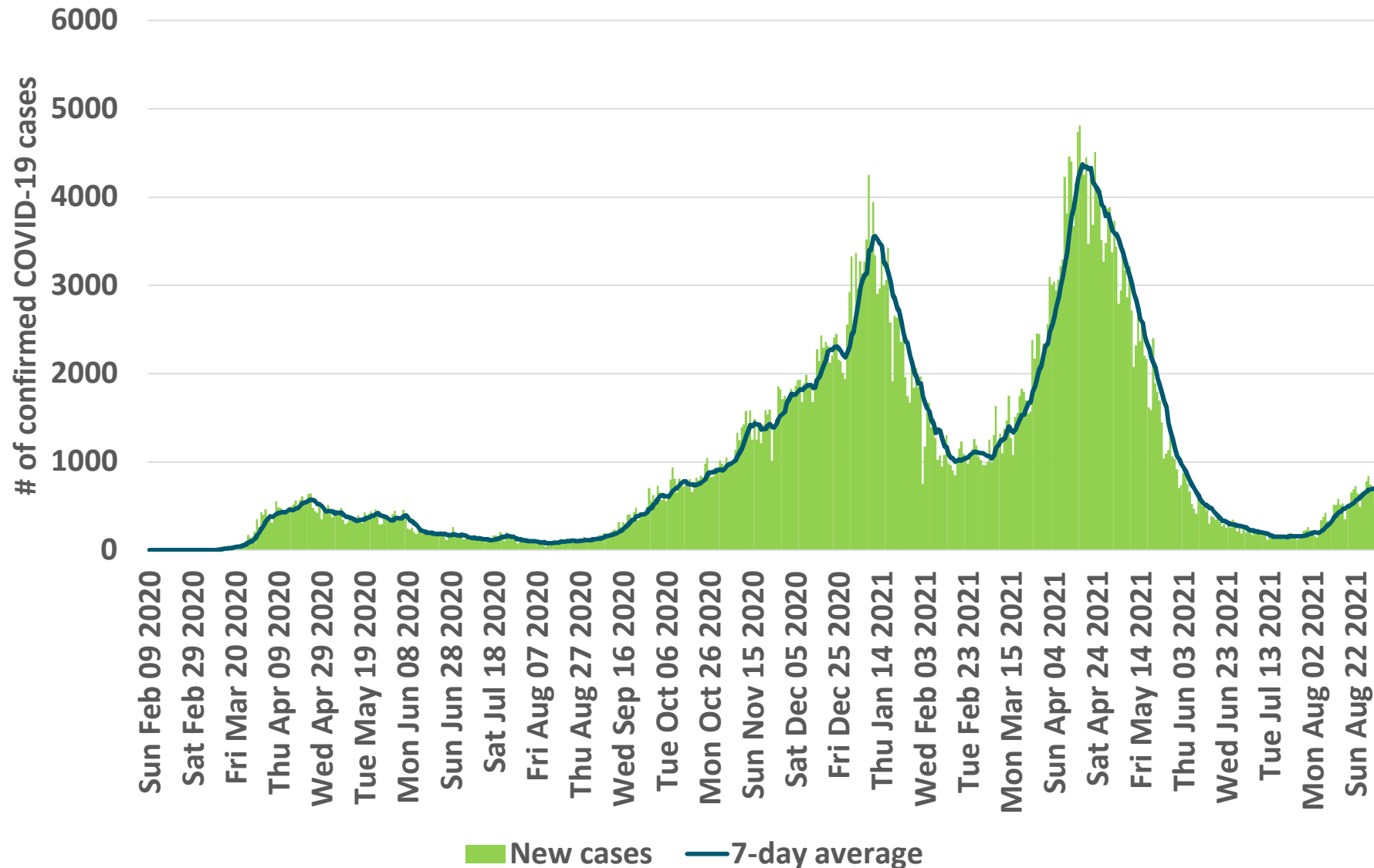


Source: CoVariants.org and GISAID

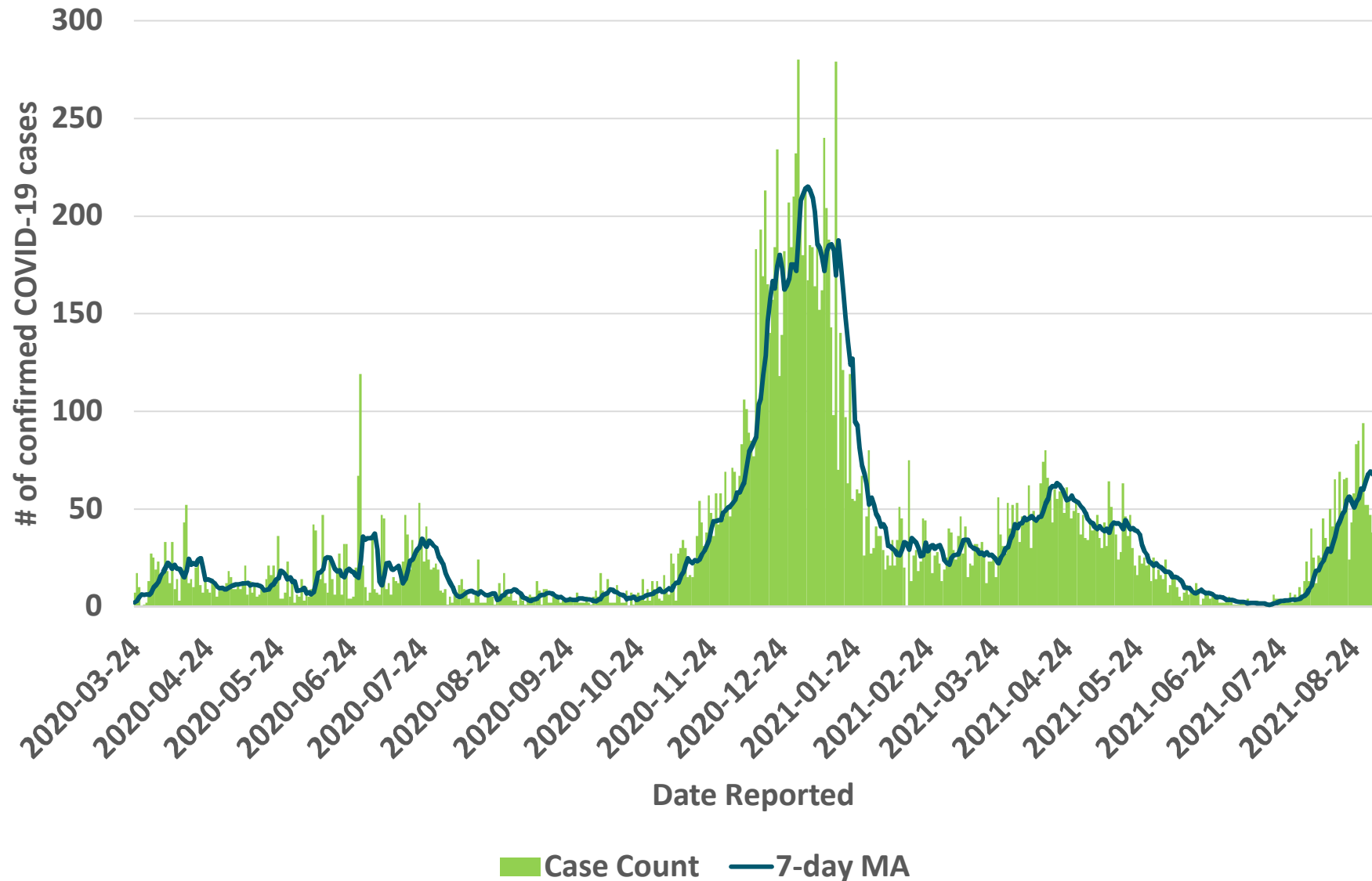
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Number of Cases in Ontario (Daily New cases and 7-day average)

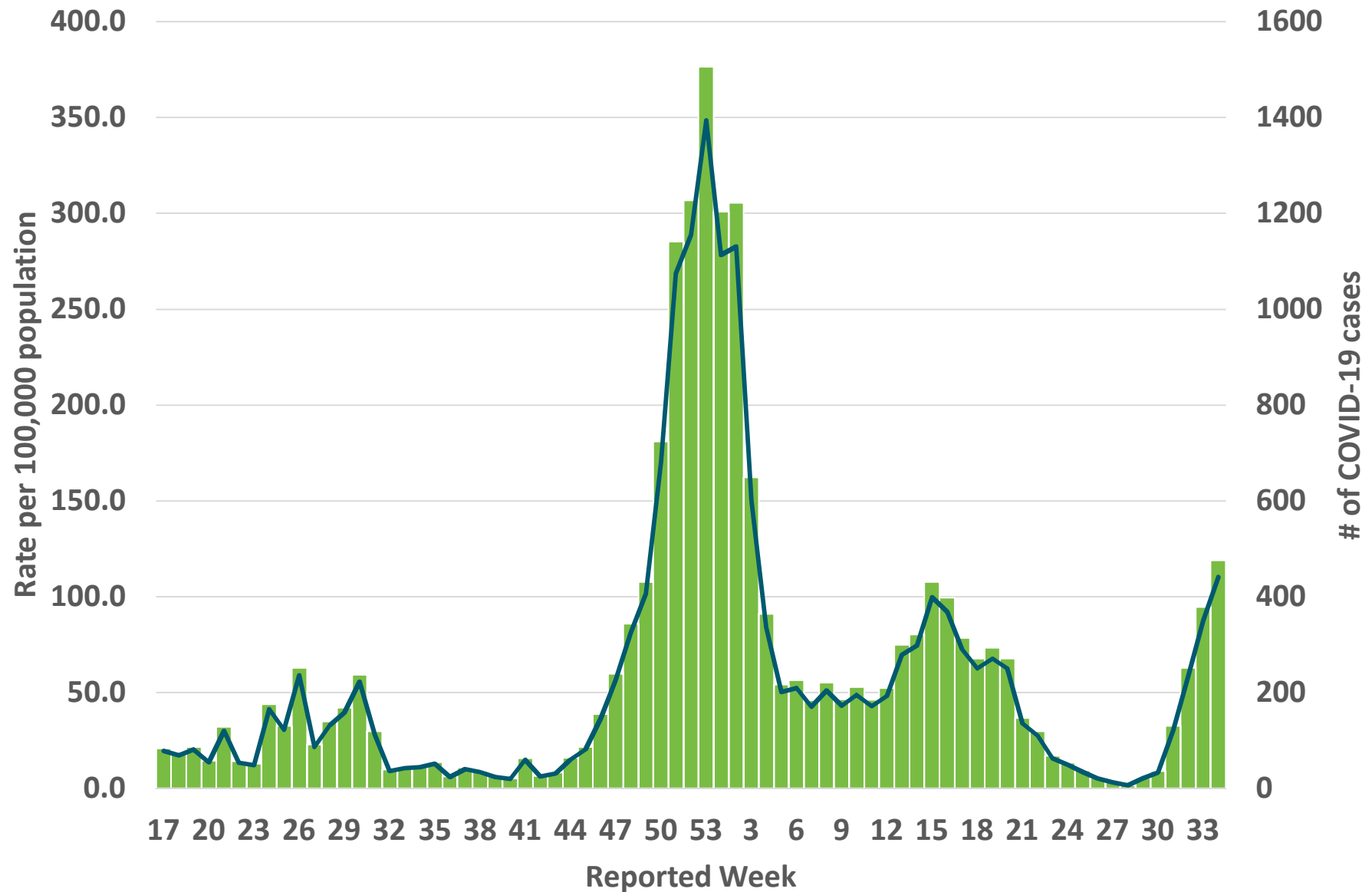


Epidemic Curve by Reported Date in Windsor-Essex



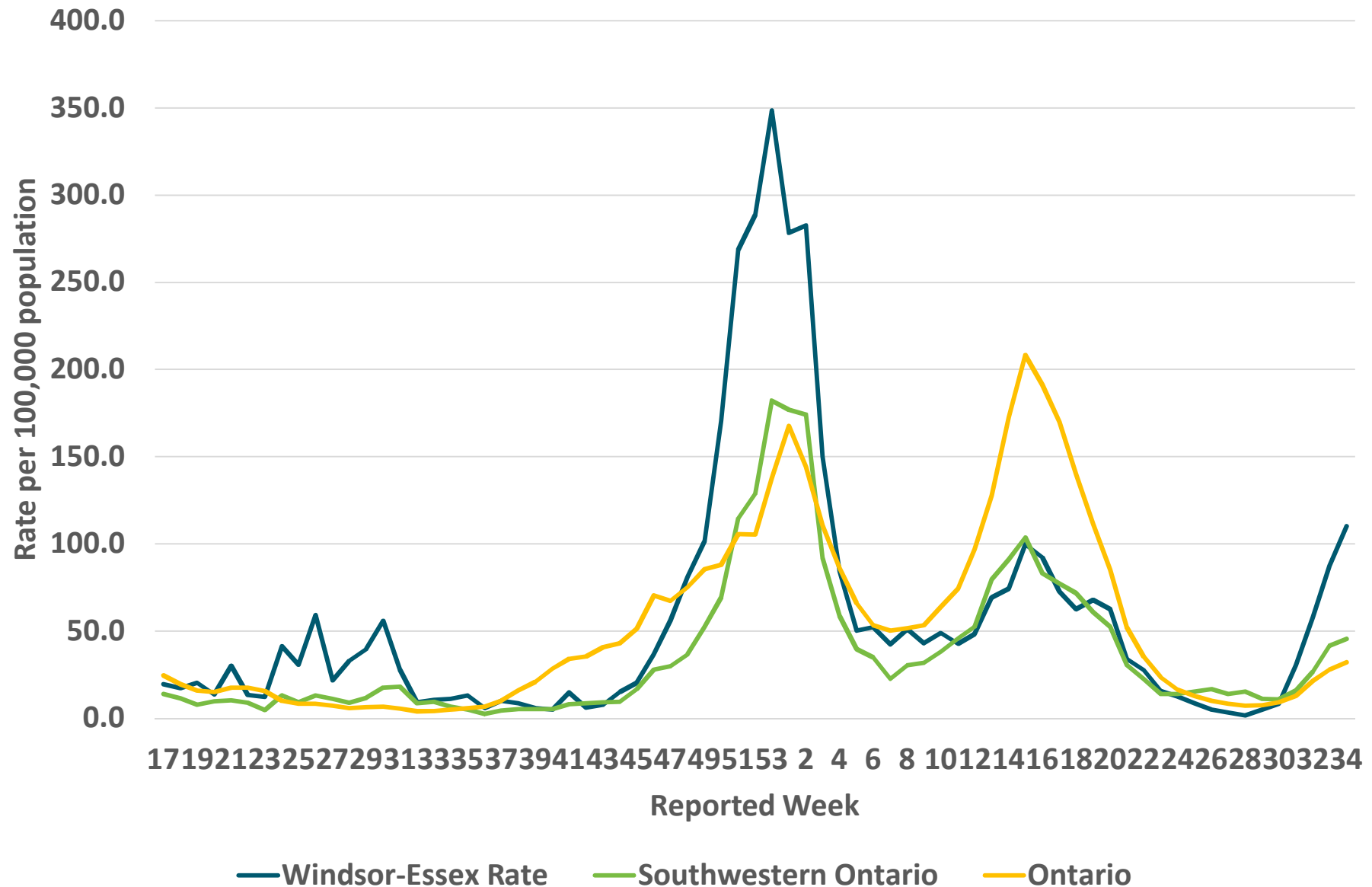
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Windsor-Essex Rate by Reported Week

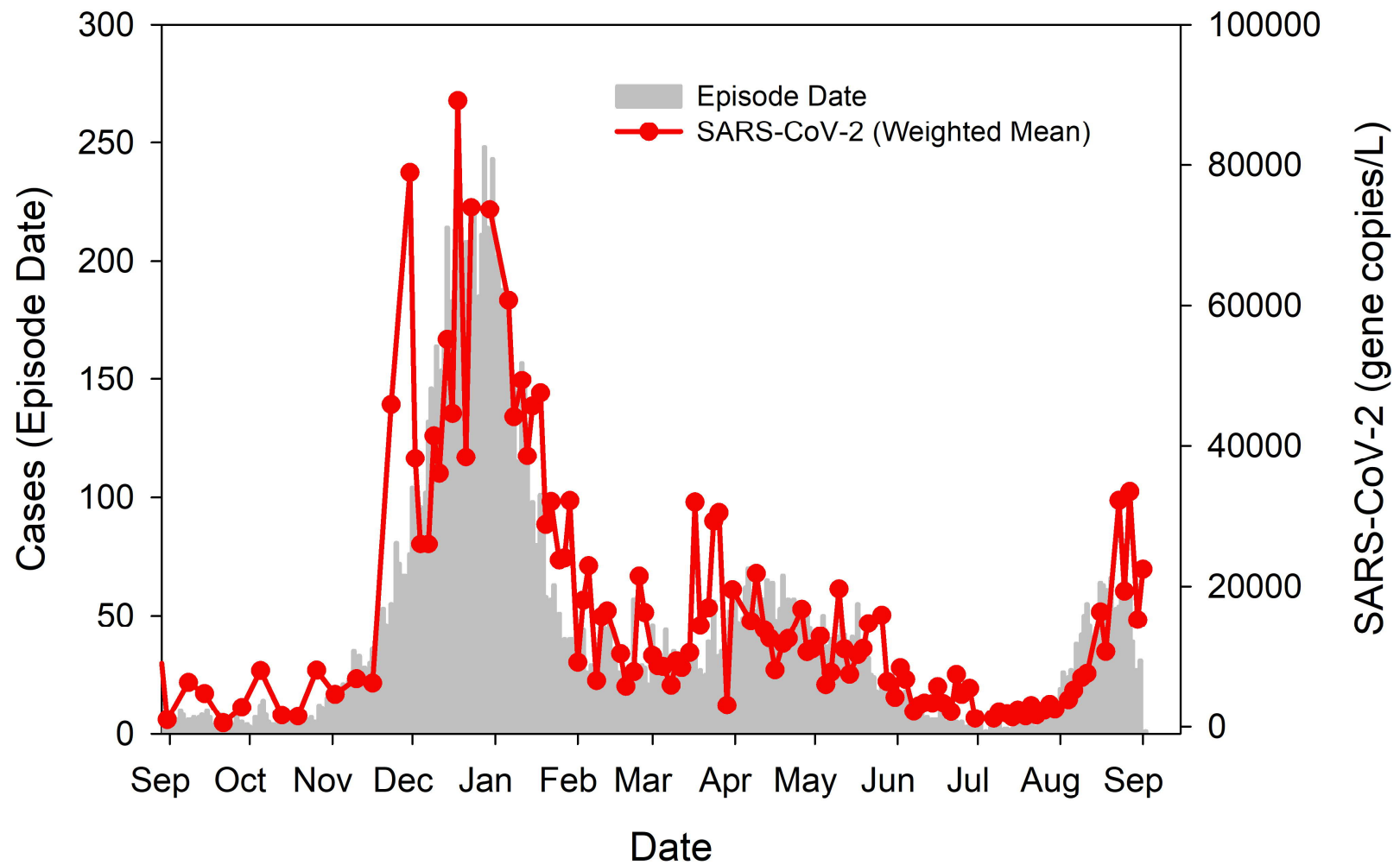


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Weekly Comparison of Rates in Ontario



Windsor-Essex Wastewater Data



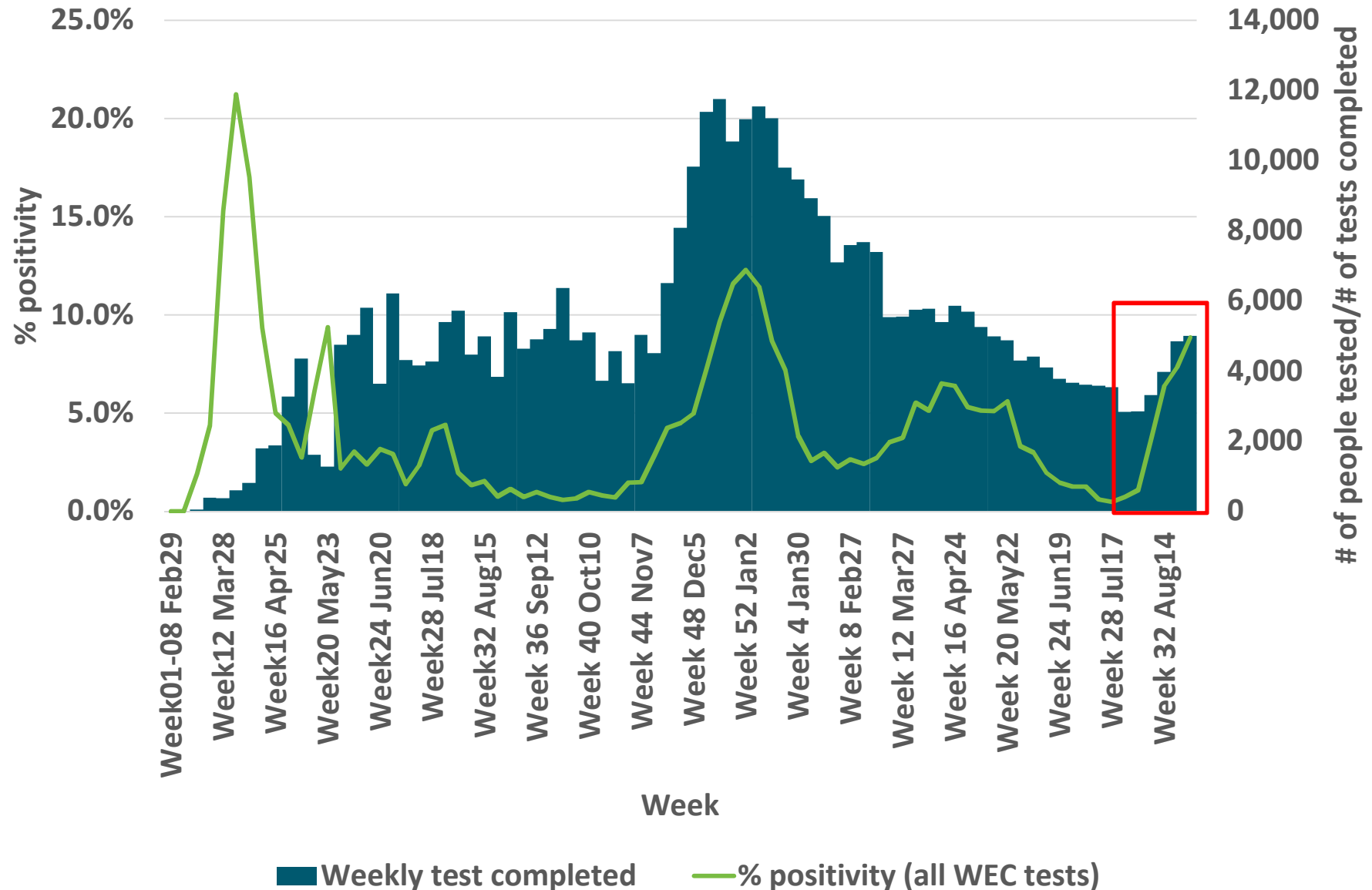
GLIER
GREAT LAKES INSTITUTE FOR
ENVIRONMENTAL RESEARCH
at the University of Windsor



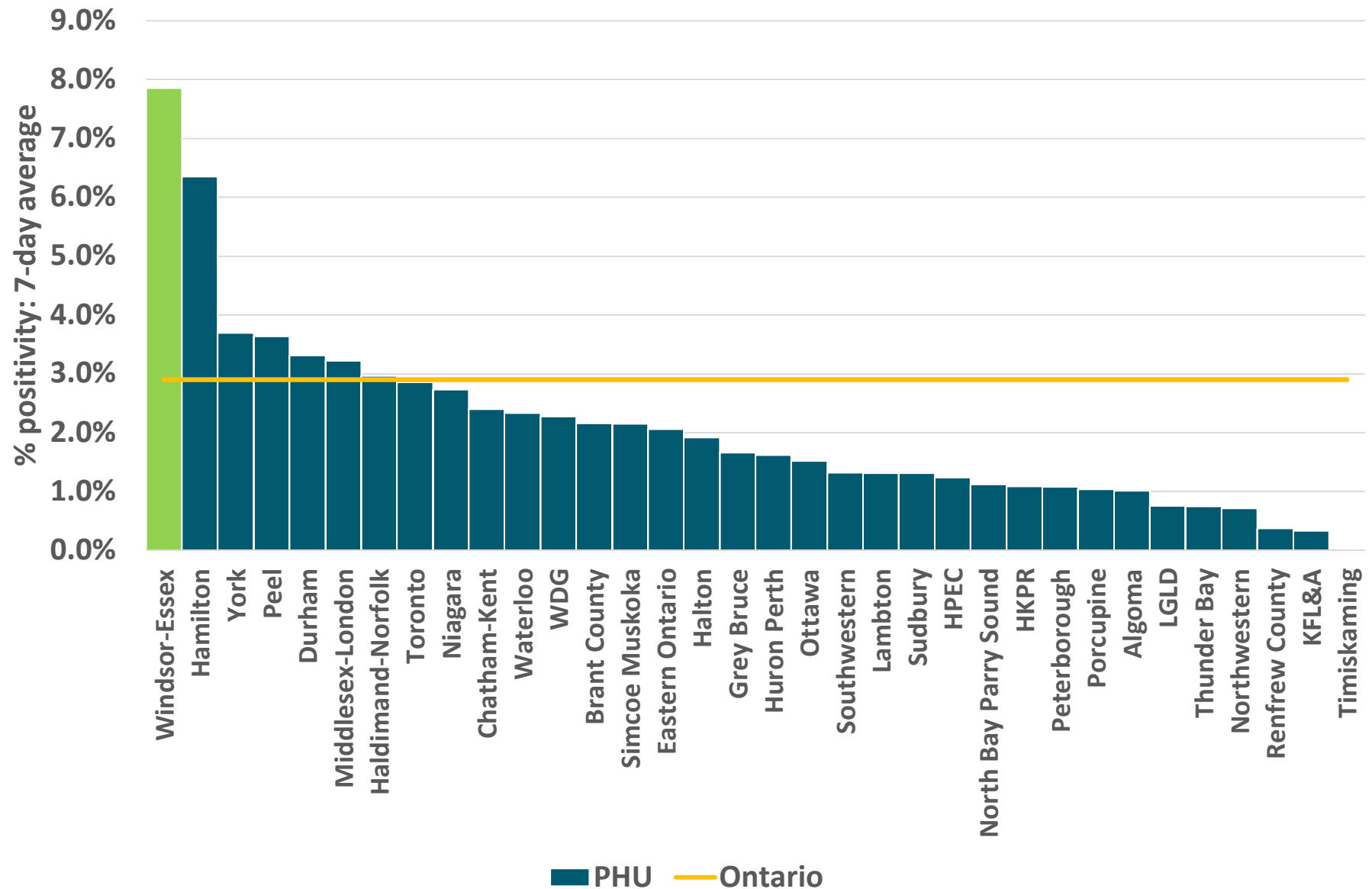
University
of Windsor

uwindsor.ca/GLIER

Percent Positivity by Week by All Tests

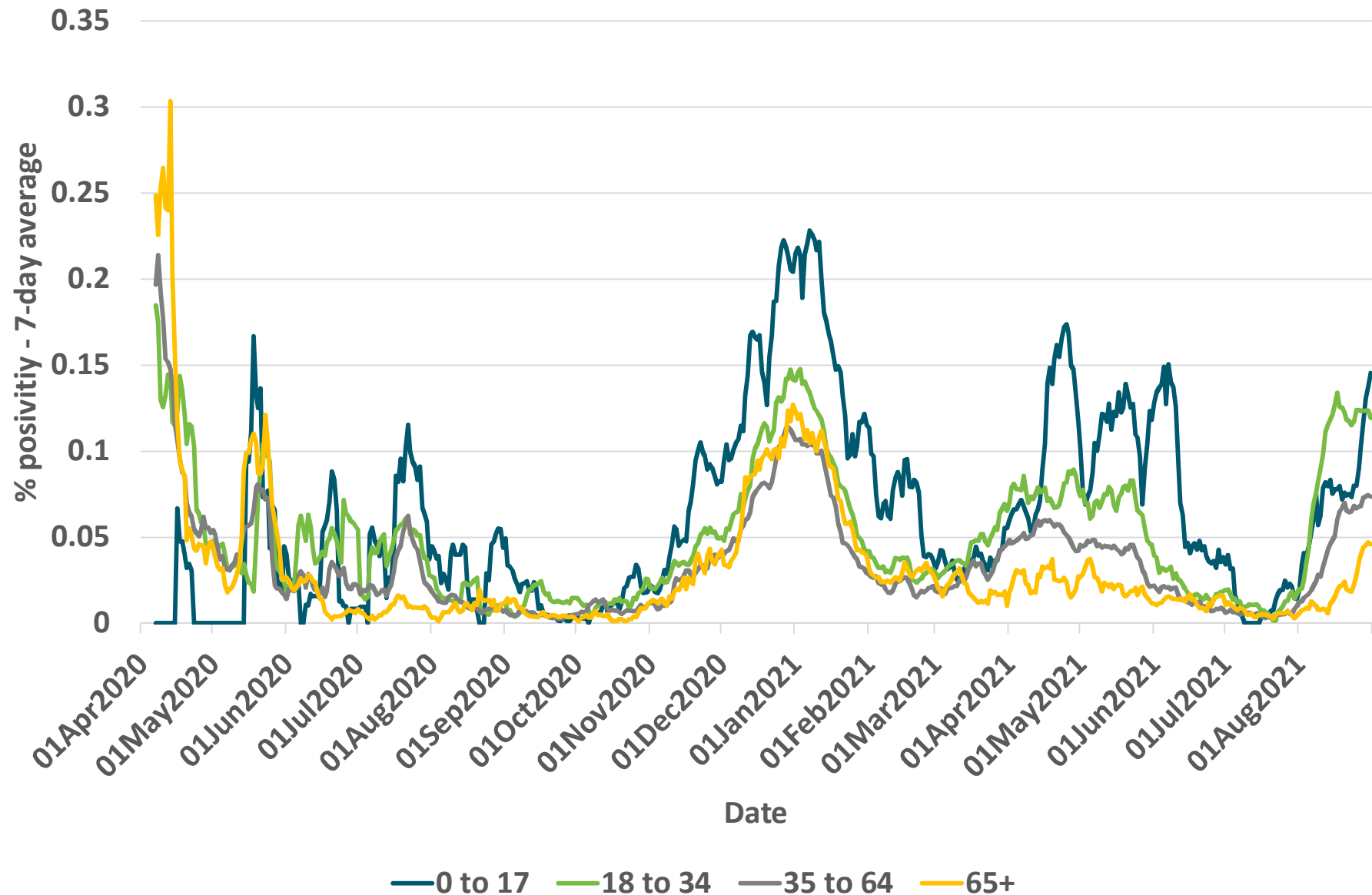


% Positivity in Ontario: 7-Day Average



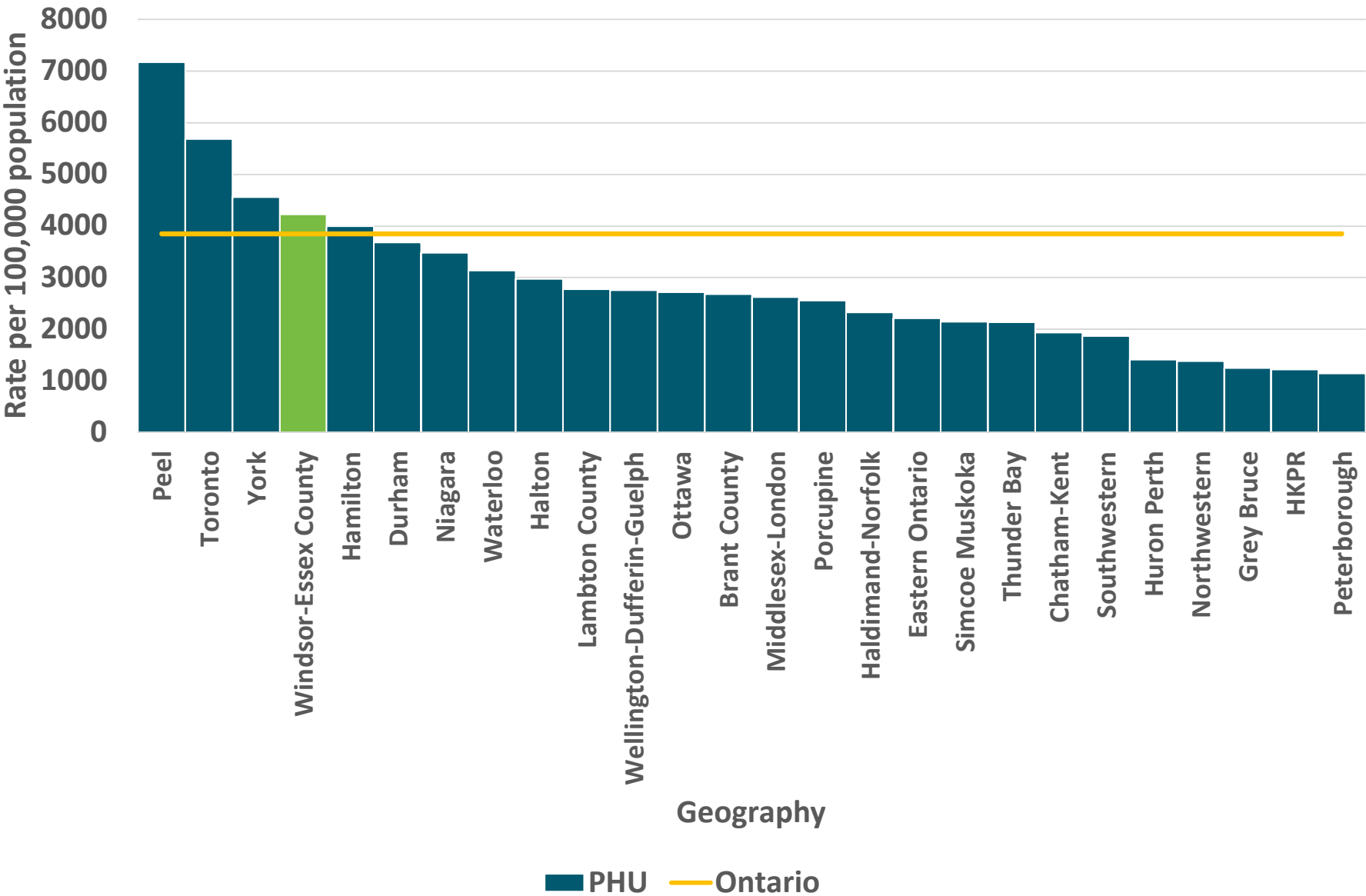
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% Positivity in Windsor-Essex by Age: 7-Day Average

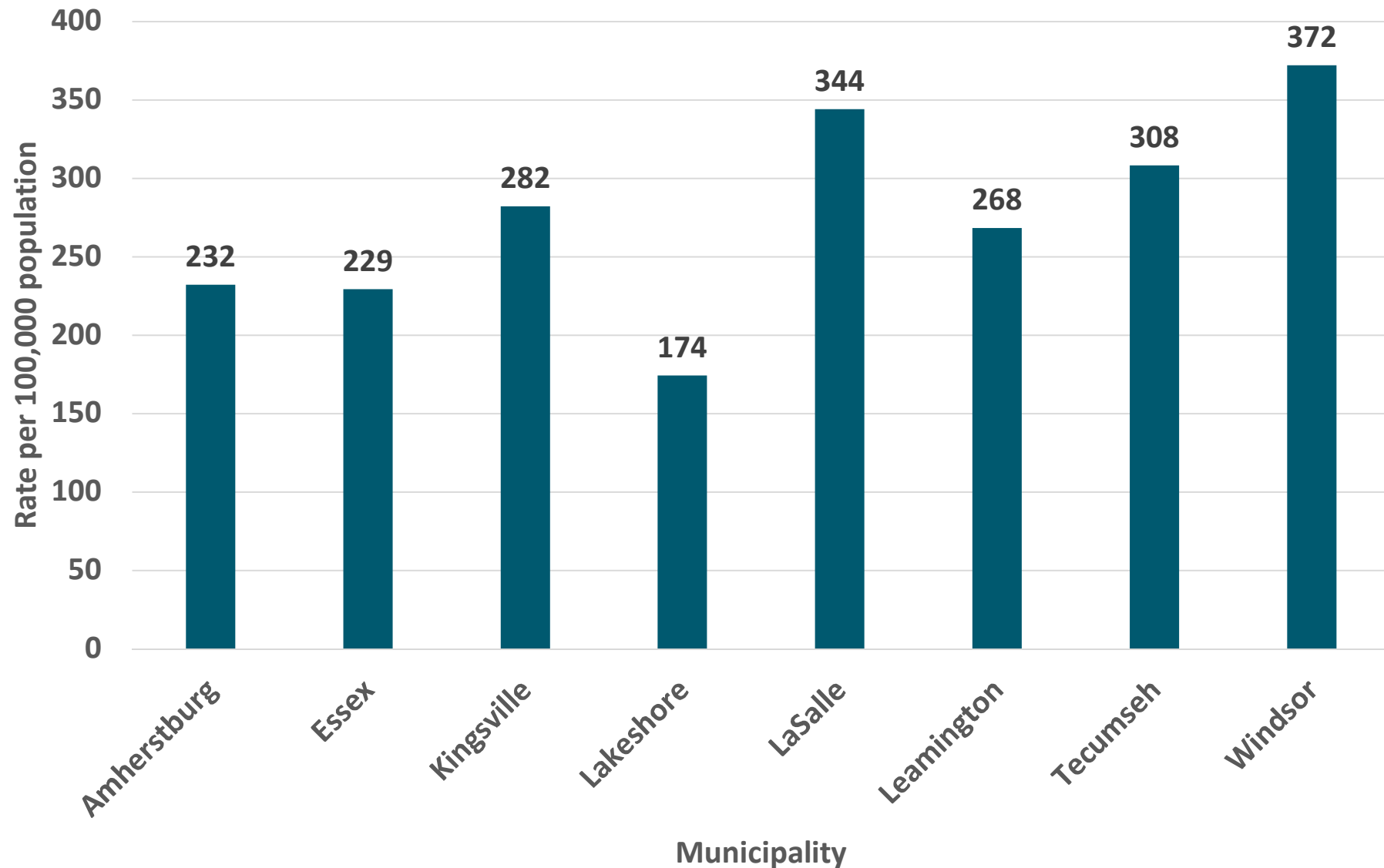


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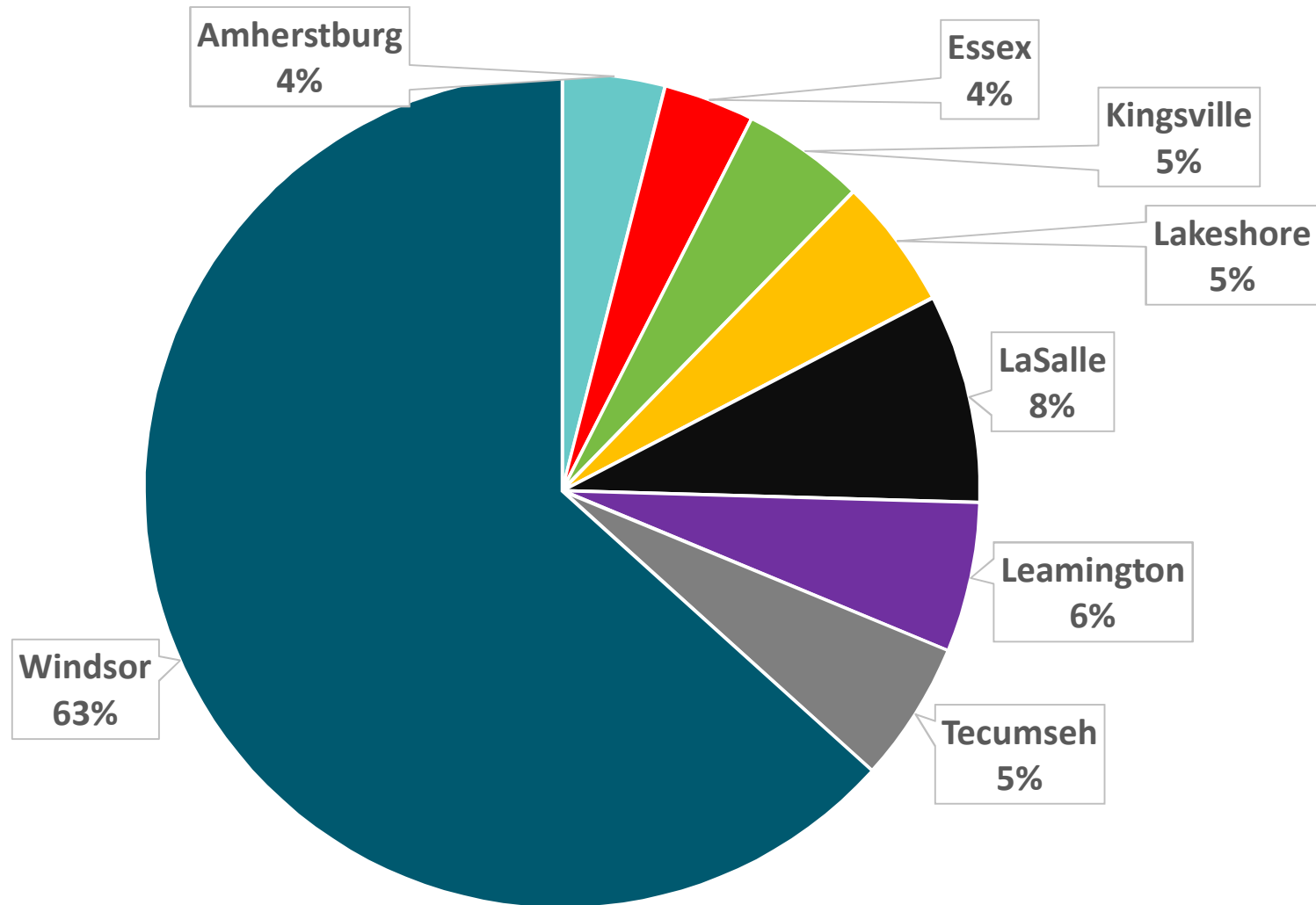
Cumulative Regional & Provincial Rates



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

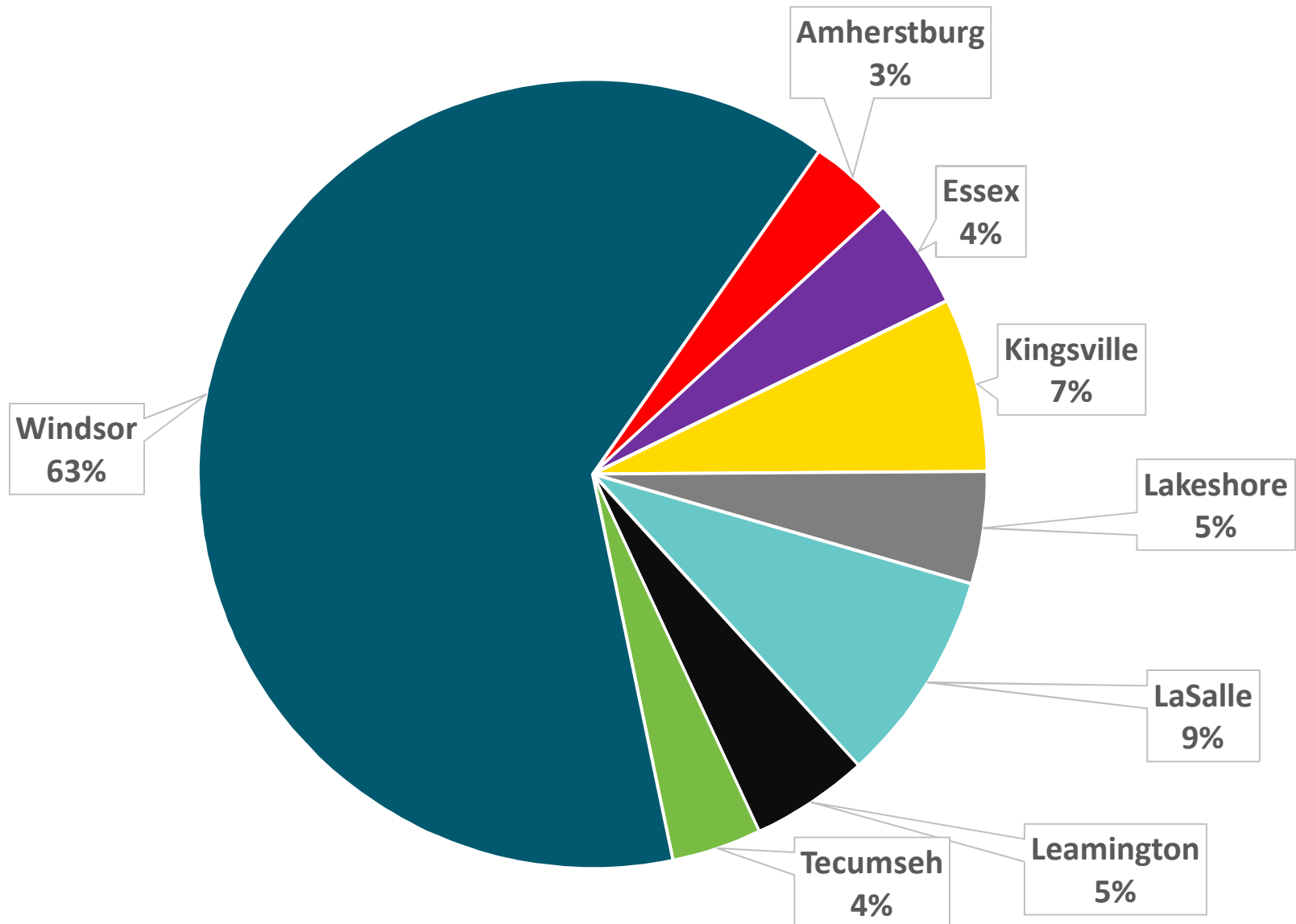


Distribution of COVID-19 Cases by Municipality in last 30 days (August 3 to September 1)



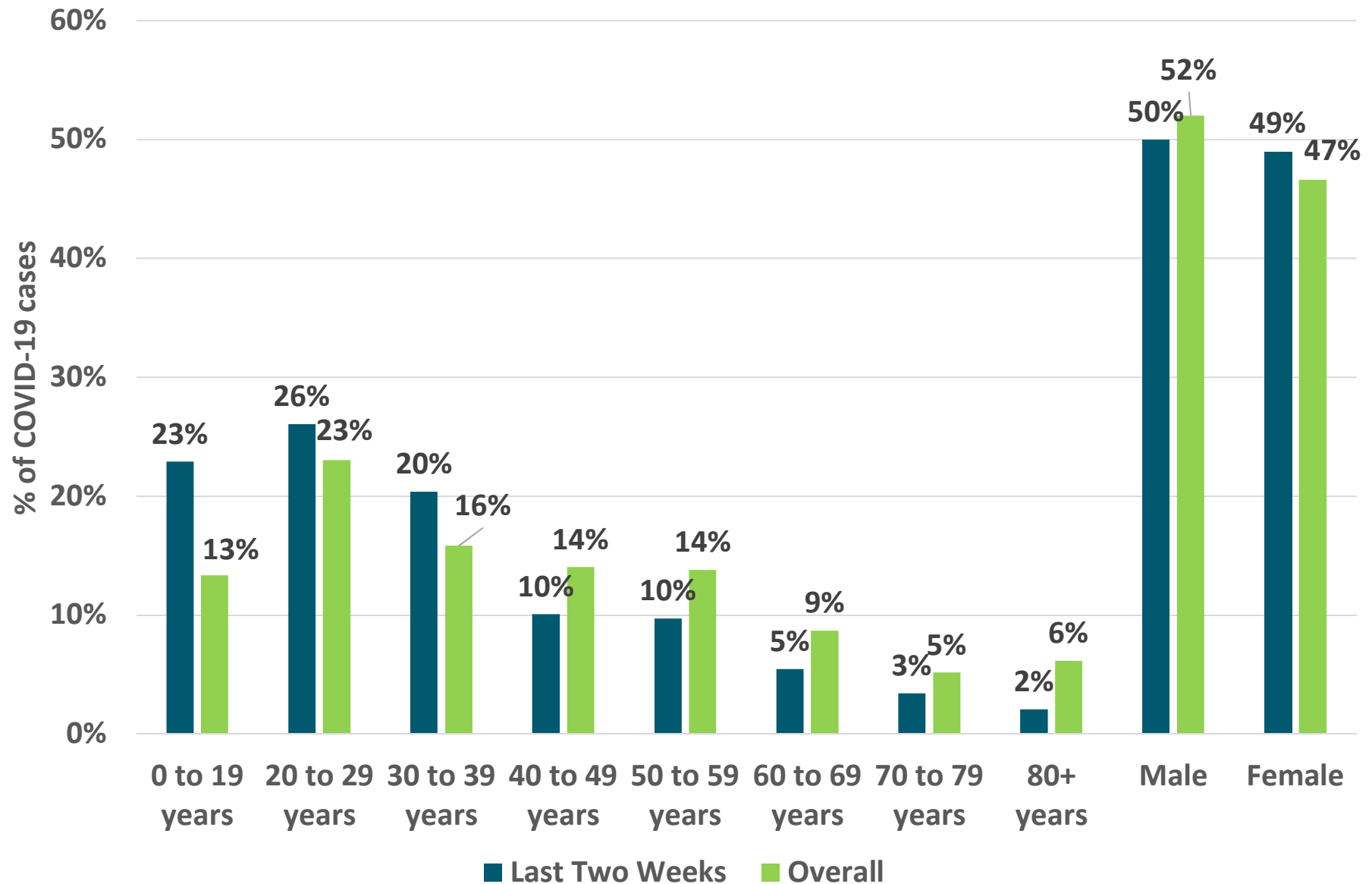
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Distribution of COVID-19 Cases by Municipality in last 7 days (August 26 to September 1)



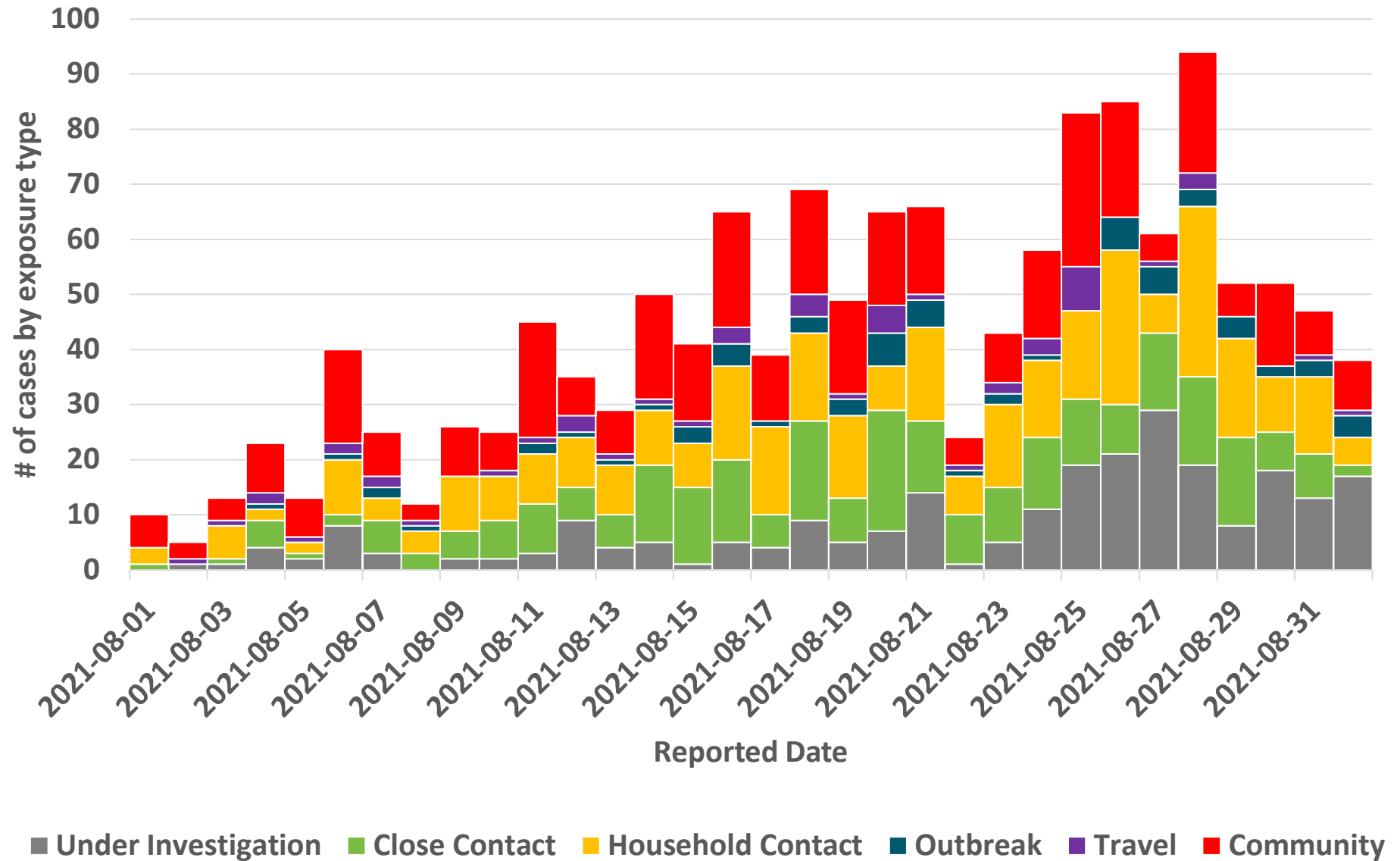
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Age & Sex Distribution



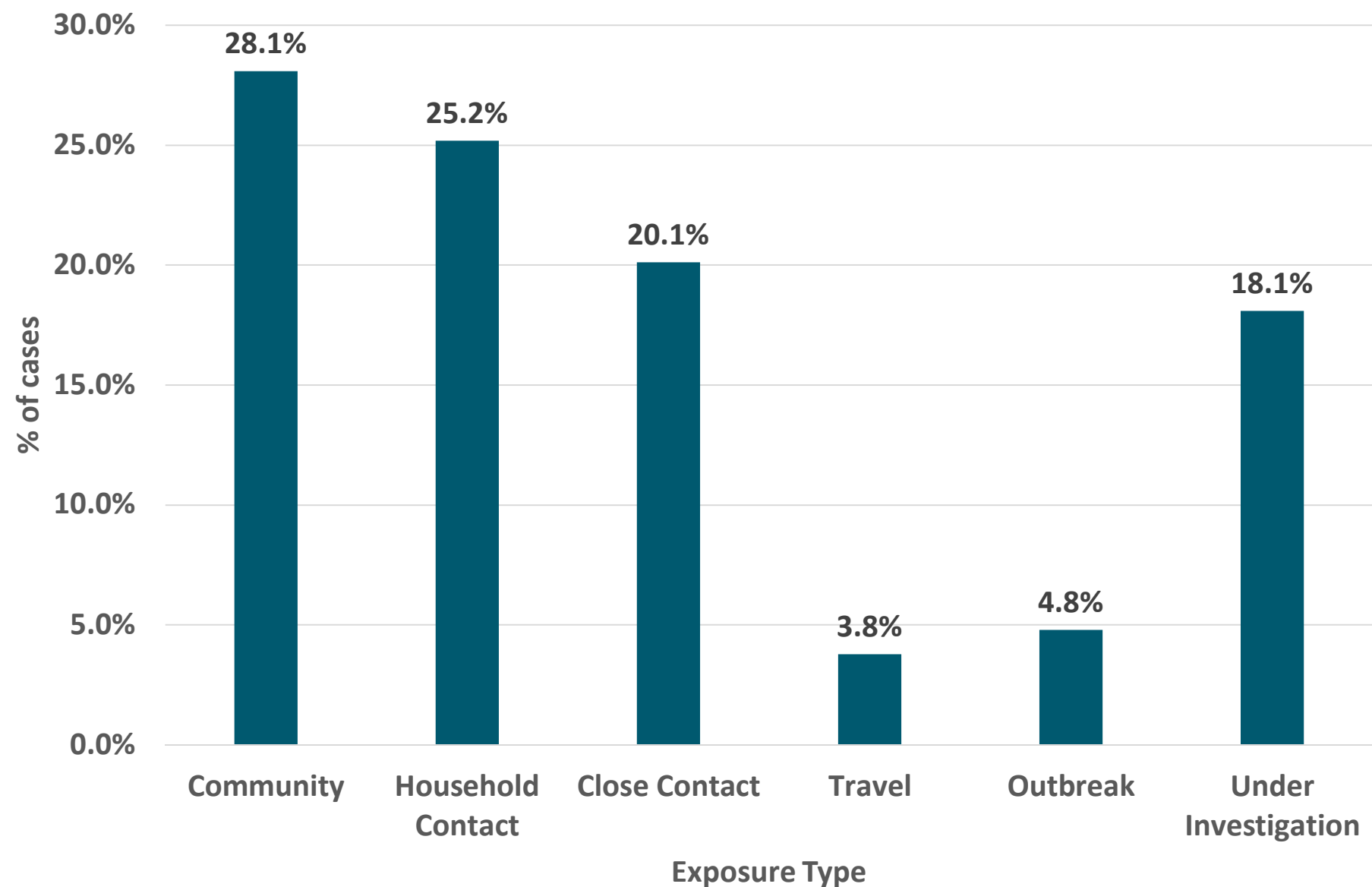
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Exposure History by Reported Date (August to Present)

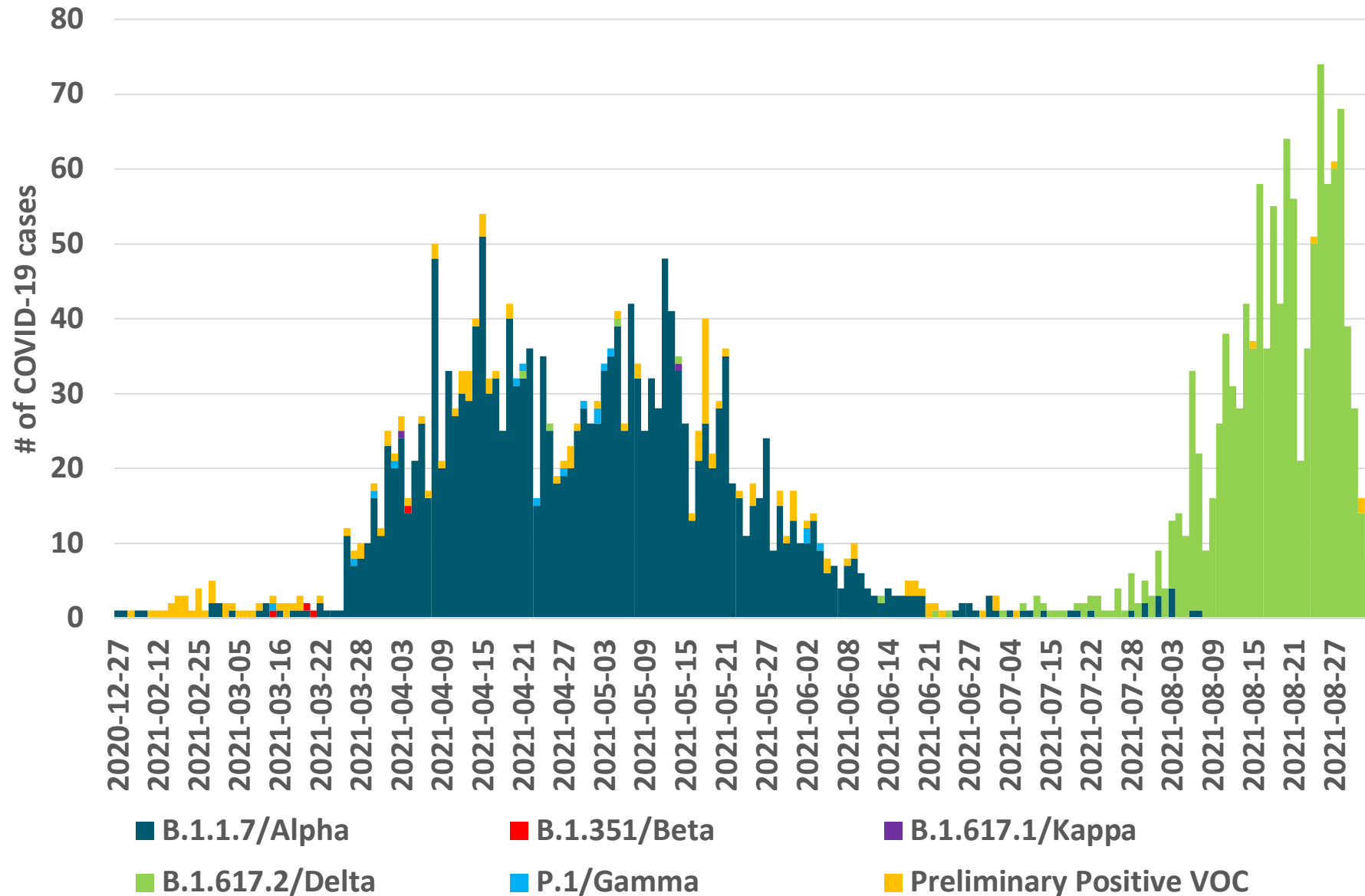


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Source of Acquisition (August to Present)

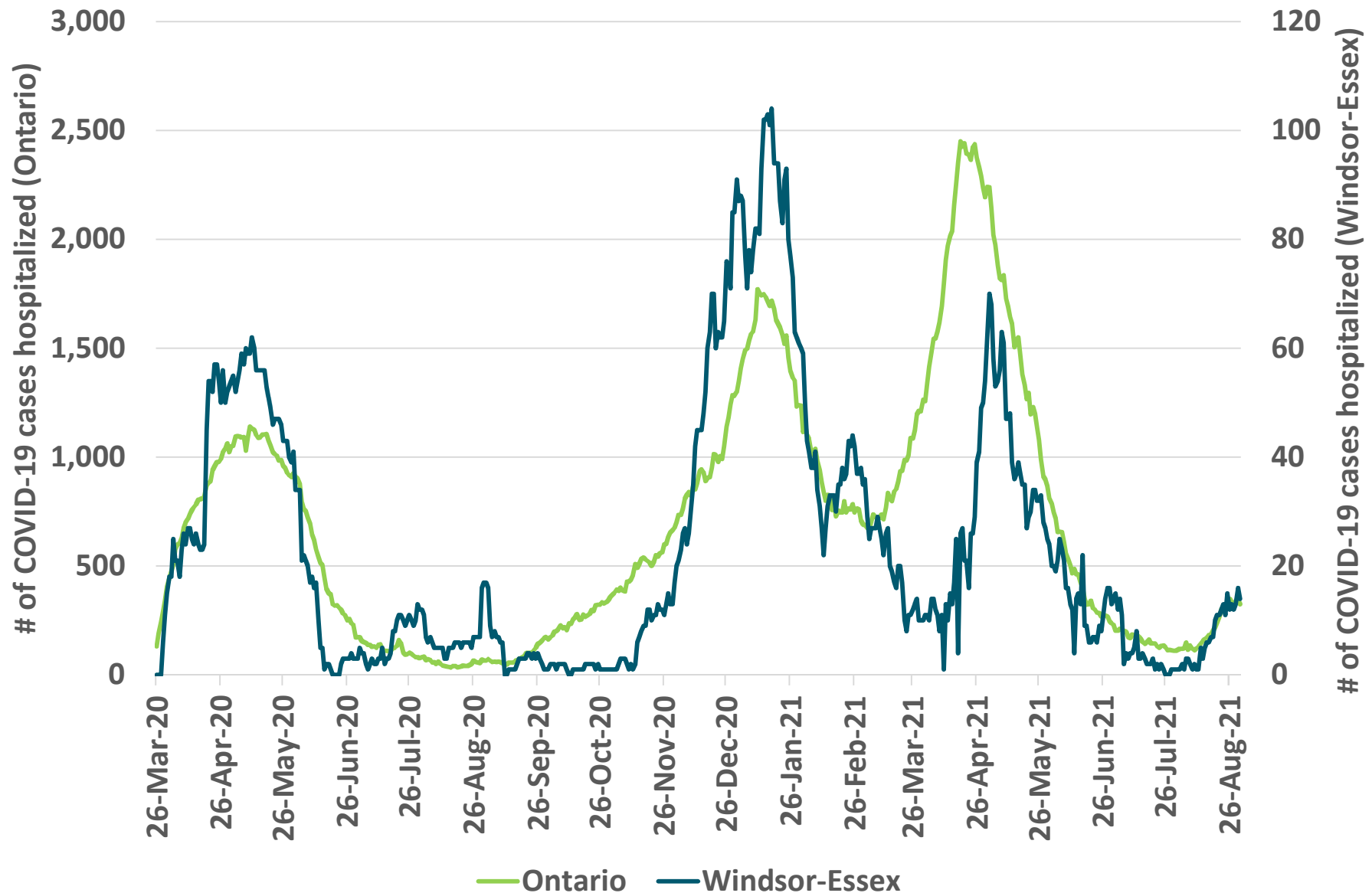


Variants of Concern by Date



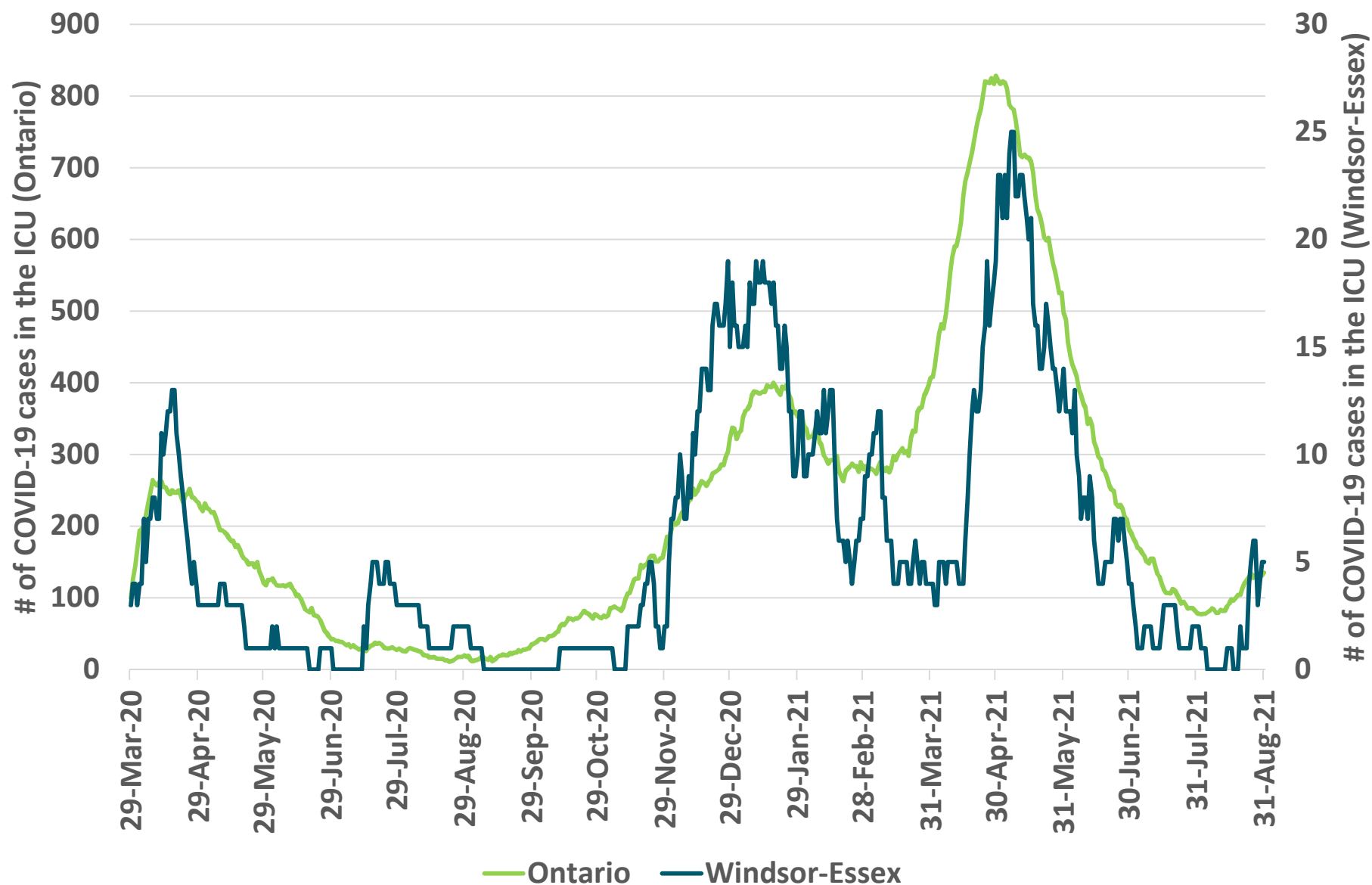
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COVID-19 In-Patient Hospitalizations



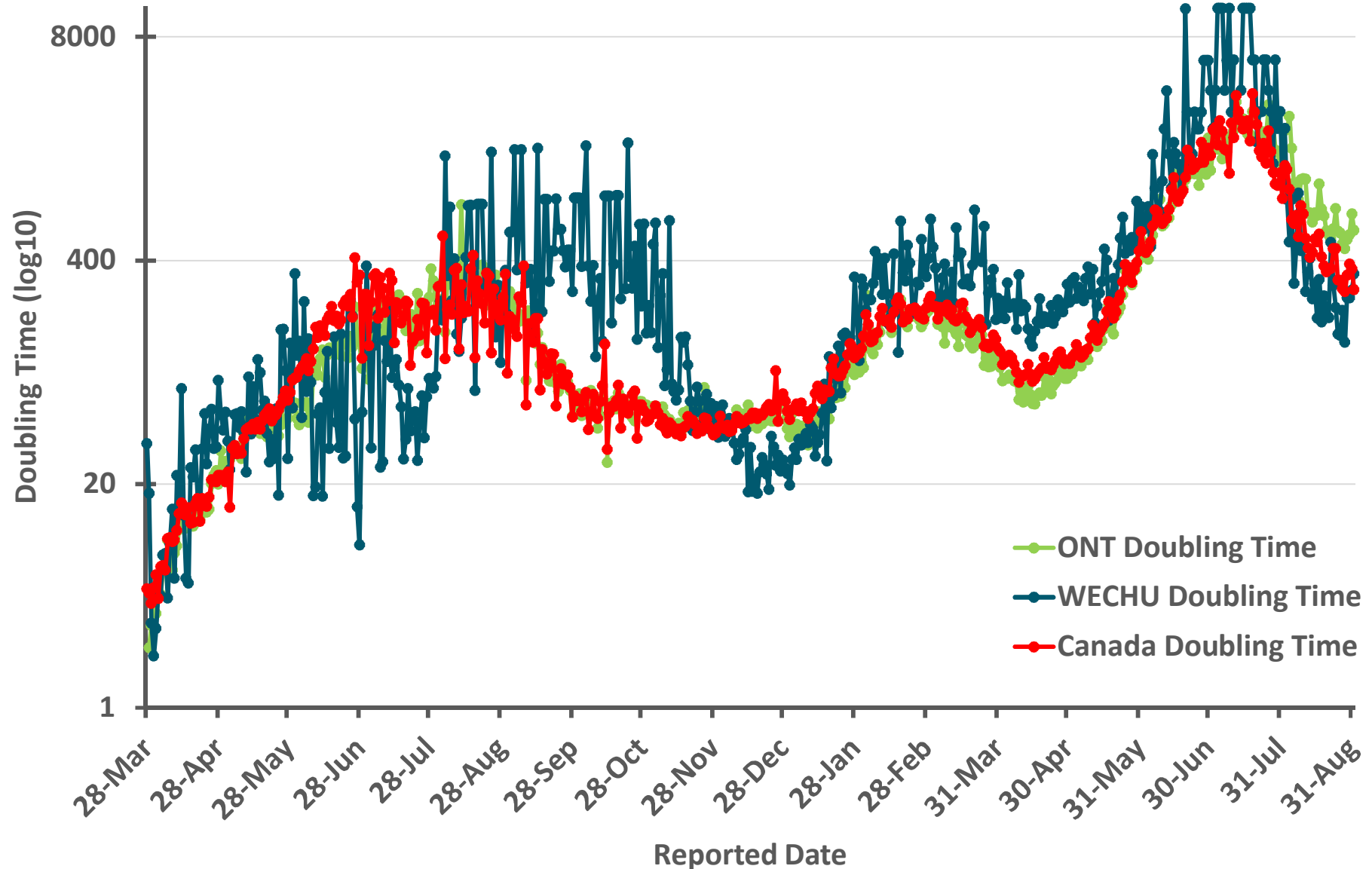
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COVID-19 ICU

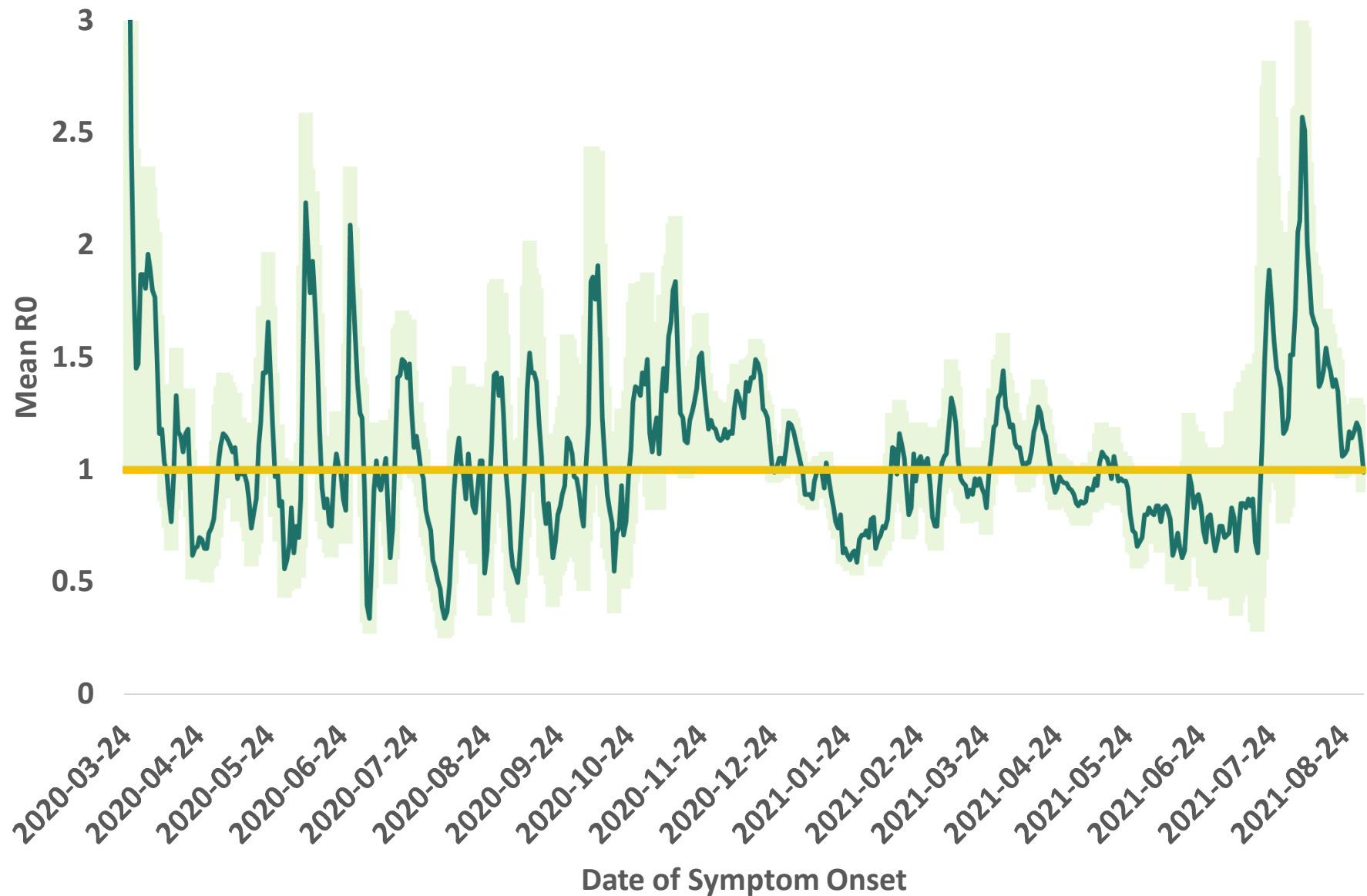


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Doubling Time (Day over Day Comparison)



Median R0 (Effective)



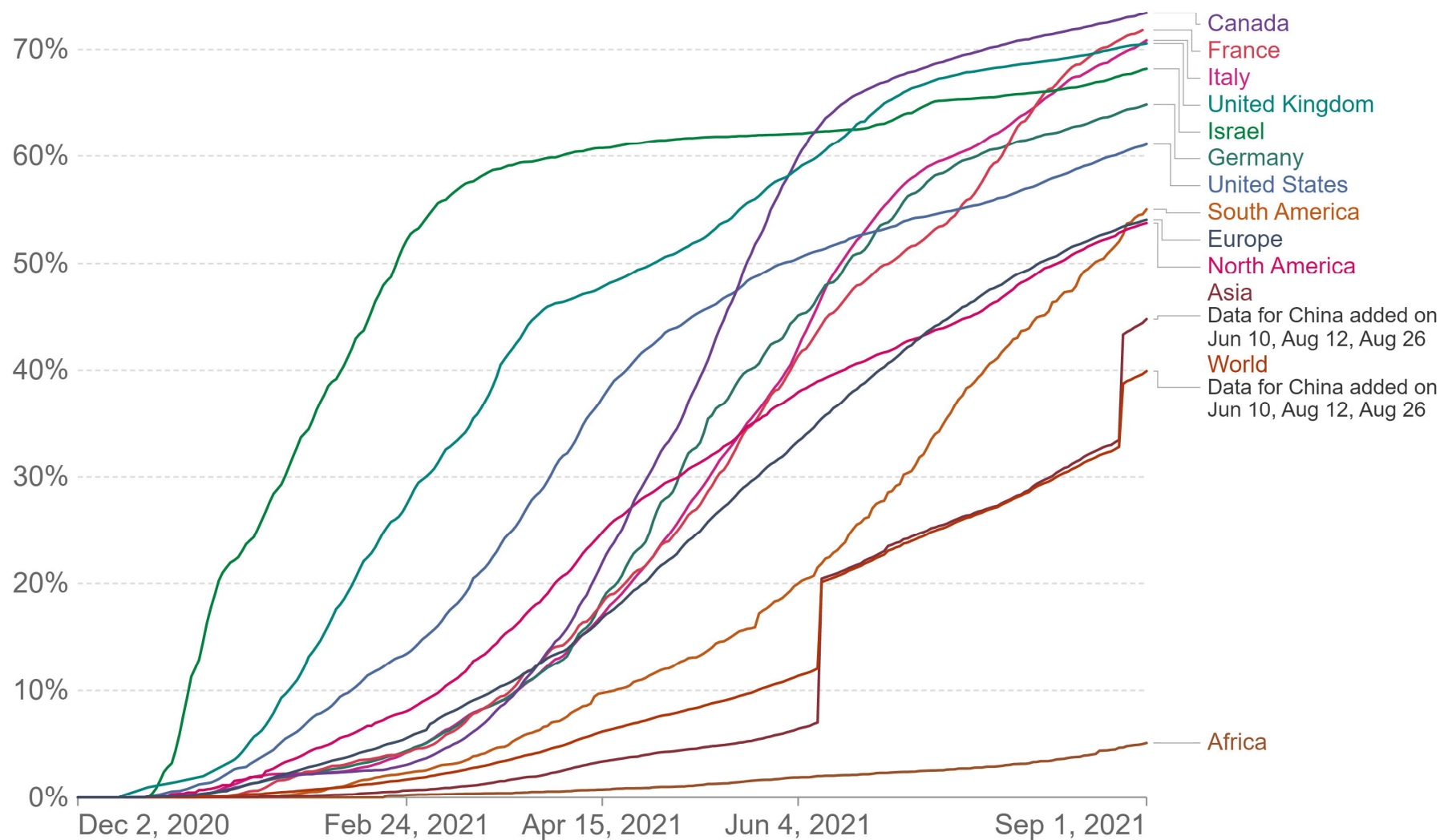
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COVID-19 Vaccine Status

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.

Our World
in Data



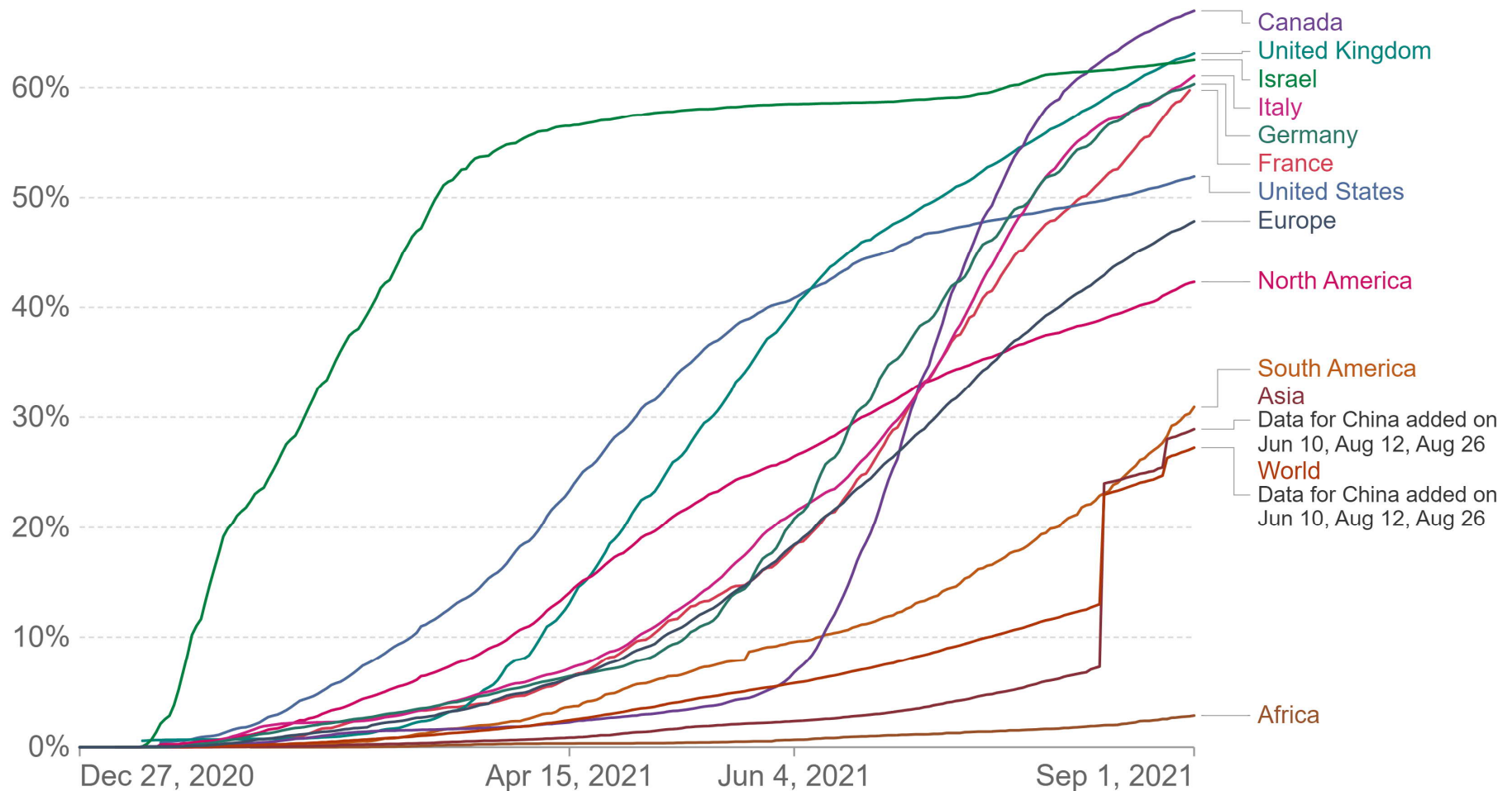
Source: Official data collated by Our World in Data.

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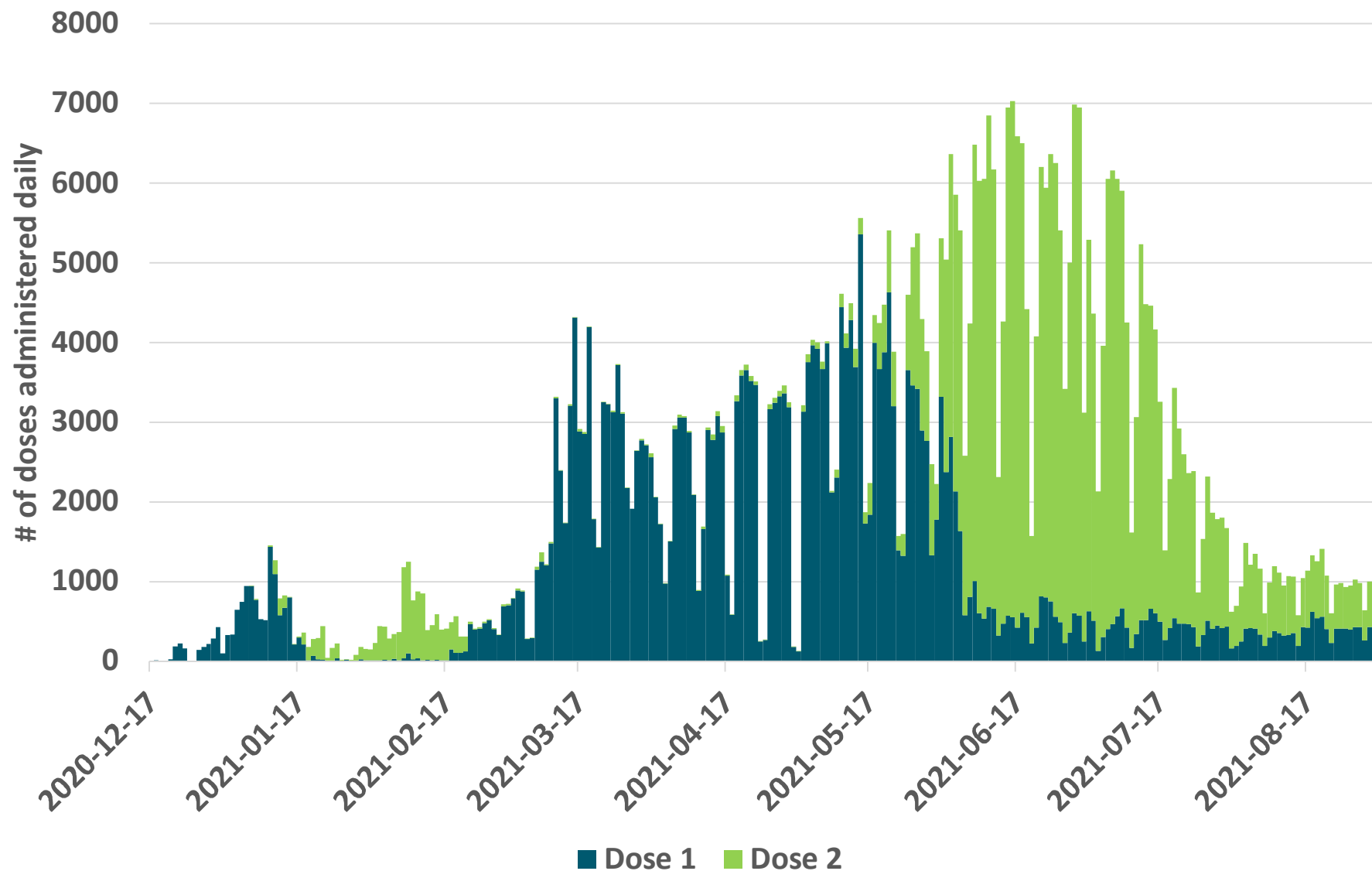
Share of the population fully vaccinated against COVID-19

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



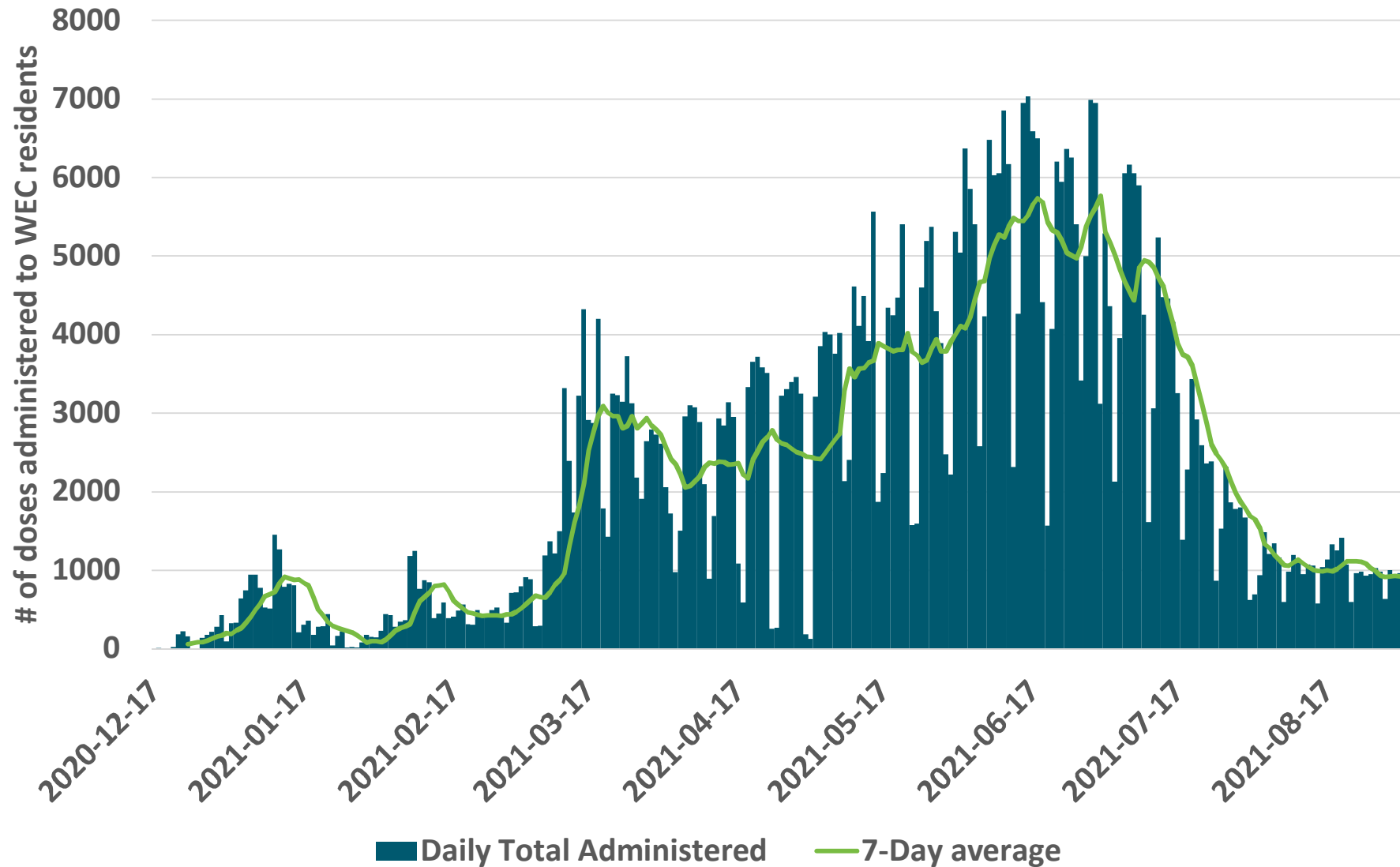
Source: Official data collated by Our World in Data. Alternative definitions of a full vaccination, e.g. having been infected with SARS-CoV-2 and having 1 dose of a 2-dose protocol, are ignored to maximize comparability between countries.
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Number of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



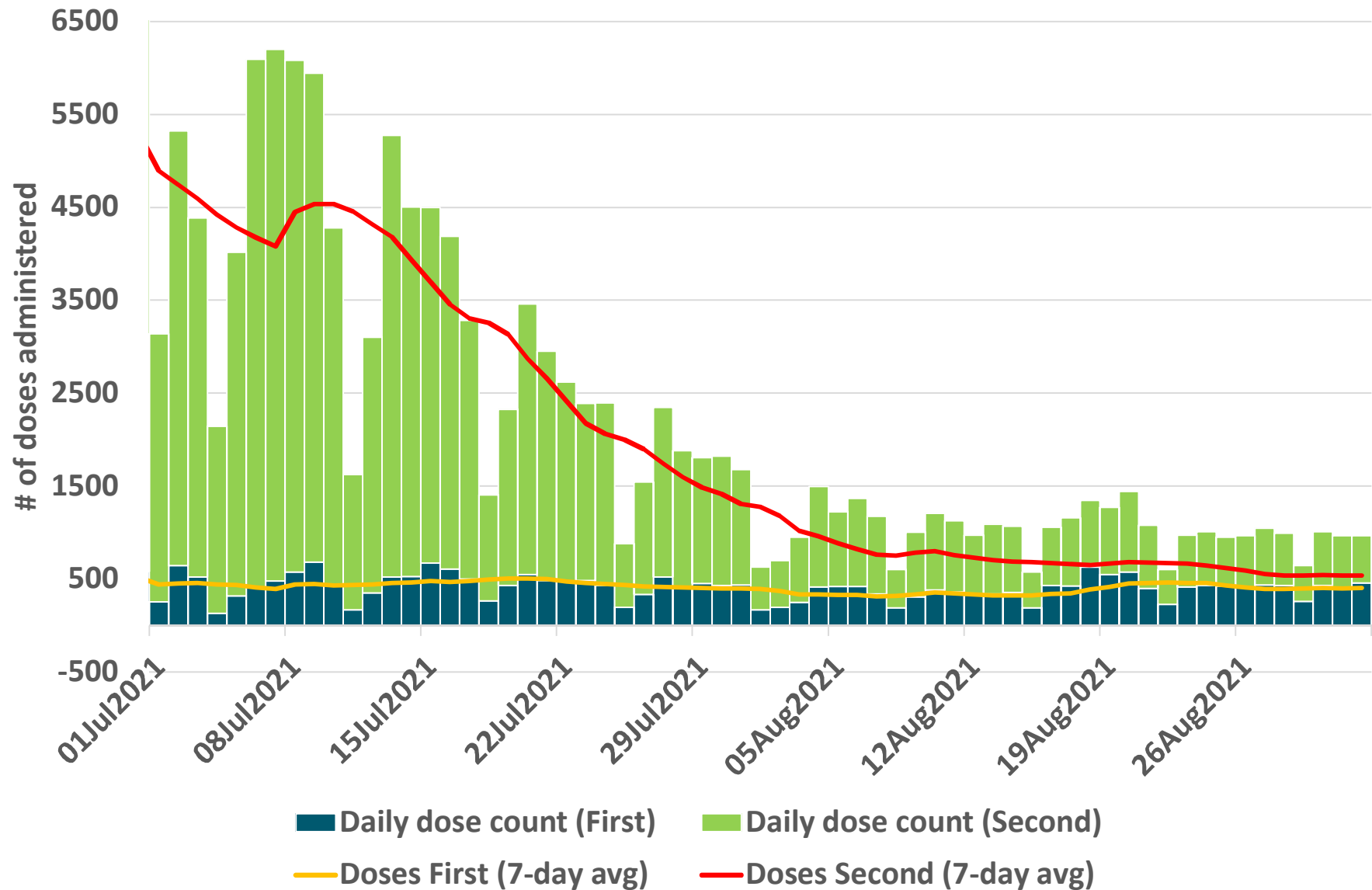
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Daily Doses Administered to Windsor-Essex Residents



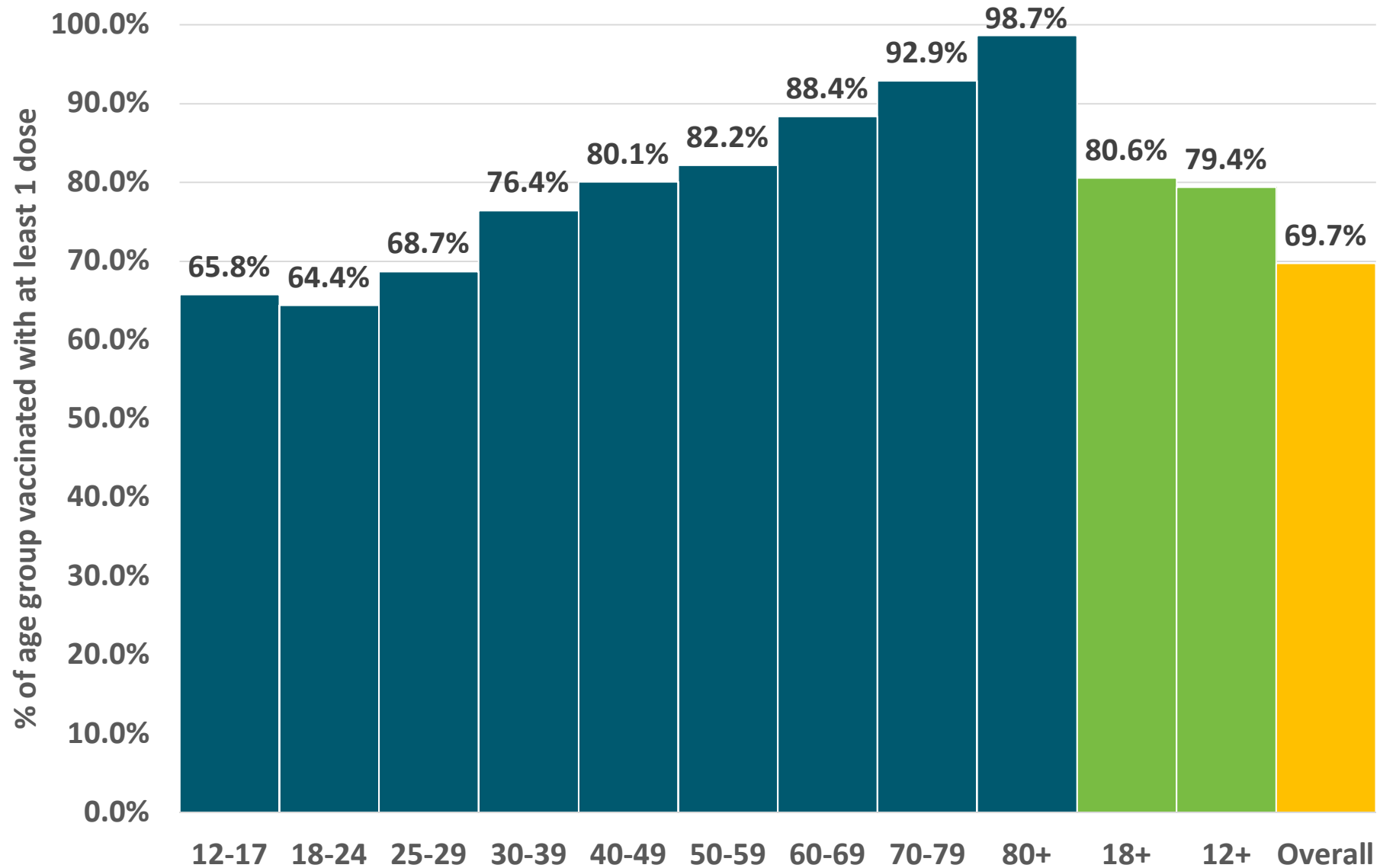
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Daily Doses Administered in Windsor-Essex by Dose (July-Present)



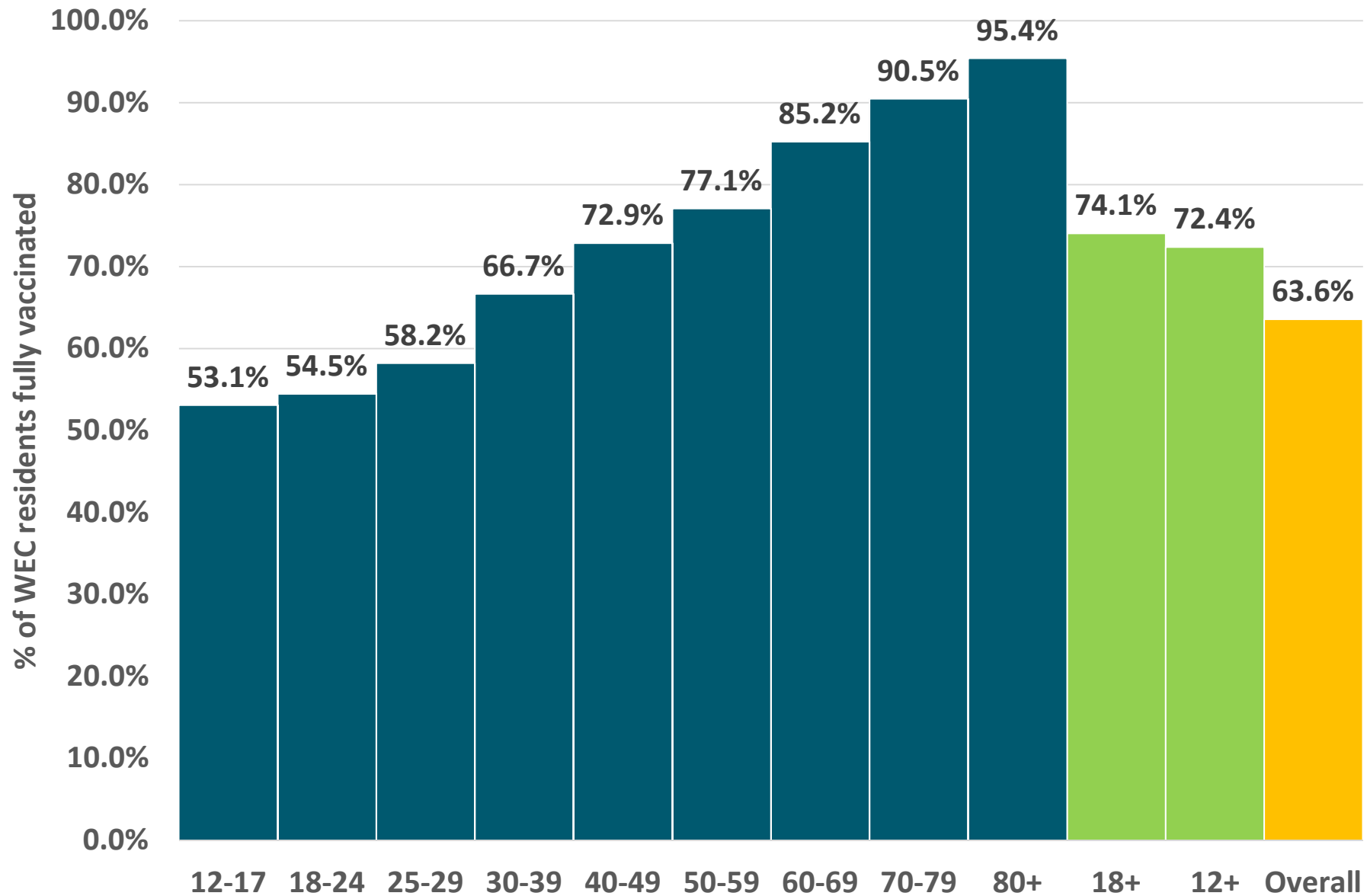
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WEC Residents Vaccinated With At Least One Dose by Age Group



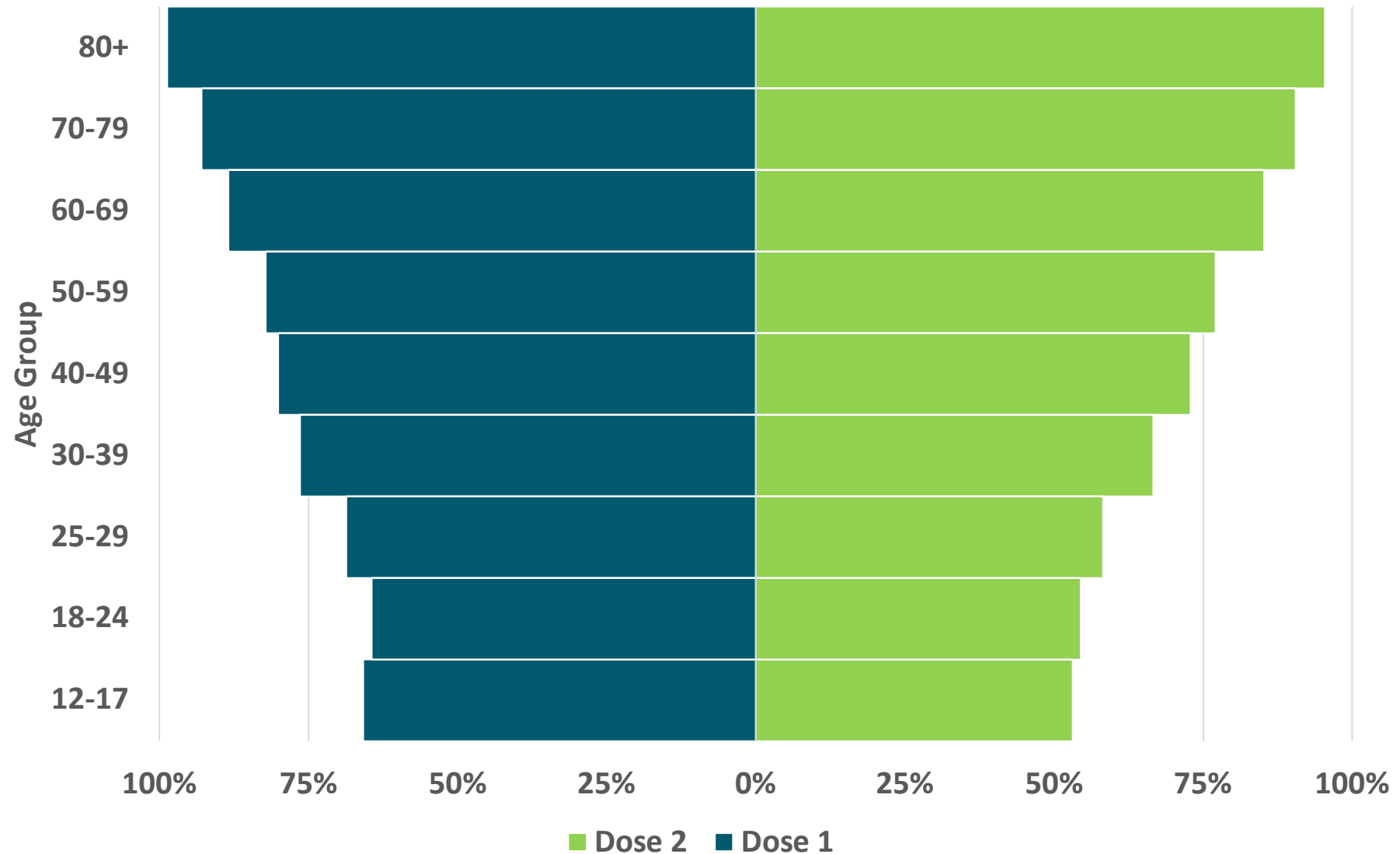
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WEC Residents Fully Vaccinated by Age Group



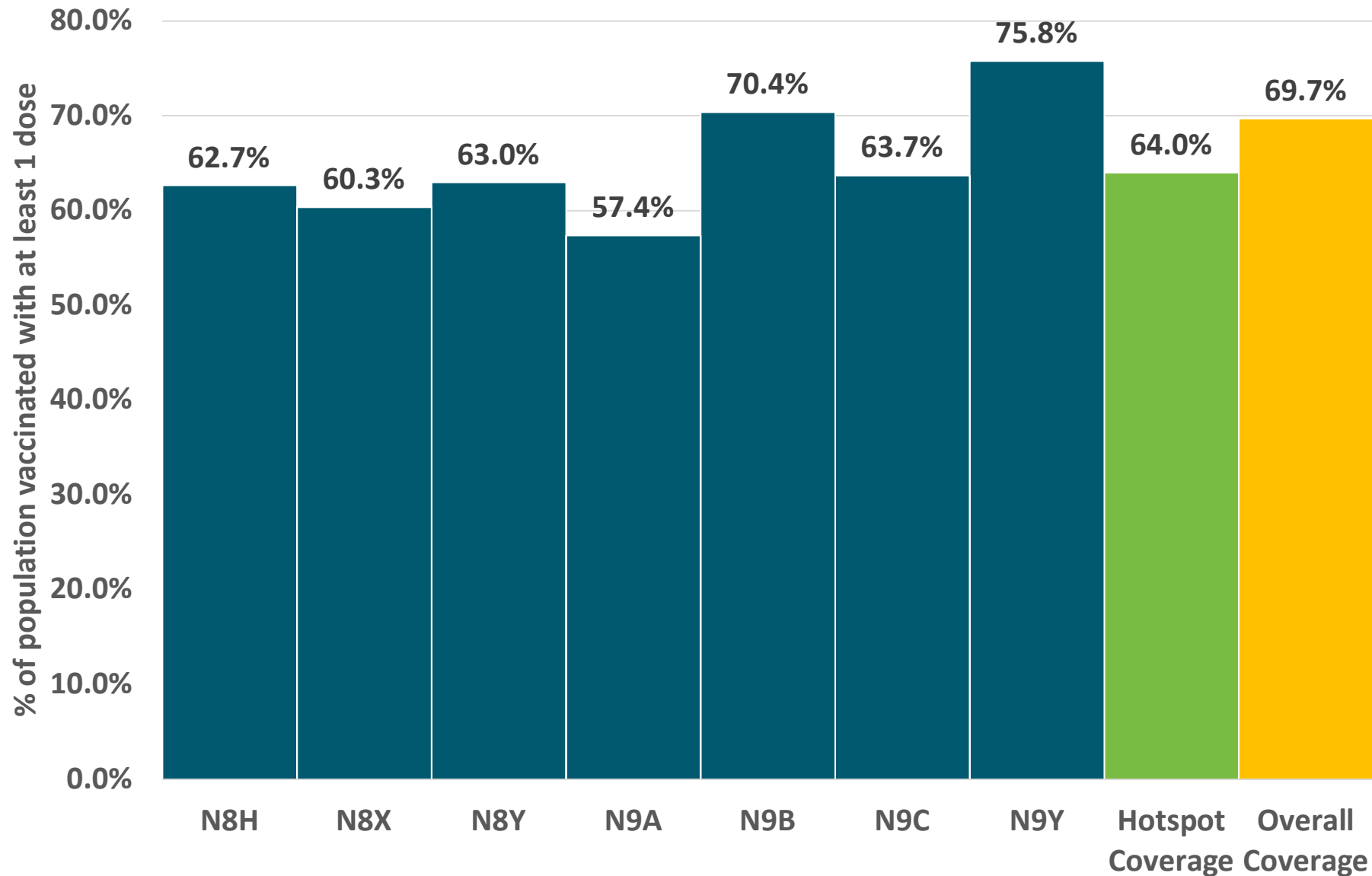
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First and Second Dose Coverage Rate by Age Group in Windsor-Essex



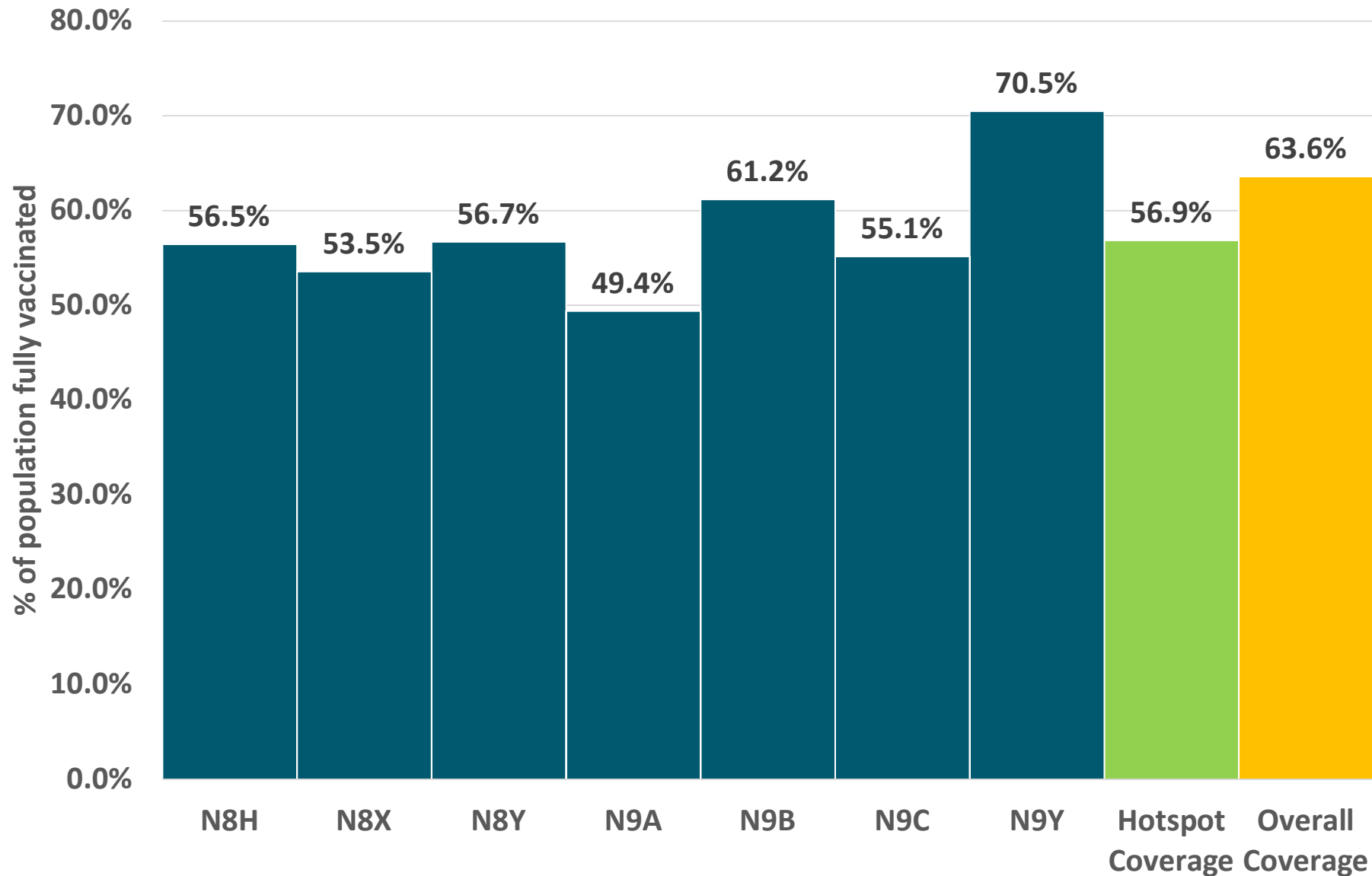
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Vaccine Coverage in WEC Hotspots With at Least 1 Dose Administered (all residents including children)



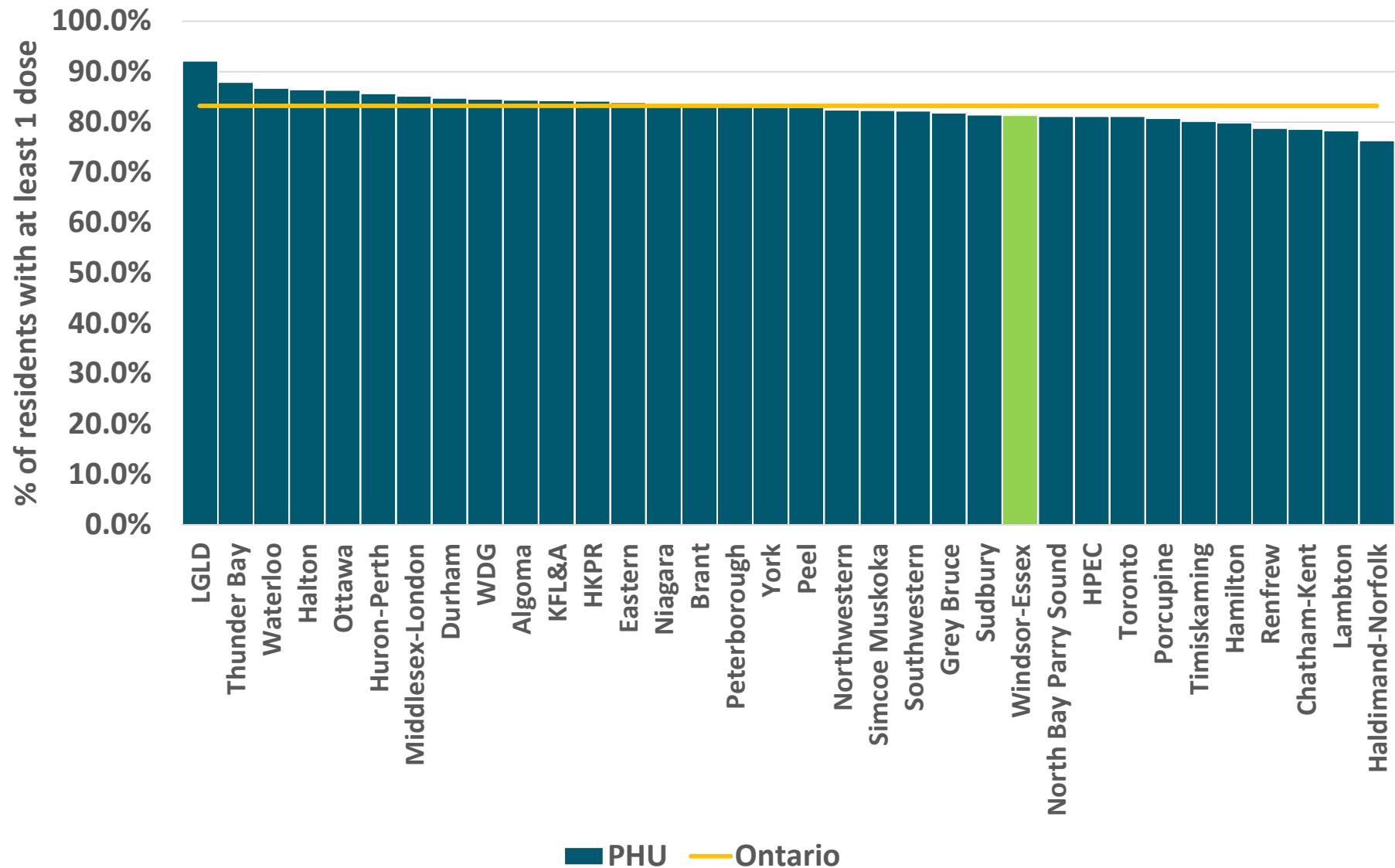
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Fully Vaccinated Coverage Rates in Hotspots Within Windsor-Essex County (all residents including children)

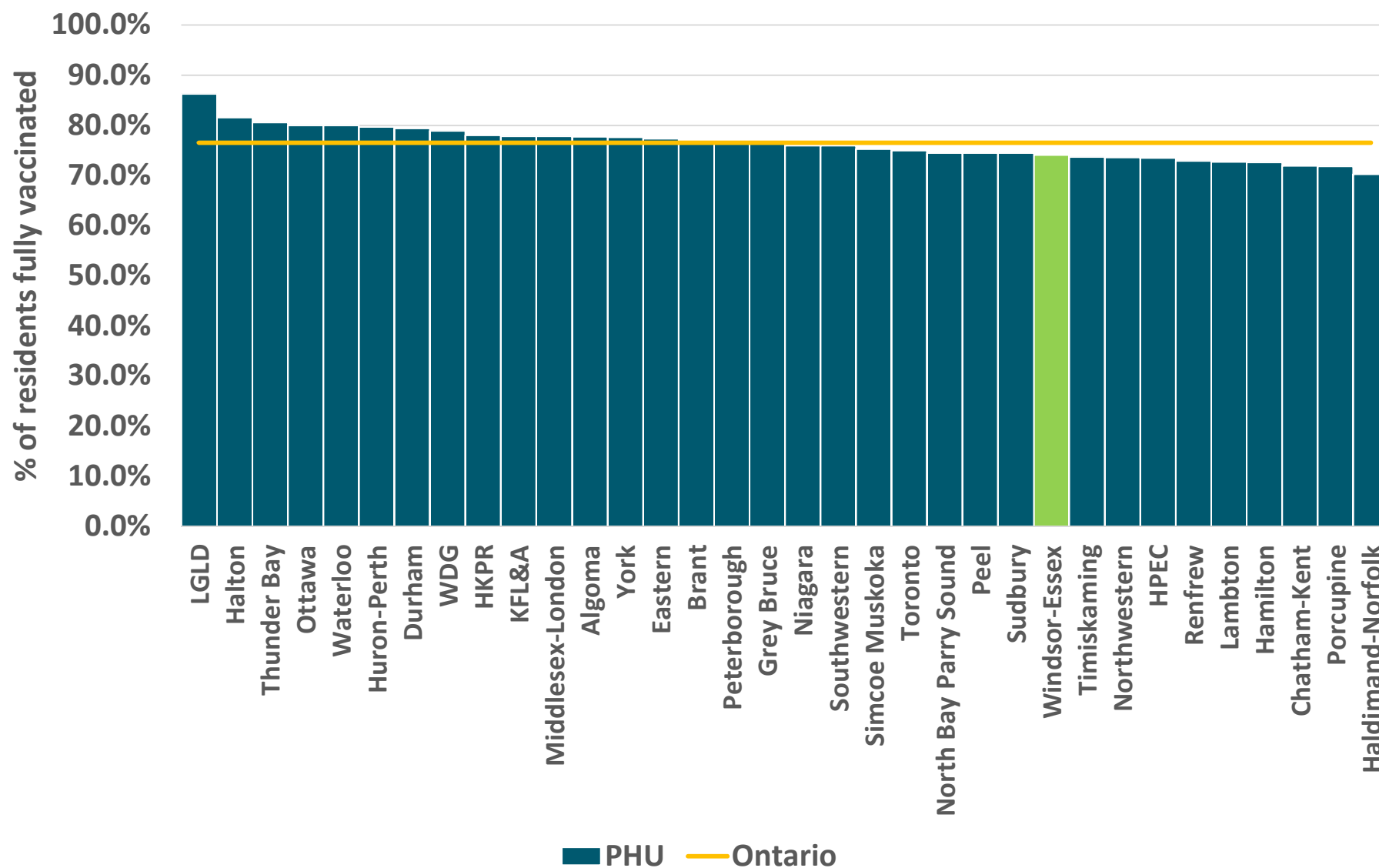


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Percentage of Residents 12+ With At Least 1 Dose by Public Health Unit

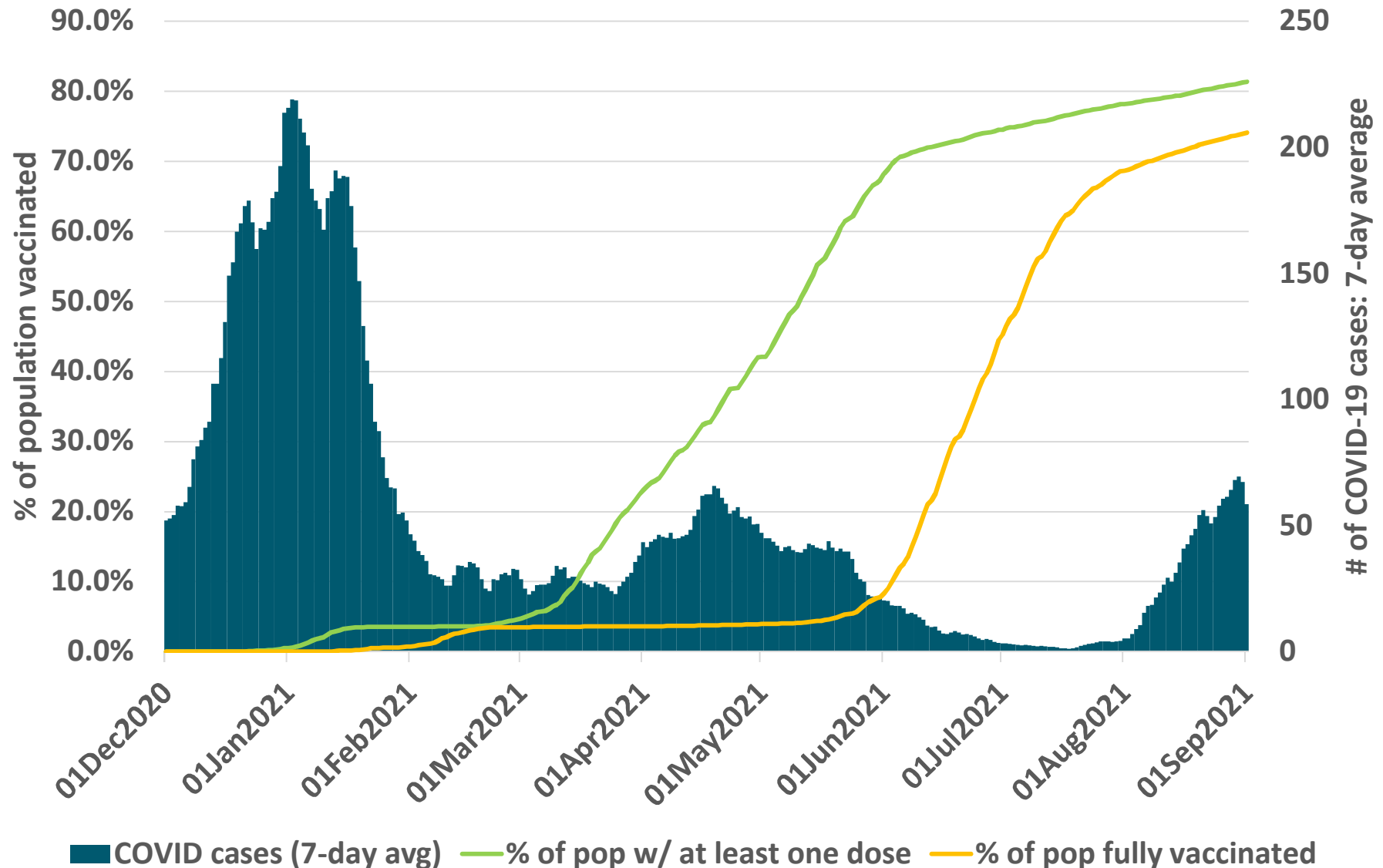


Percentage of Residents 12+ Fully Vaccinated by Public Health Unit



COVID-19 Vaccination Coverage Rates (12+)

Versus COVID-19 Cases (7-Day Average)



Summary:

- Case rates in WEC has significantly increased again this week
- Wastewater surveillance data corresponds with the case rates
- COVID-19 related hospitalization and ICU admissions are increasing.

Summary: (2)

The risk of COVID-19 infection among those unvaccinated is

5.84

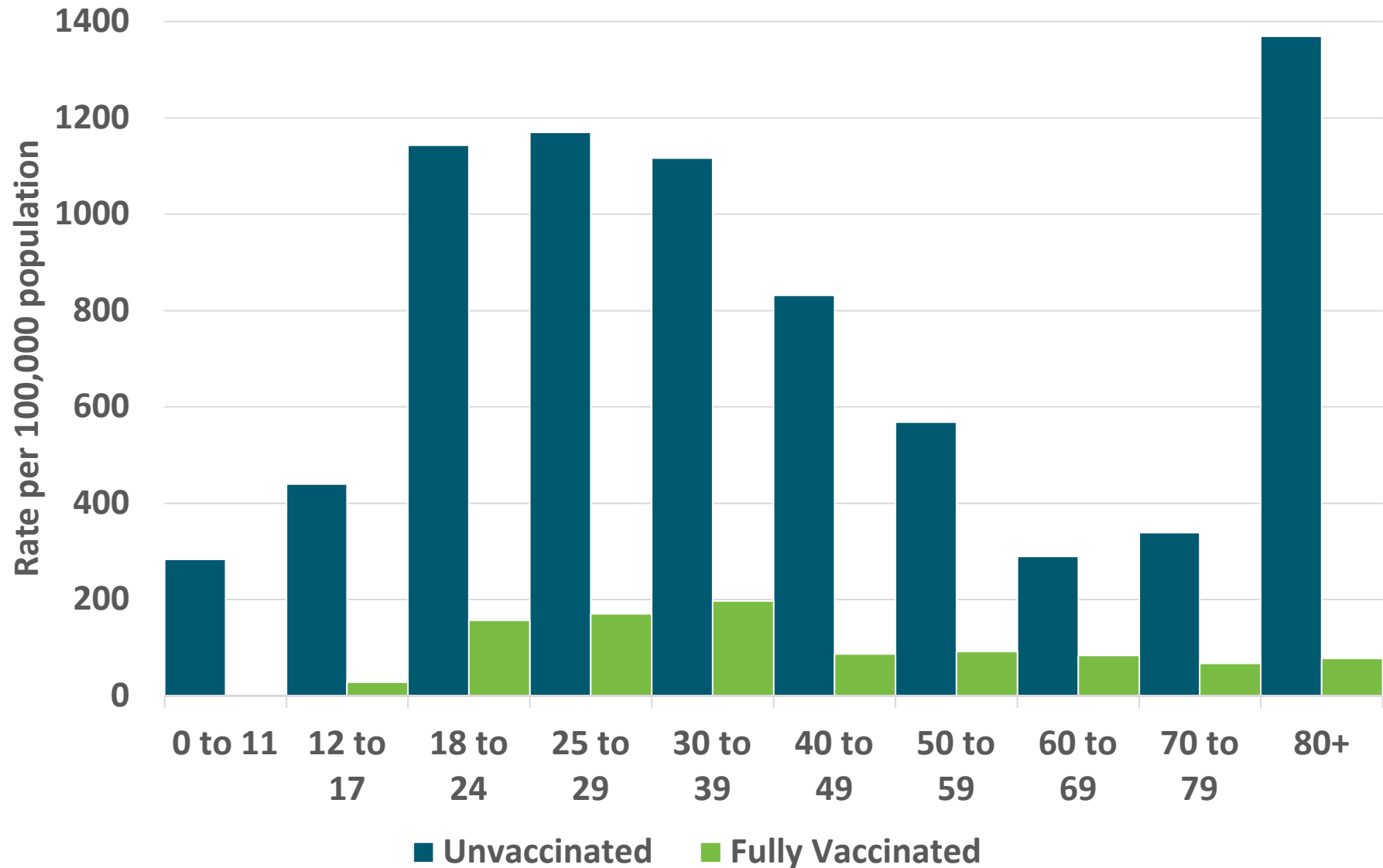
times higher than it is for those fully vaccinated

Vaccination Status	Rate of COVID-19 (per 100,000 population)
Unvaccinated	617.7 cases per 100,000 population
Fully Vaccinated	108.8 cases per 100,000 population

Risk of COVID-19 by Vaccine Status (August 2 – August 29)

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Rate of COVID-19 by Age Group and Vaccine Status (August 2 to August 29)



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Summary: (3)

- Significant number of cases are linked to key locations – requires action

Type of event/location	Number of establishments/events	Number of cases
Wedding (Ceremony, Rehearsal, or reception)	7	141
Restaurant	44	67
Nightclub	3	40
Bar	8	28
Adult Entertainment Club	2	11

Summary: (4)

- Cases linked to key locations showing cases are being acquired in key locations and further transmissions are happening as a result of these acquisitions

Type of Event/Location	Number of acquisitions	Number of transmissions
Wedding (Ceremony/Rehearsal or Reception)	118	23
Restaurant	11	56
Nightclub	29	11
Bar	11	17
Adult entertainment Club	5	6

Summary (5)

- I am issuing a letter of instructions pursuant to Ontario Regulations 364/20, Rules for Step Areas at Step 3.
- Starting September 7, 2021
 - Zero tolerance for non-compliance on all requirements
 - Restaurants, Bars, Nightclubs and Adult Entertainment Venues to limit hours of operation to 12am (midnight)
 - For food or drink establishments with dance facilities – prohibit dancing indoors, except where the dancing is part of employment and 2 meters distance can be maintained

Summary: (6)

- Starting September 20, 2021
 - Instructions for Weddings and funerals
 - Prohibit dancing indoors, except for the marital couple
 - Limit capacity of wedding, funeral, right or ceremony to the number of persons that can maintain 2 meters physical distance up to a maximum of 100 people
 - Ensure a proof of vaccination certifications for all attendees.