



COVID-19 *LIVE UPDATE*

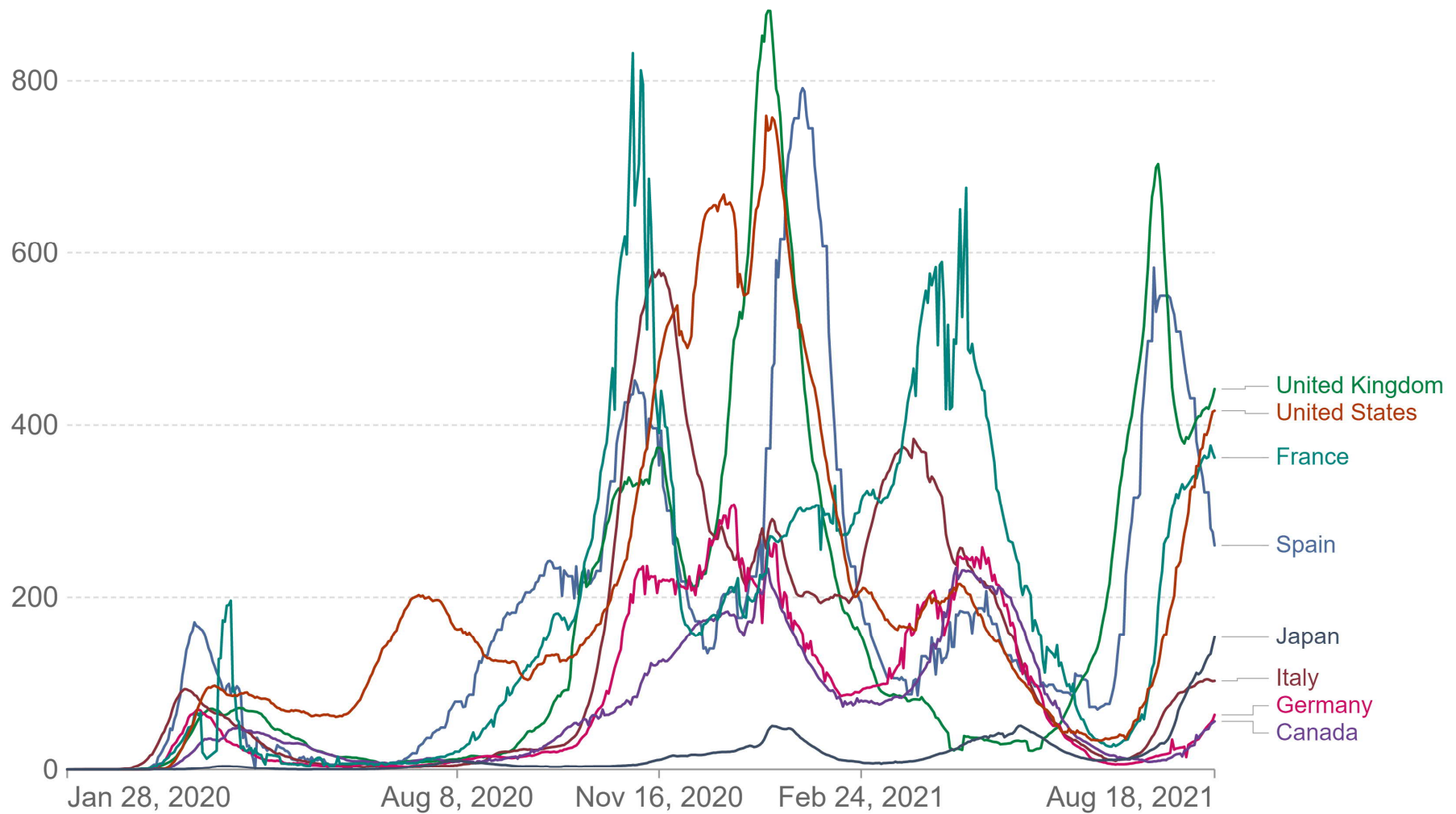
August 20, 2021

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.

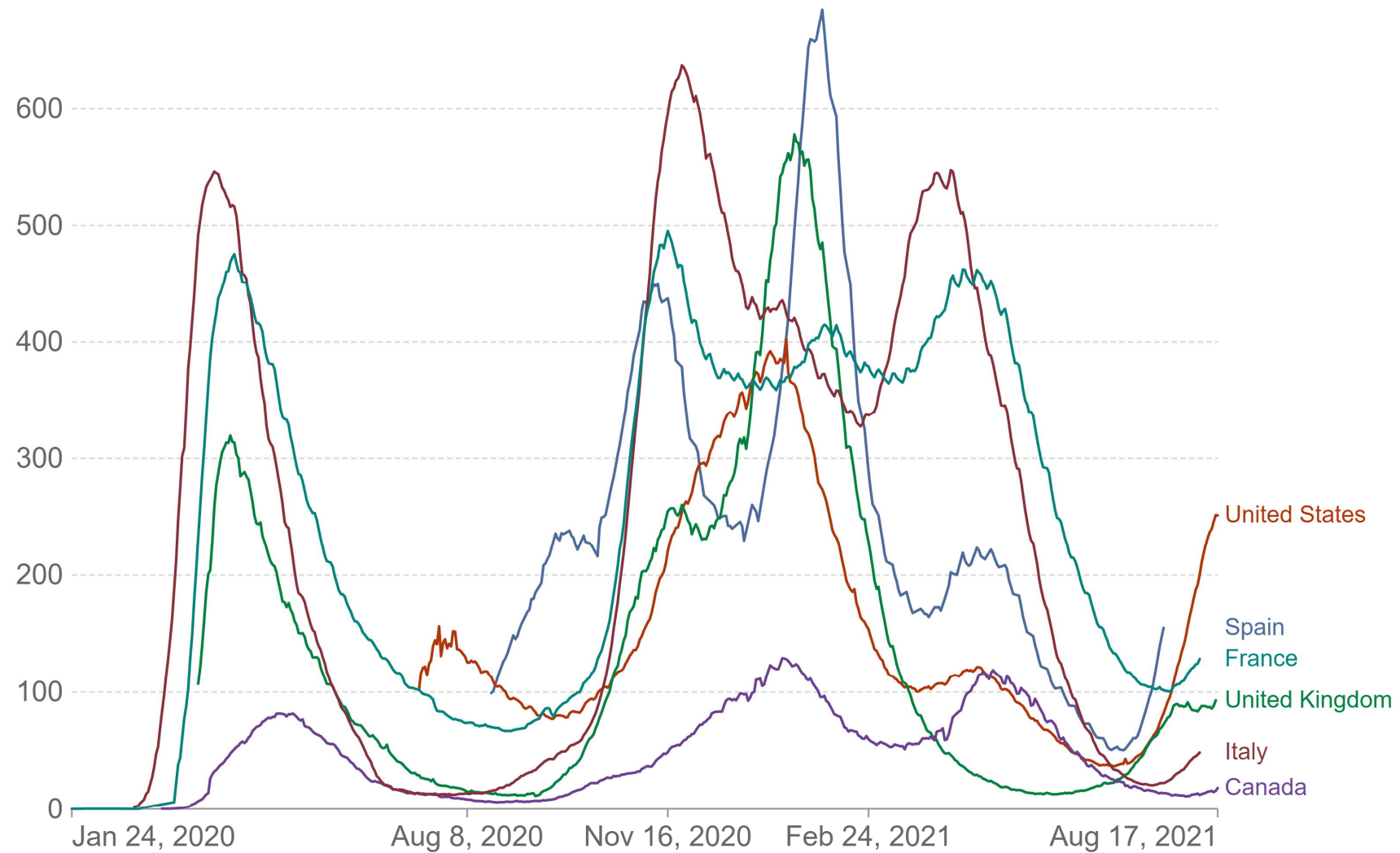


Source: Johns Hopkins University CSSE COVID-19 Data

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Number of COVID-19 patients in hospital per million people

Our World
in Data



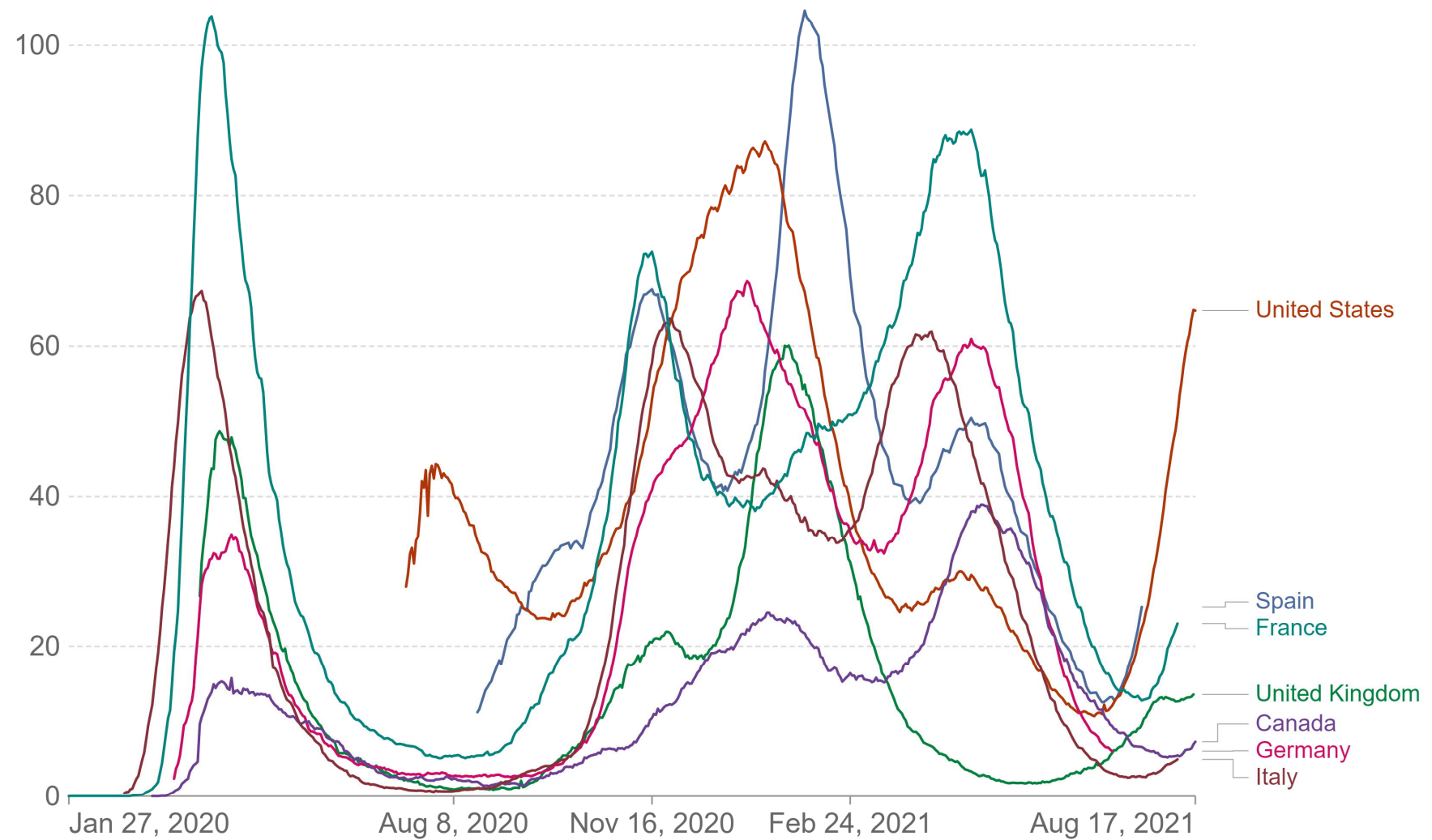
Source: Official data collated by Our World in Data

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

Our World
in Data



Source: Official data collated by Our World in Data

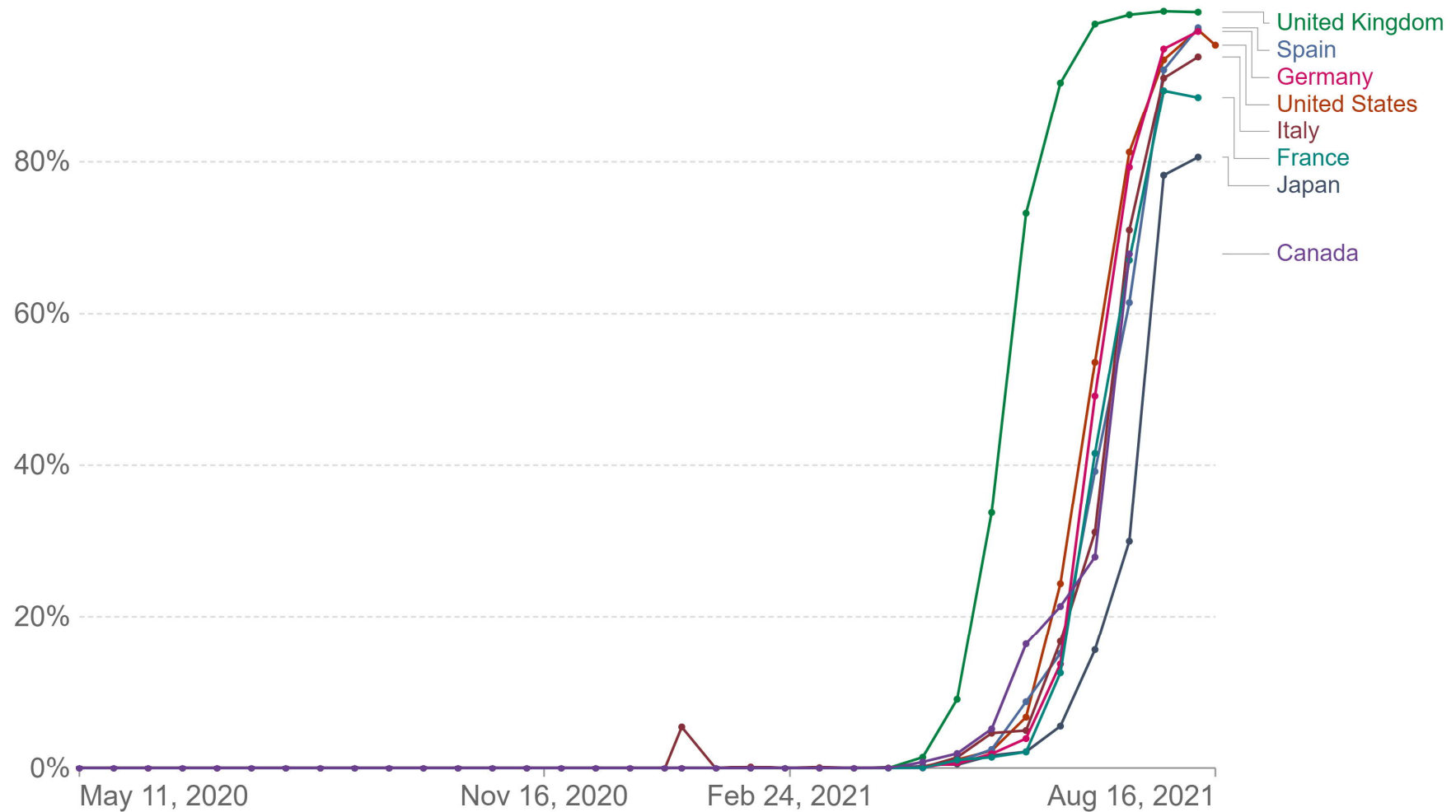
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Share of SARS-CoV-2 sequences that are the delta variant

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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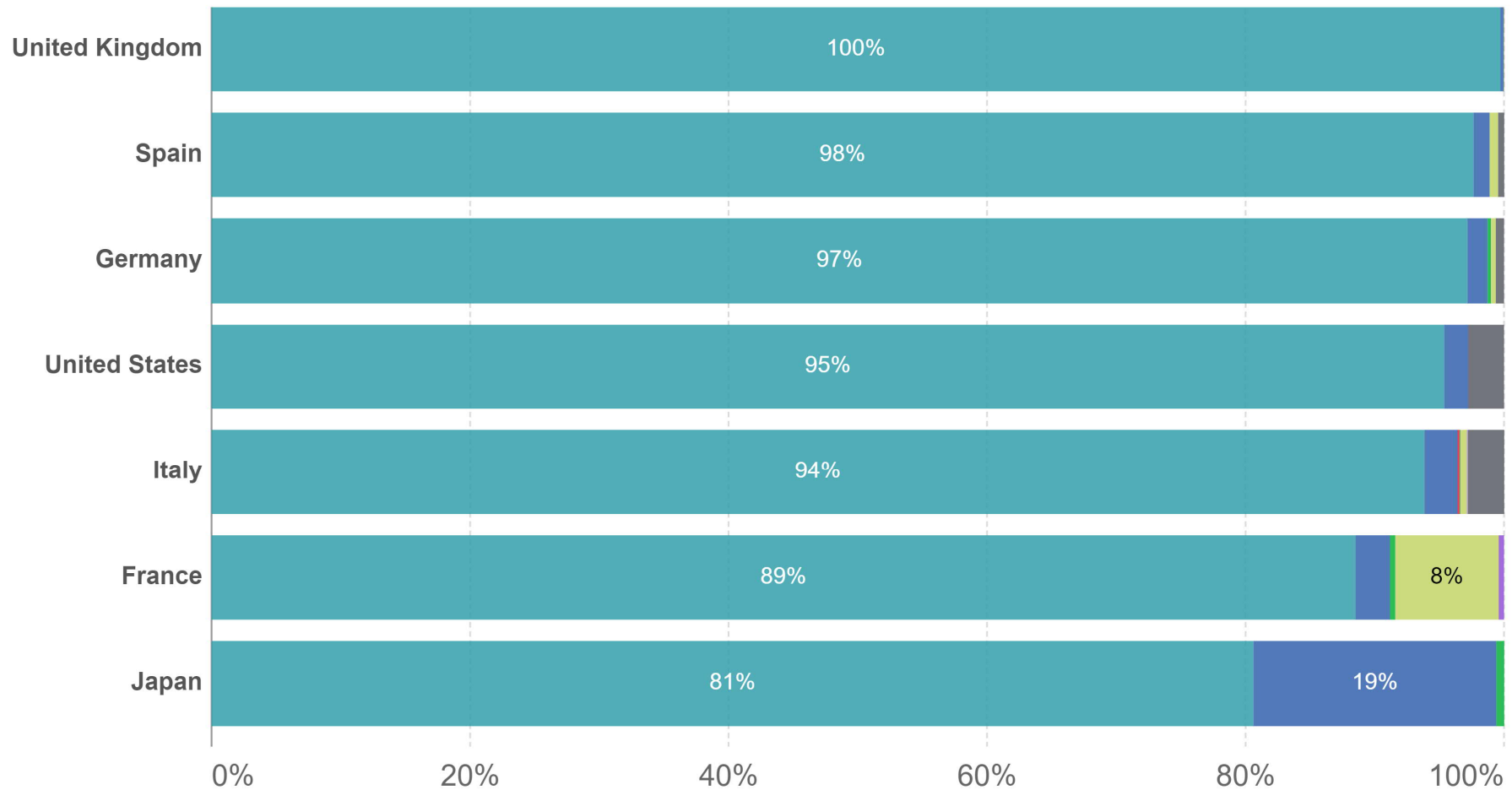
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SARS-CoV-2 sequences by variant



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

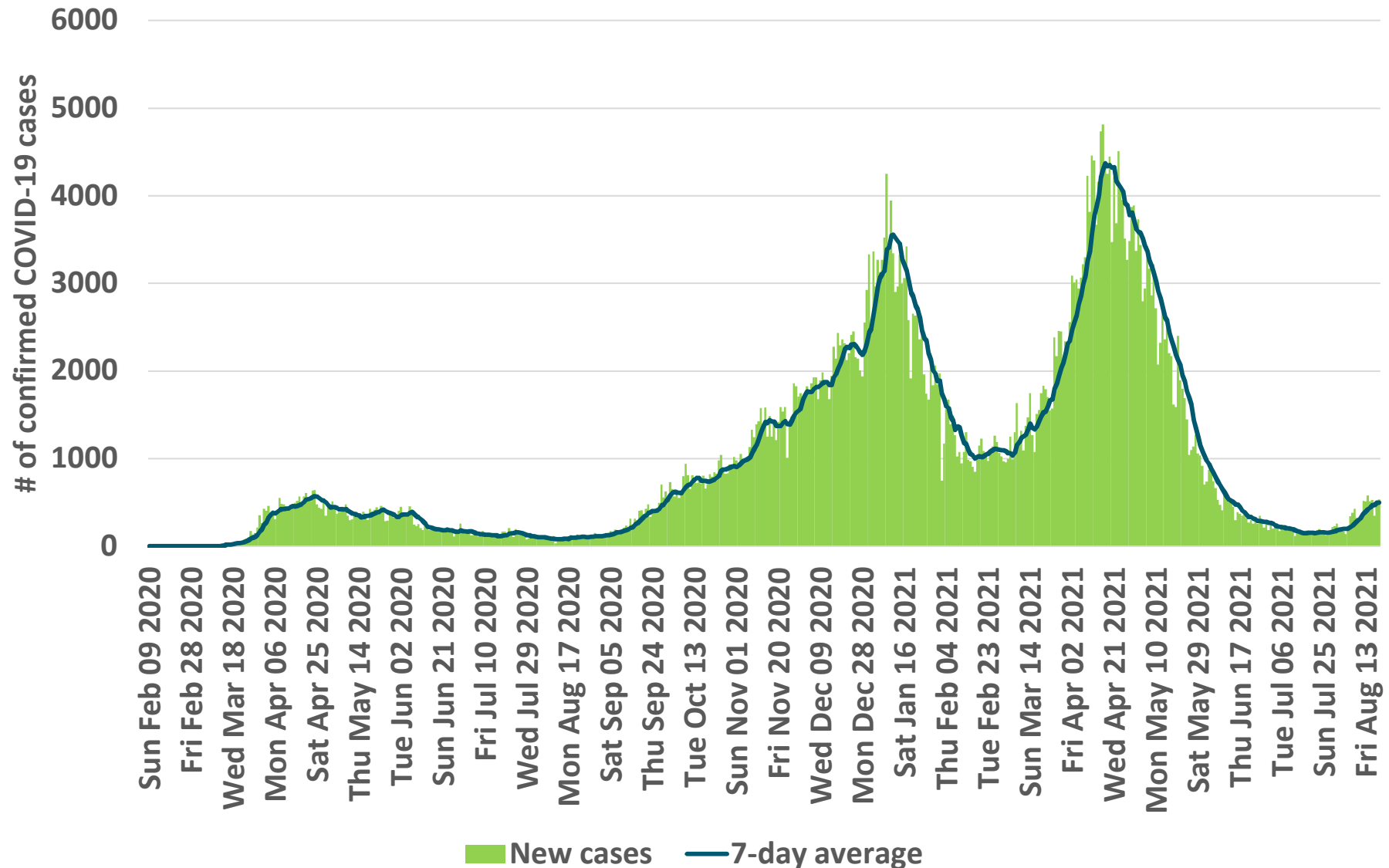


Source: CoVariants.org and GISAID

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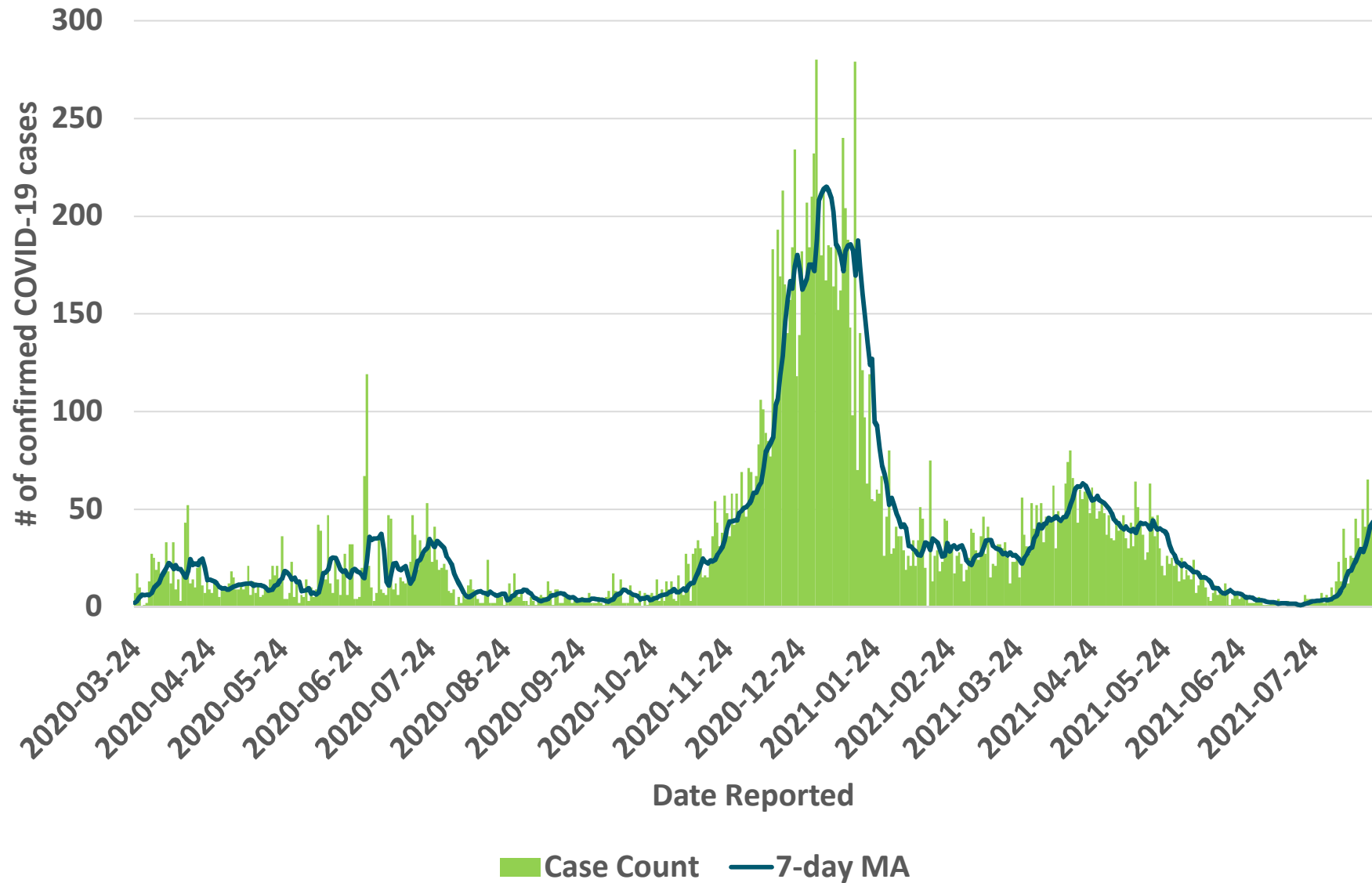
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Number of Cases in Ontario (Daily New cases and 7-day average)



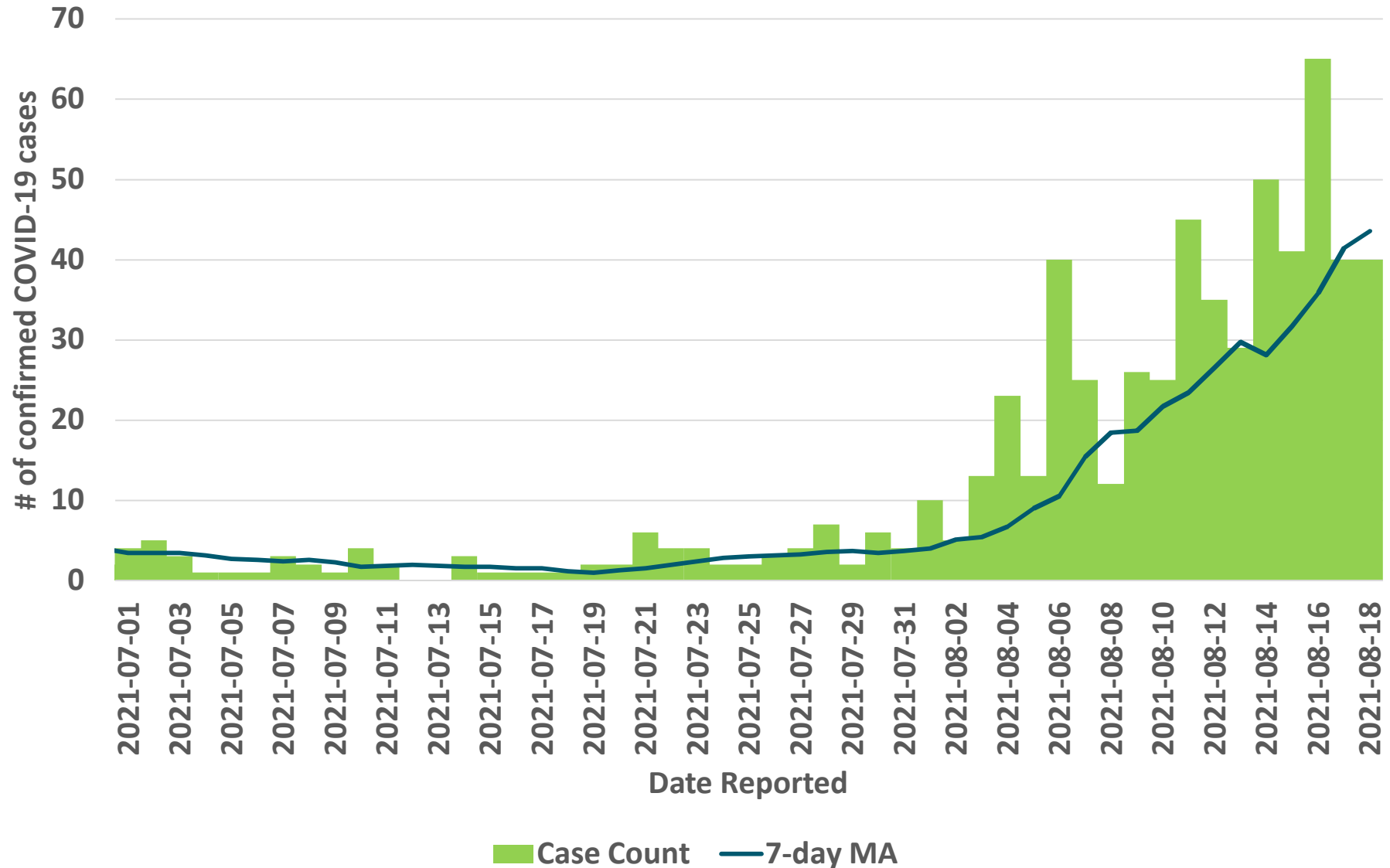
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Epidemic Curve by Reported Date in Windsor-Essex



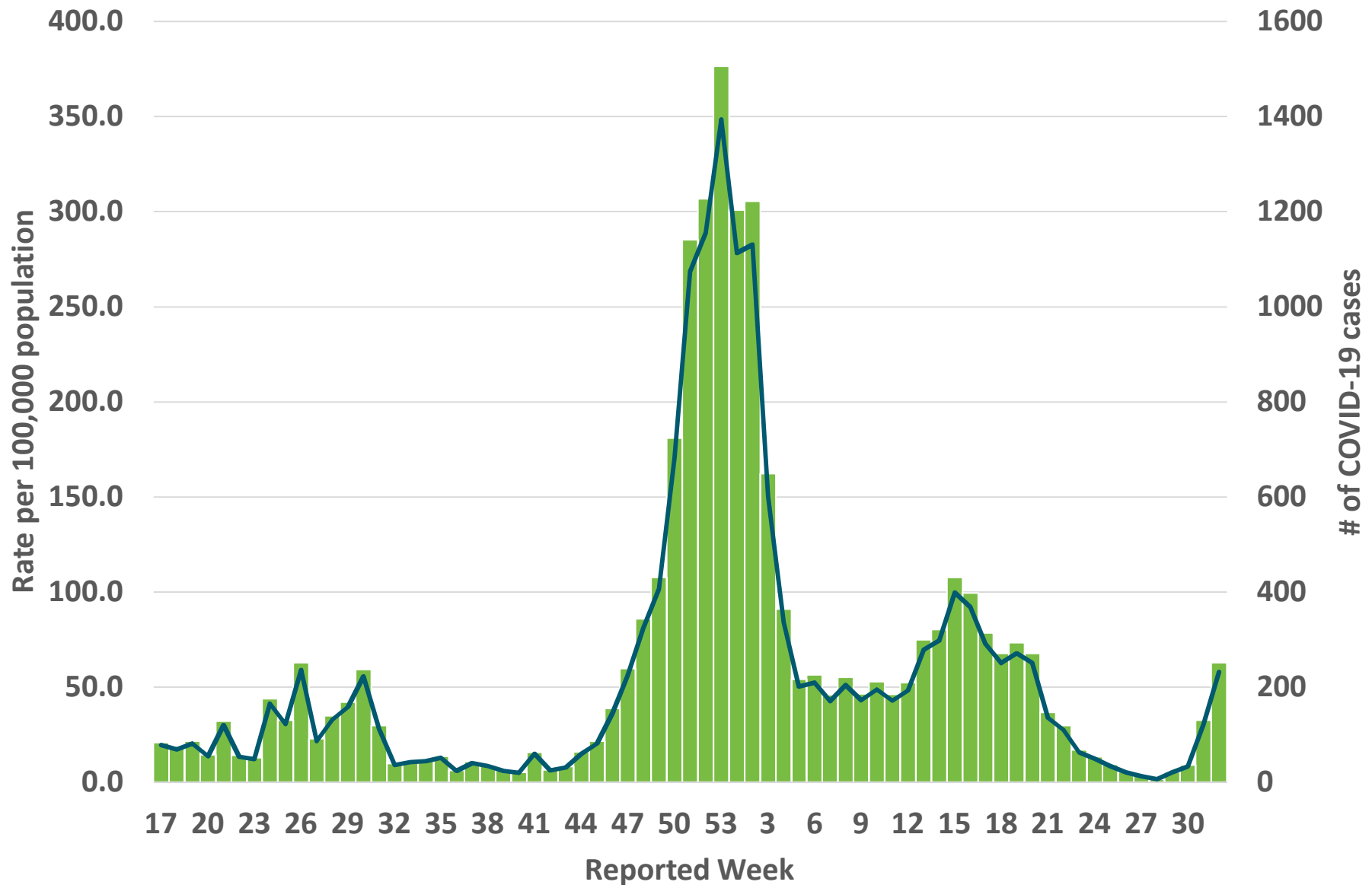
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Epidemic Curve by Reported Date in Windsor-Essex (July 2021 to Present)



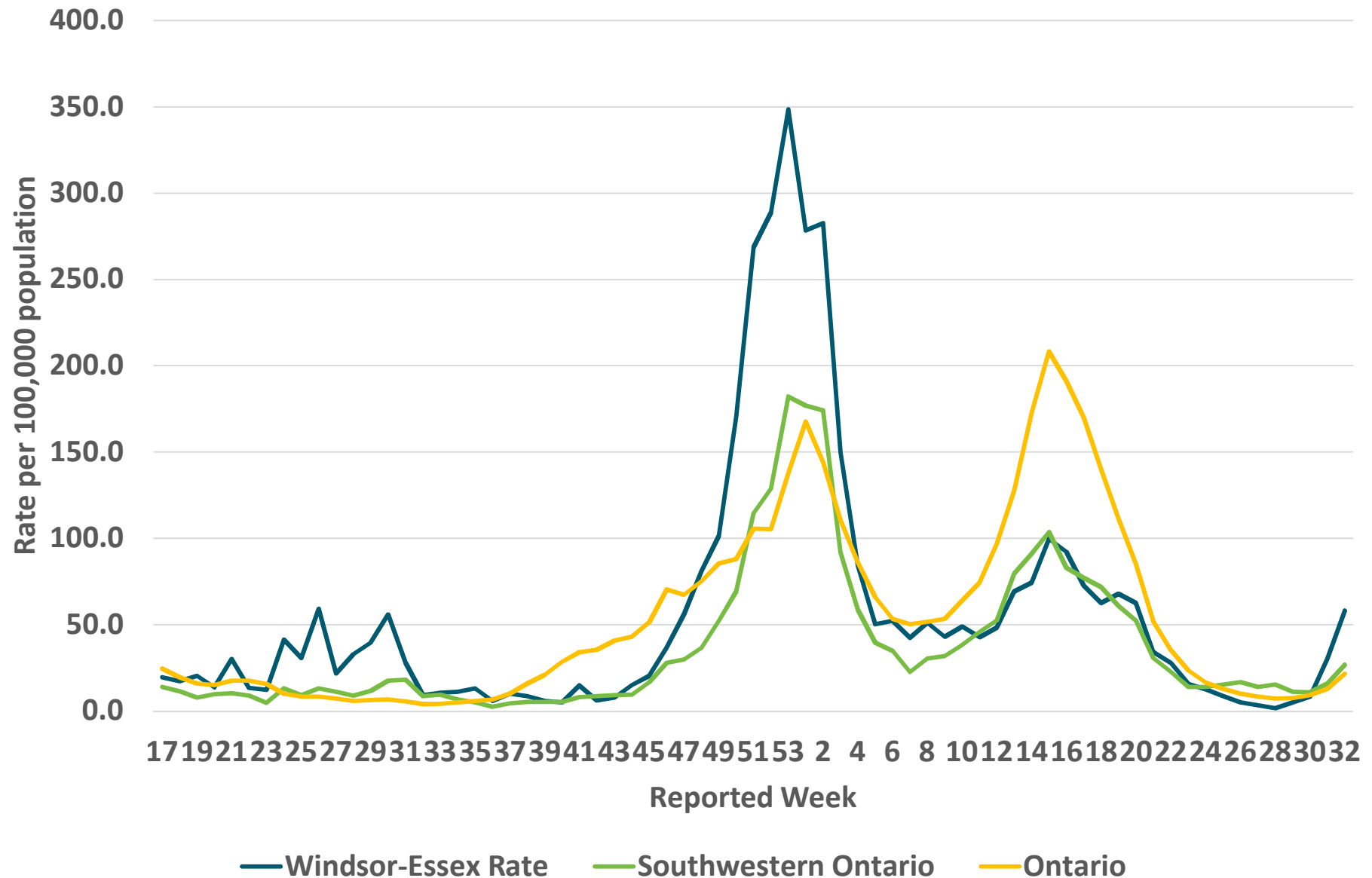
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Windsor-Essex Rate by Reported Week



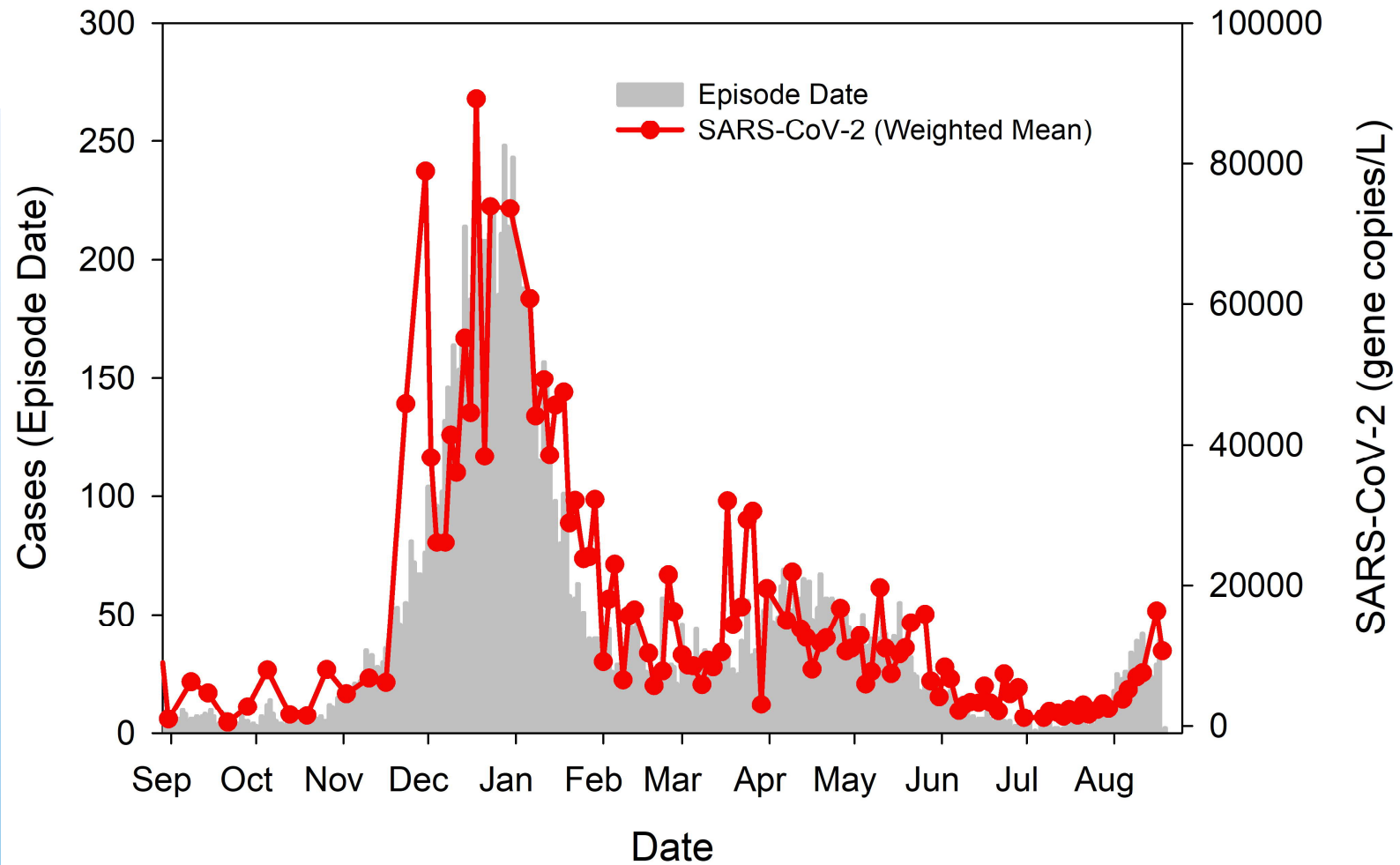
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Weekly Comparison of Rates in Ontario



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Windsor-Essex Wastewater Data



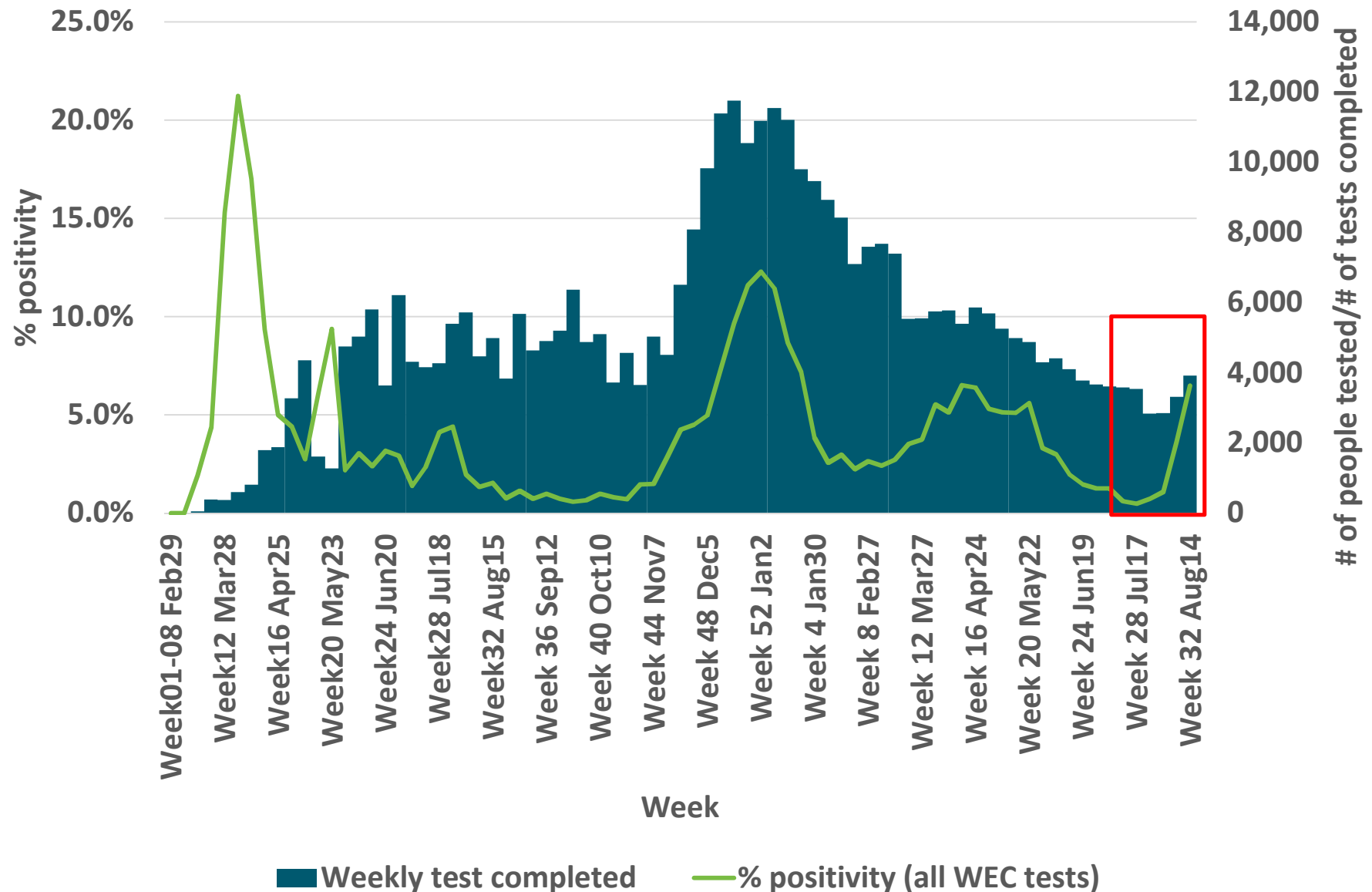
GLIER
GREAT LAKES INSTITUTE FOR
ENVIRONMENTAL RESEARCH
at the University of Windsor



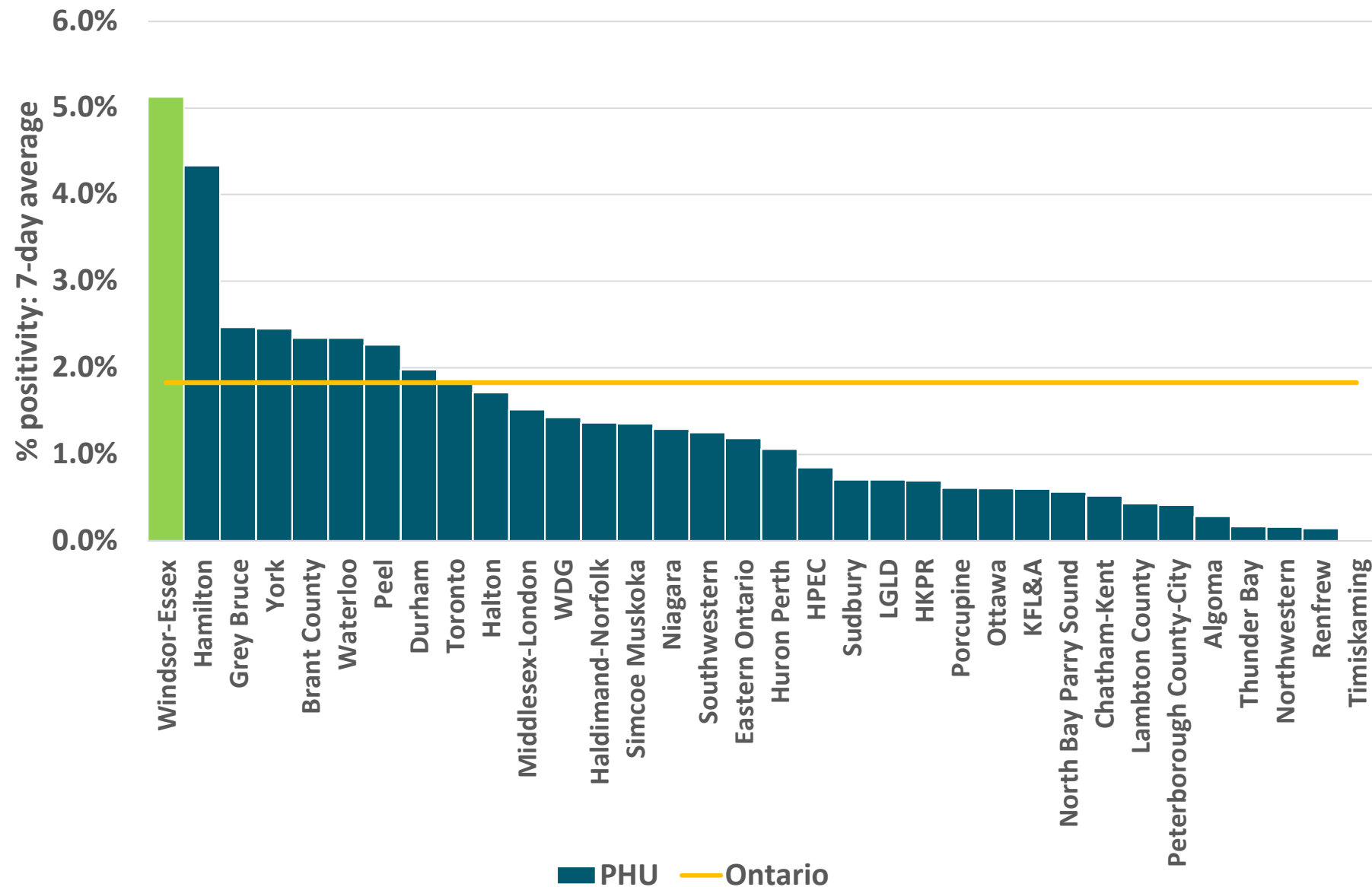
University
of Windsor

uwindsor.ca/GLIER

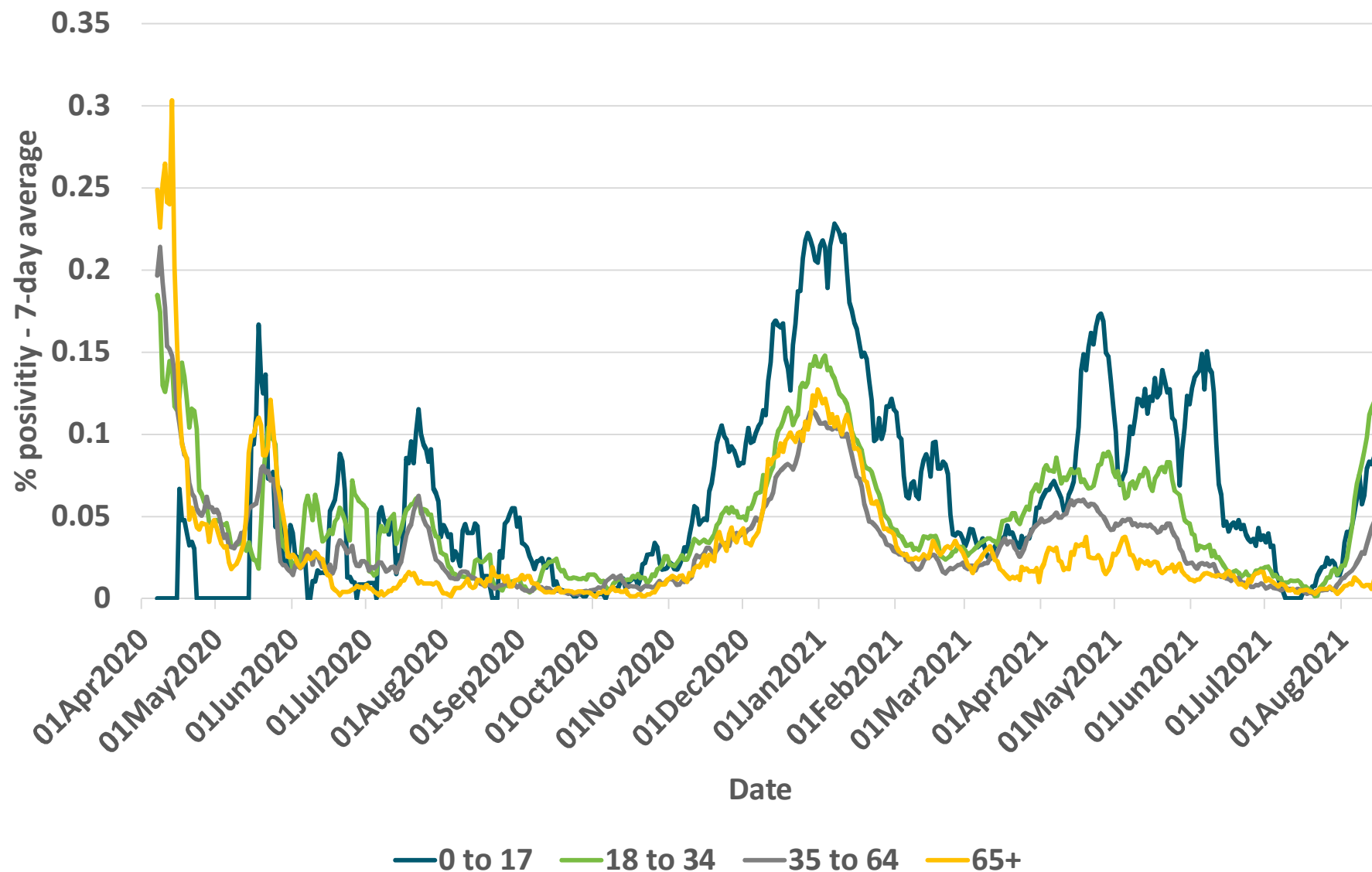
Percent Positivity by Week by All Tests



% Positivity in Ontario: 7-Day Average

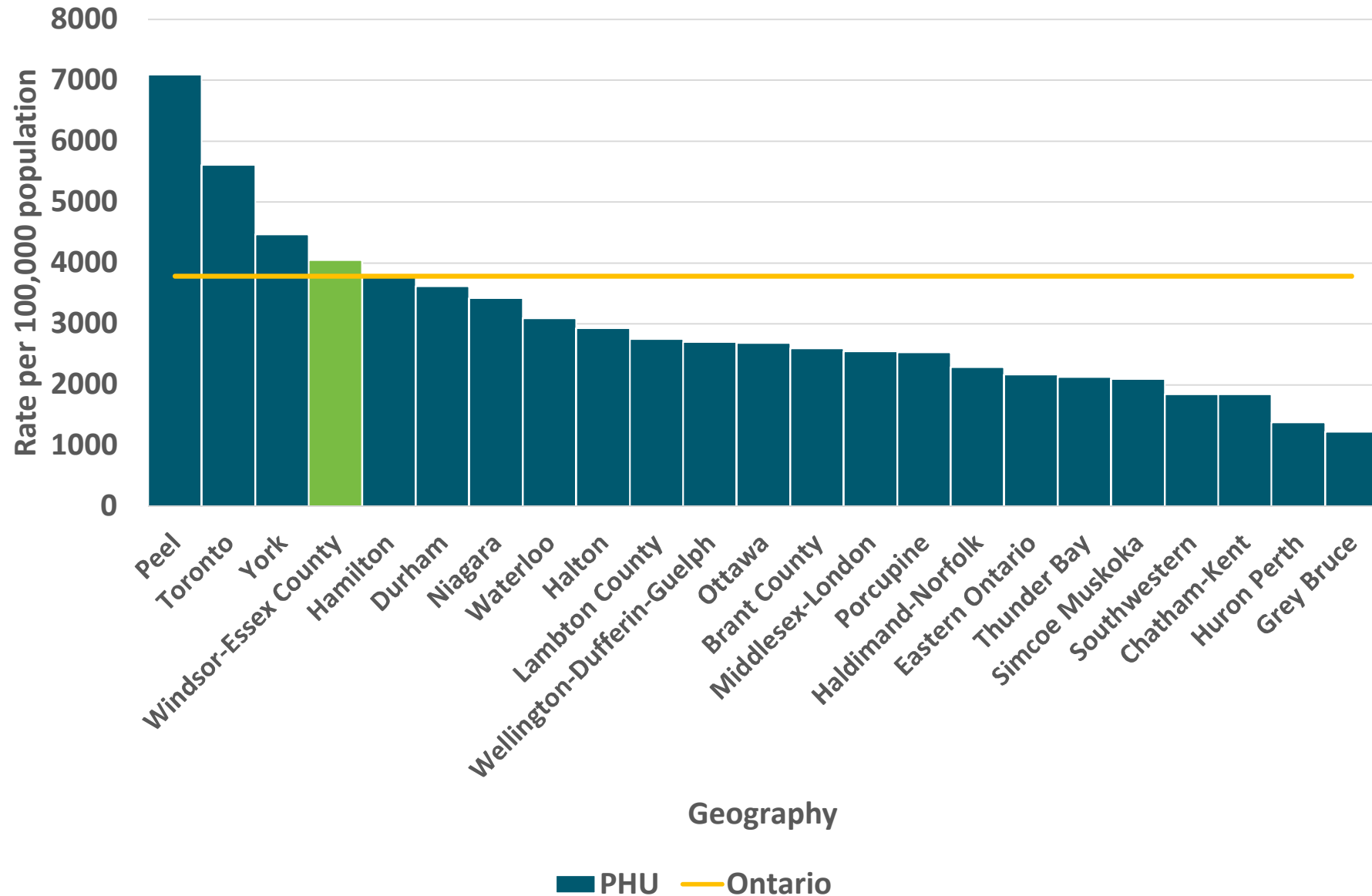


% Positivity in Windsor-Essex by Age: 7-Day Average



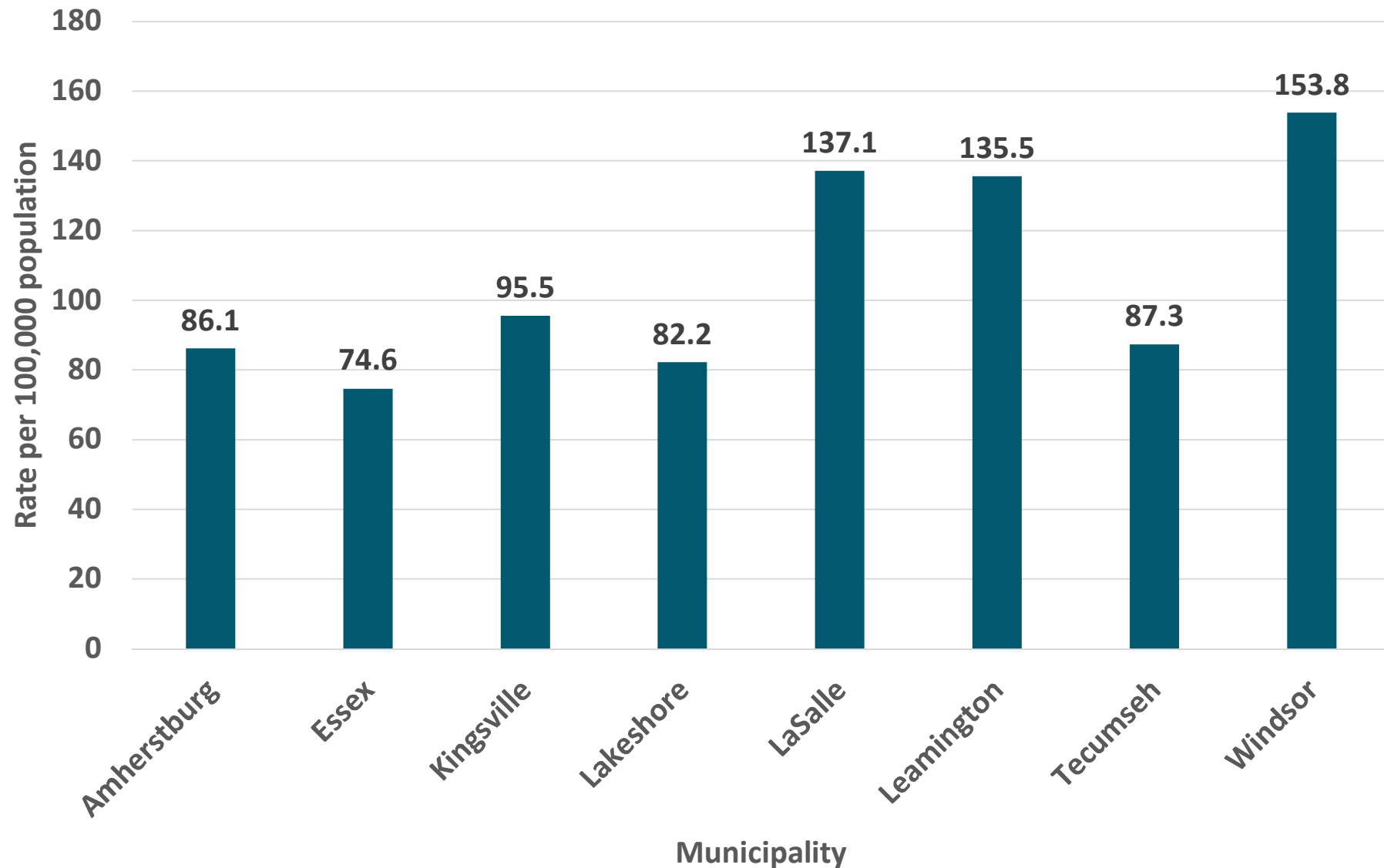
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Cumulative Regional & Provincial Rates

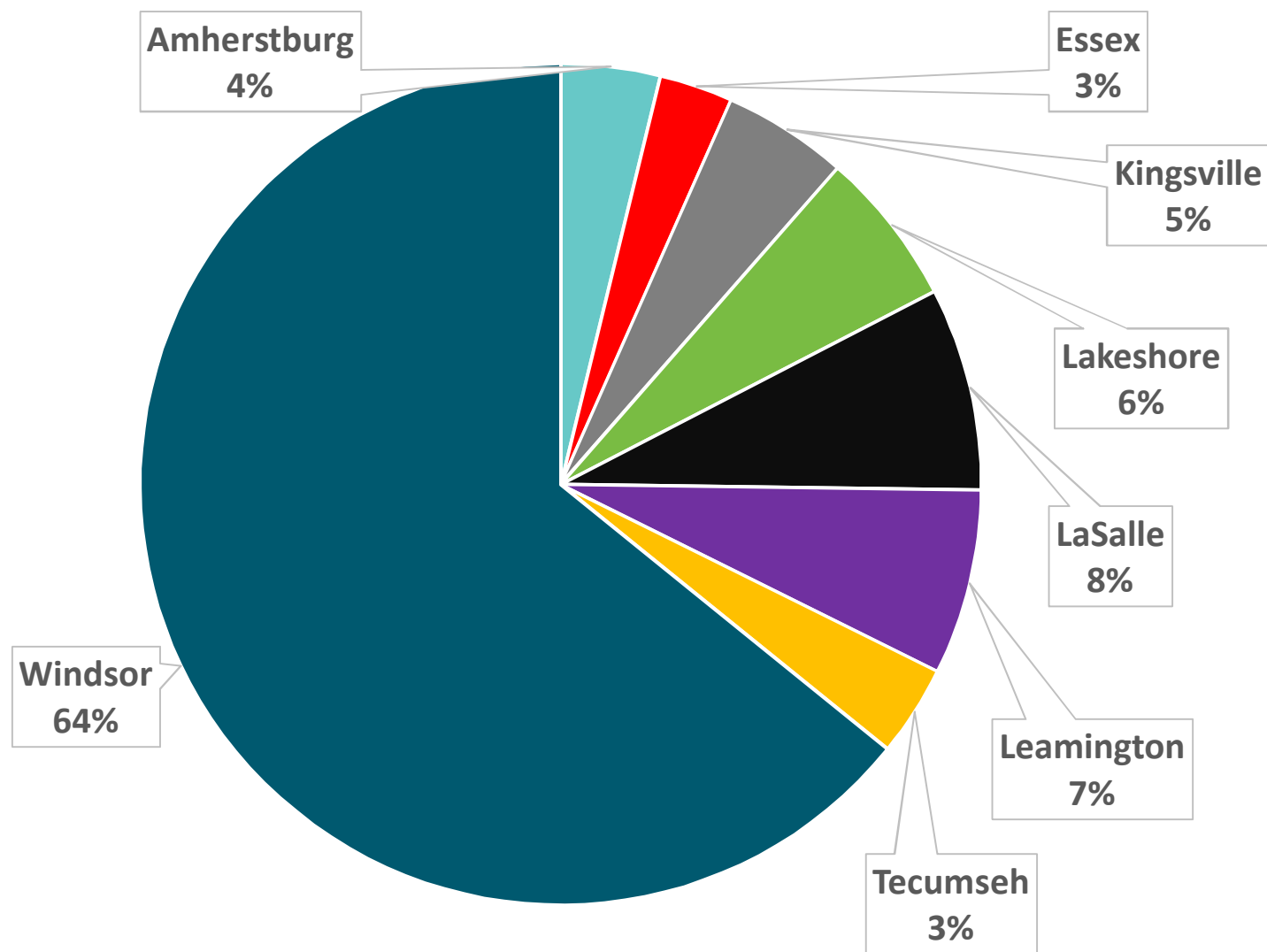


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Rate per 100,000 by Municipality (August to Present)

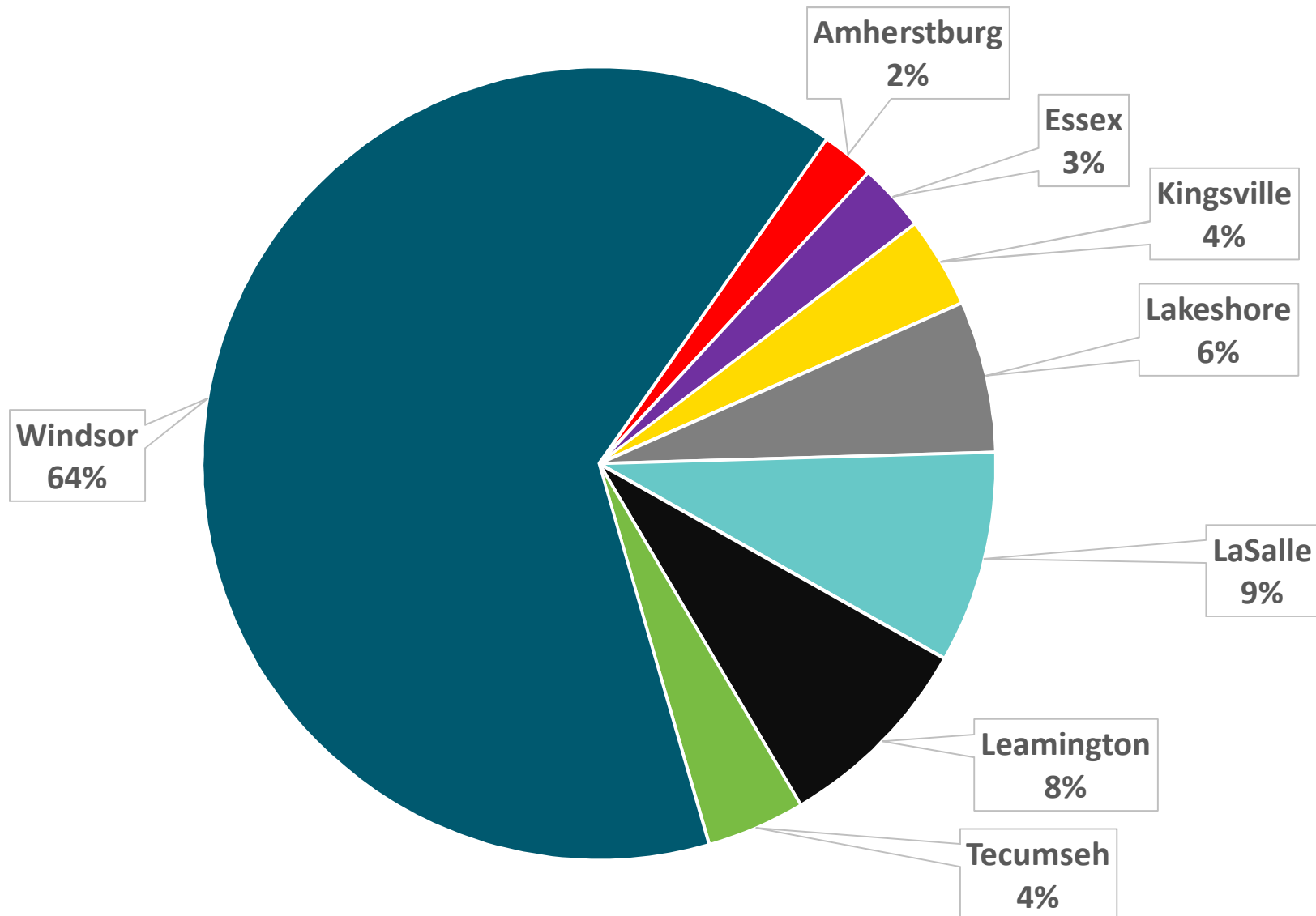


Distribution of COVID-19 Cases by Municipality in last 30 days (July 20 to August 18)



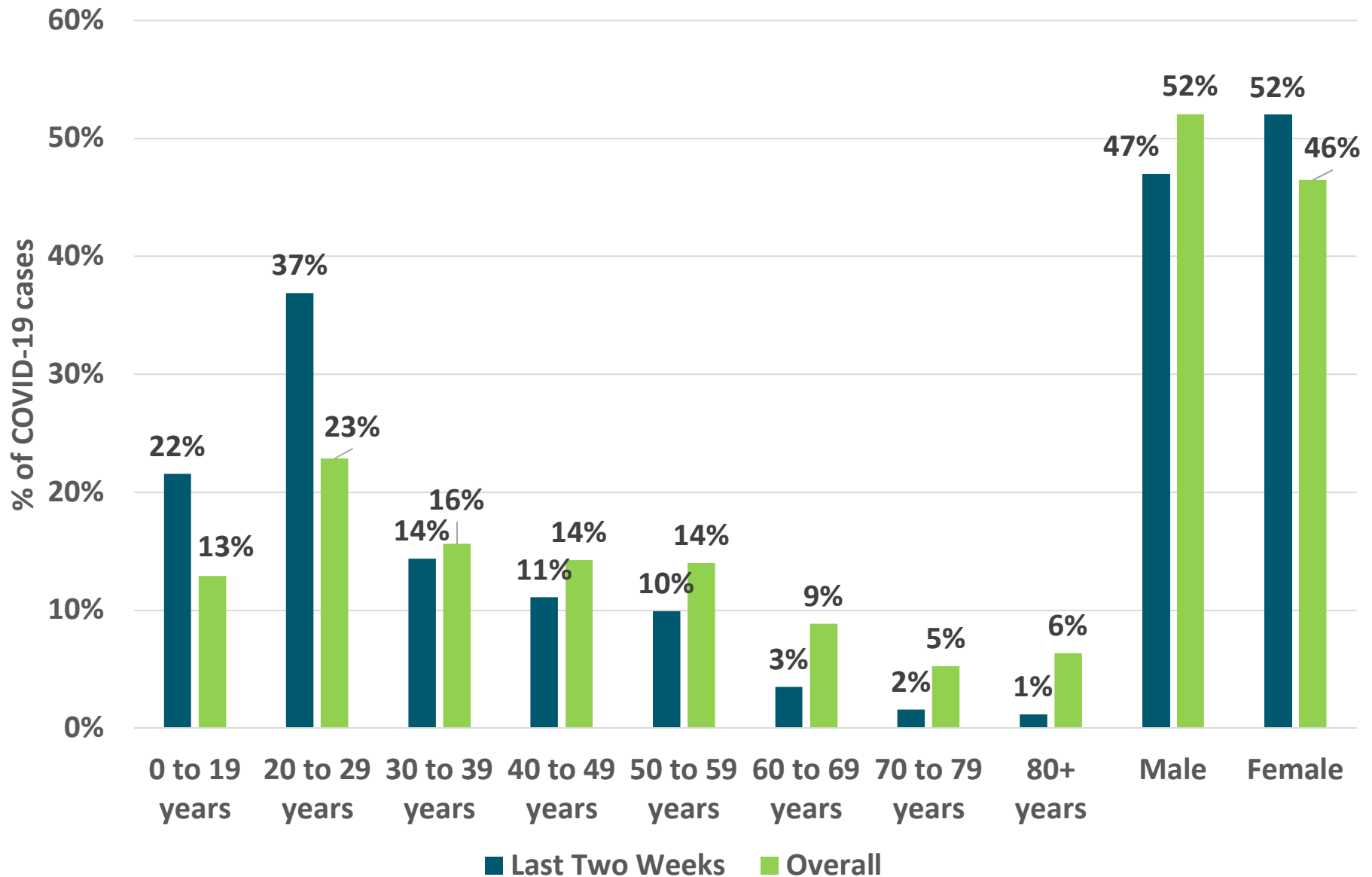
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Distribution of COVID-19 Cases by Municipality in last 7 days (August 12 to August 18)



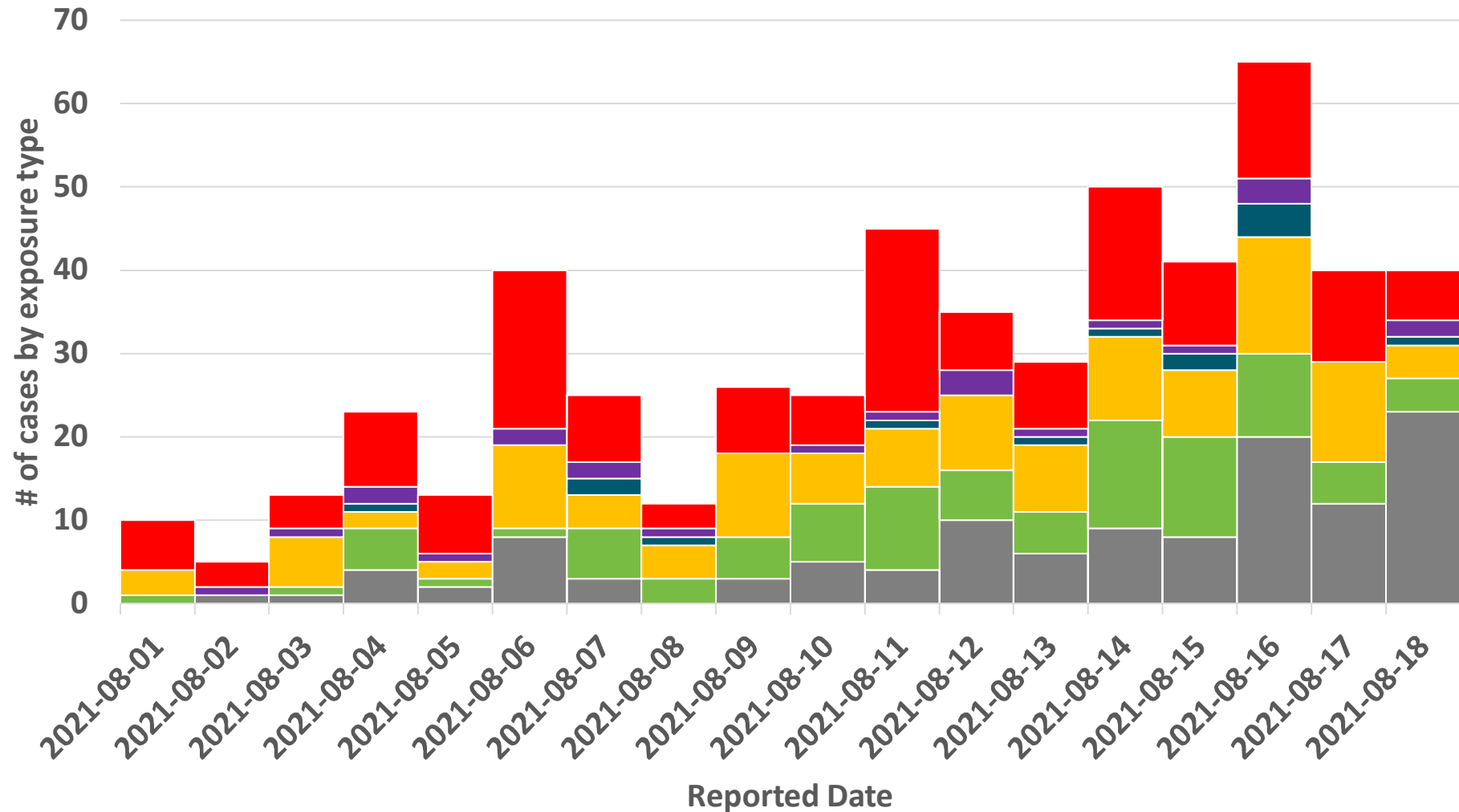
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Age & Sex Distribution



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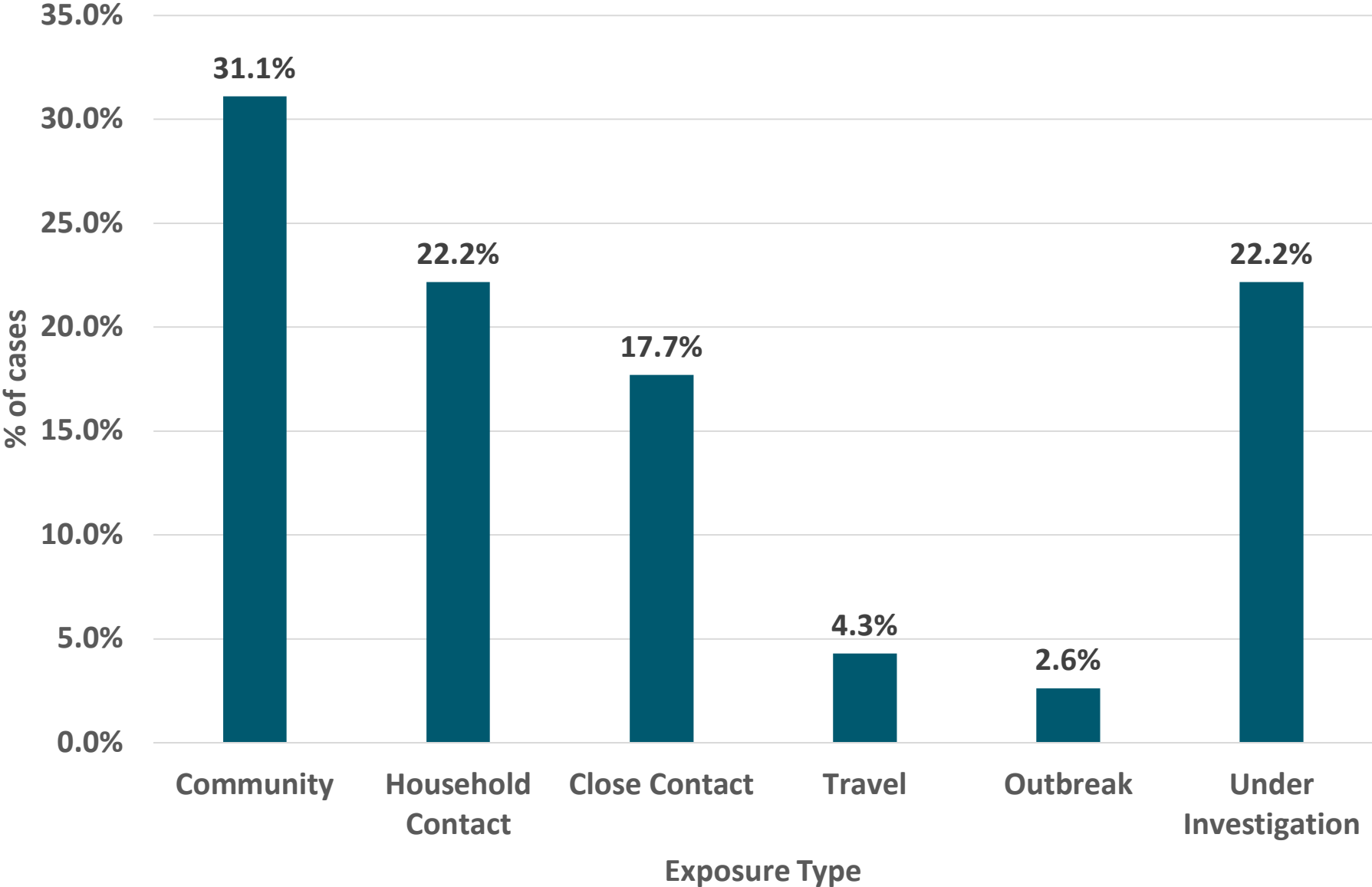
Exposure History by Reported Date (August to Present)



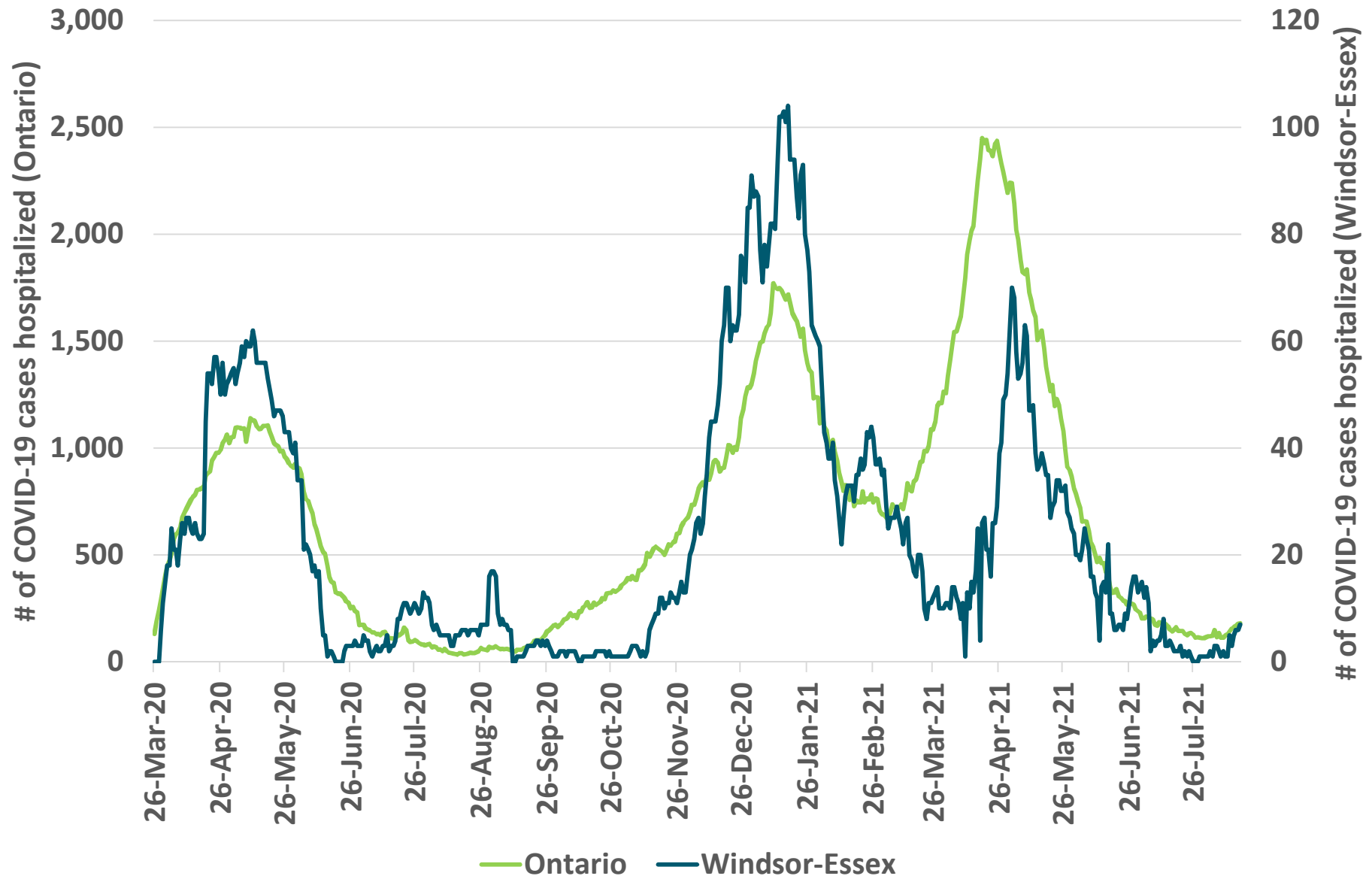
■ Under Investigation ■ Close Contact ■ Household Contact ■ Outbreak ■ Travel ■ Community

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Source of Acquisition (August to Present)

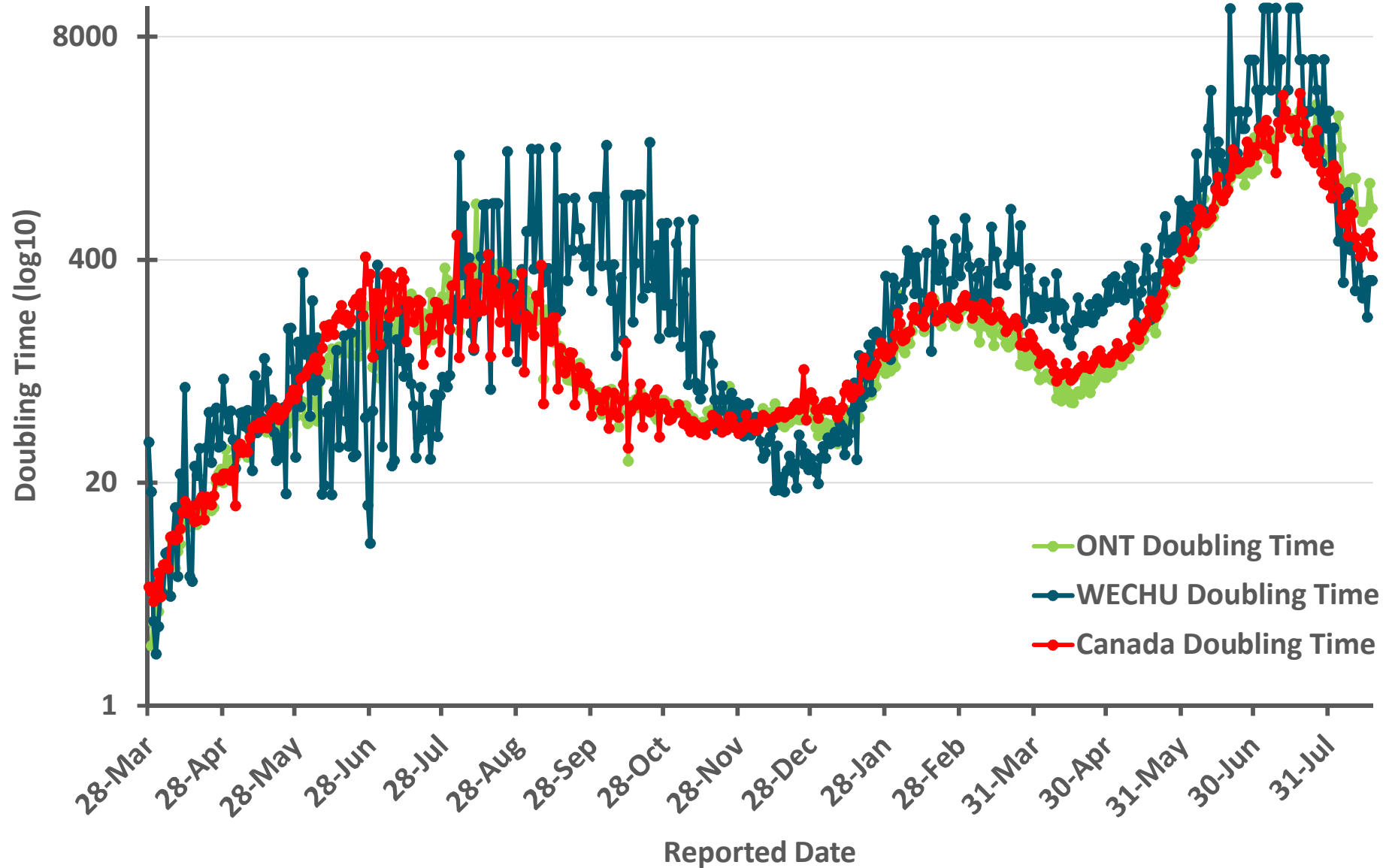


COVID-19 In-Patient Hospitalizations



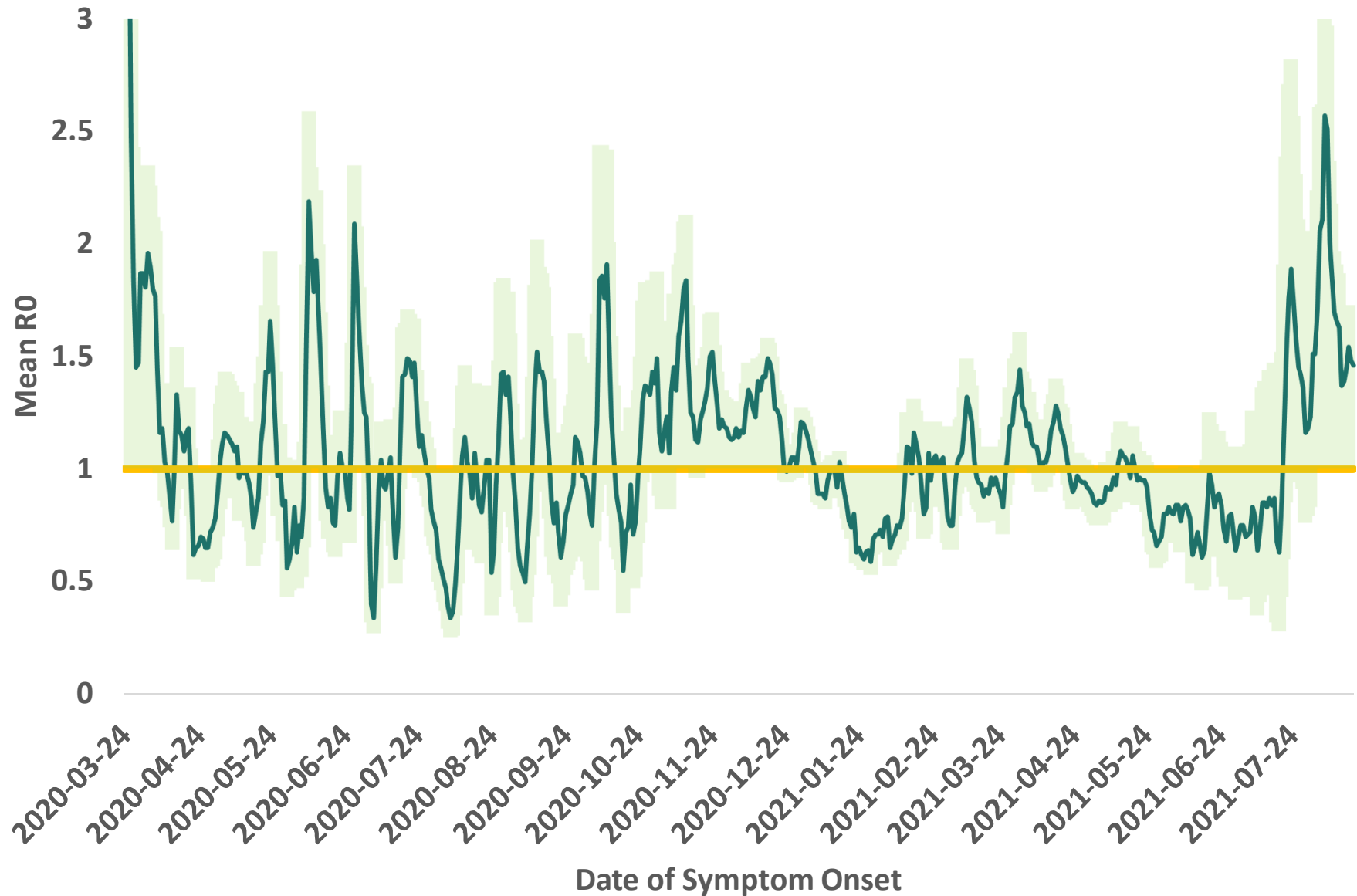
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Doubling Time (Day over Day Comparison)



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Median R0 (Effective)



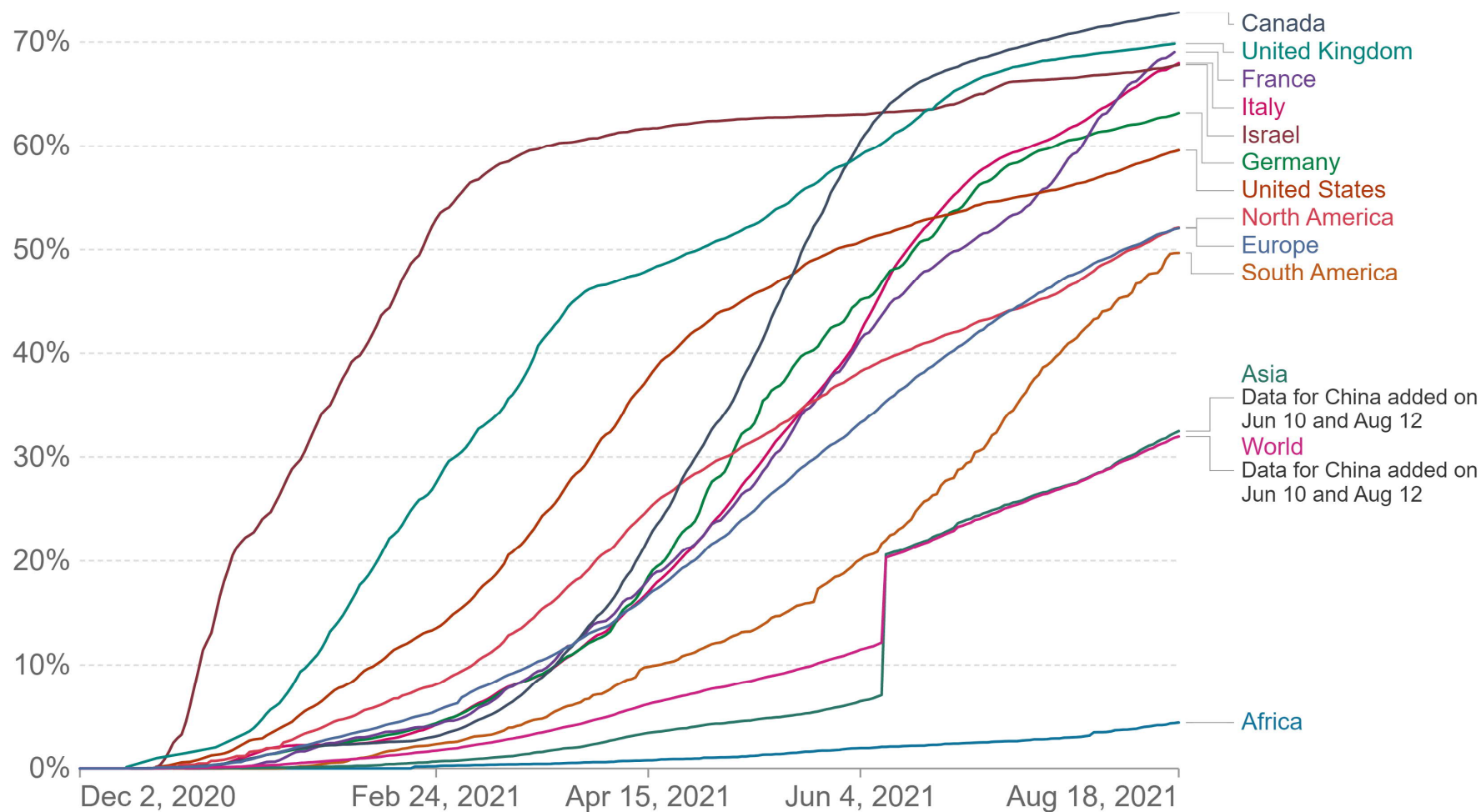
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COVID-19 Vaccine Status

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

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. This data is only available for countries which report the breakdown of doses administered by first and second doses.

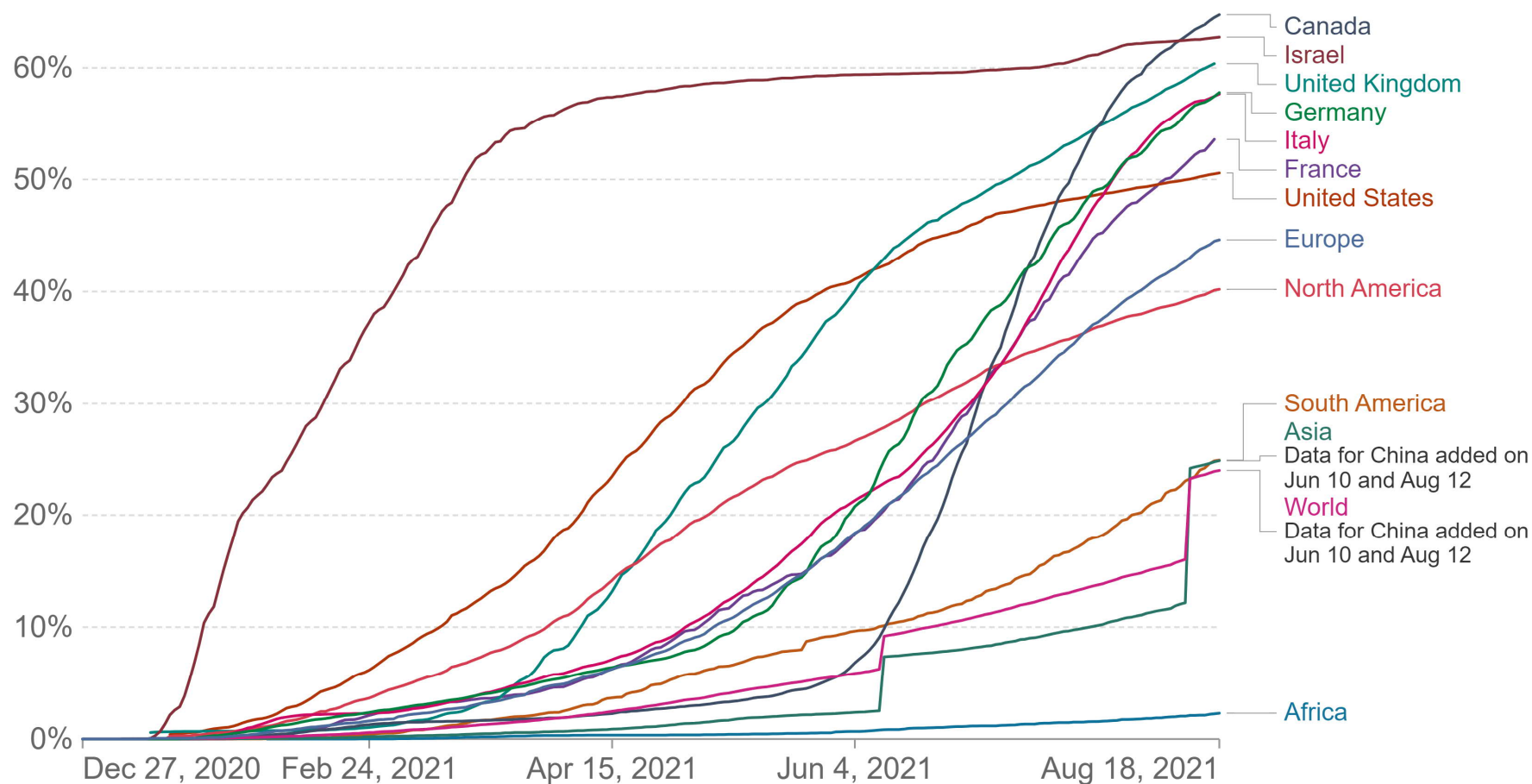
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Share of the population fully vaccinated against COVID-19

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

Our World
in Data

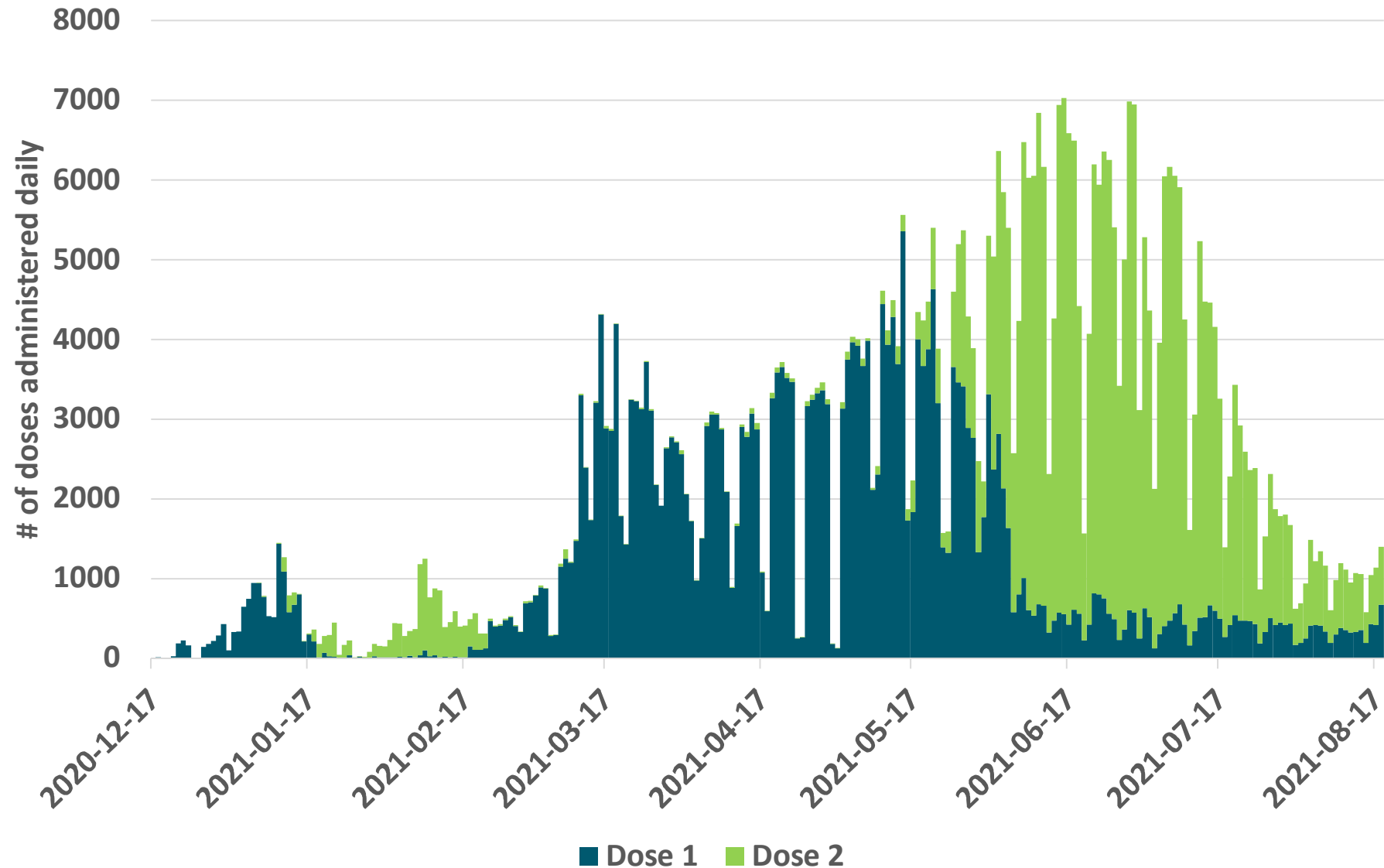


Source: Official data collated by Our World in Data. This data is only available for countries which report the breakdown of doses administered by first and second doses. Alternative definitions of a full vaccination, e.g. having been infected with SARS-CoV-2 and having 1 dose of a 2-dose protocol, are ignored to maximize comparability between countries.

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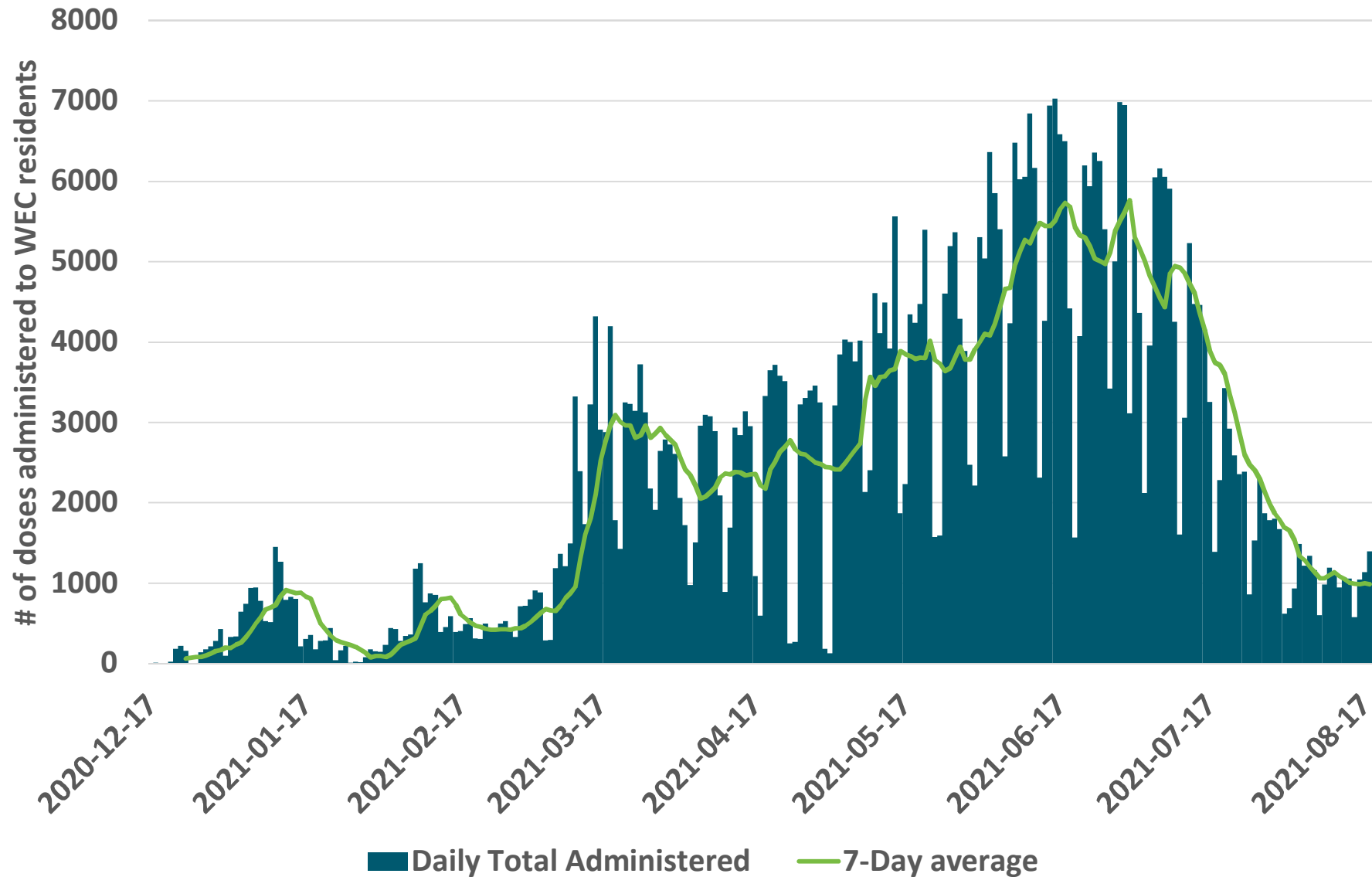
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Number of Vaccine Doses Administered Daily to Windsor-Essex Residents



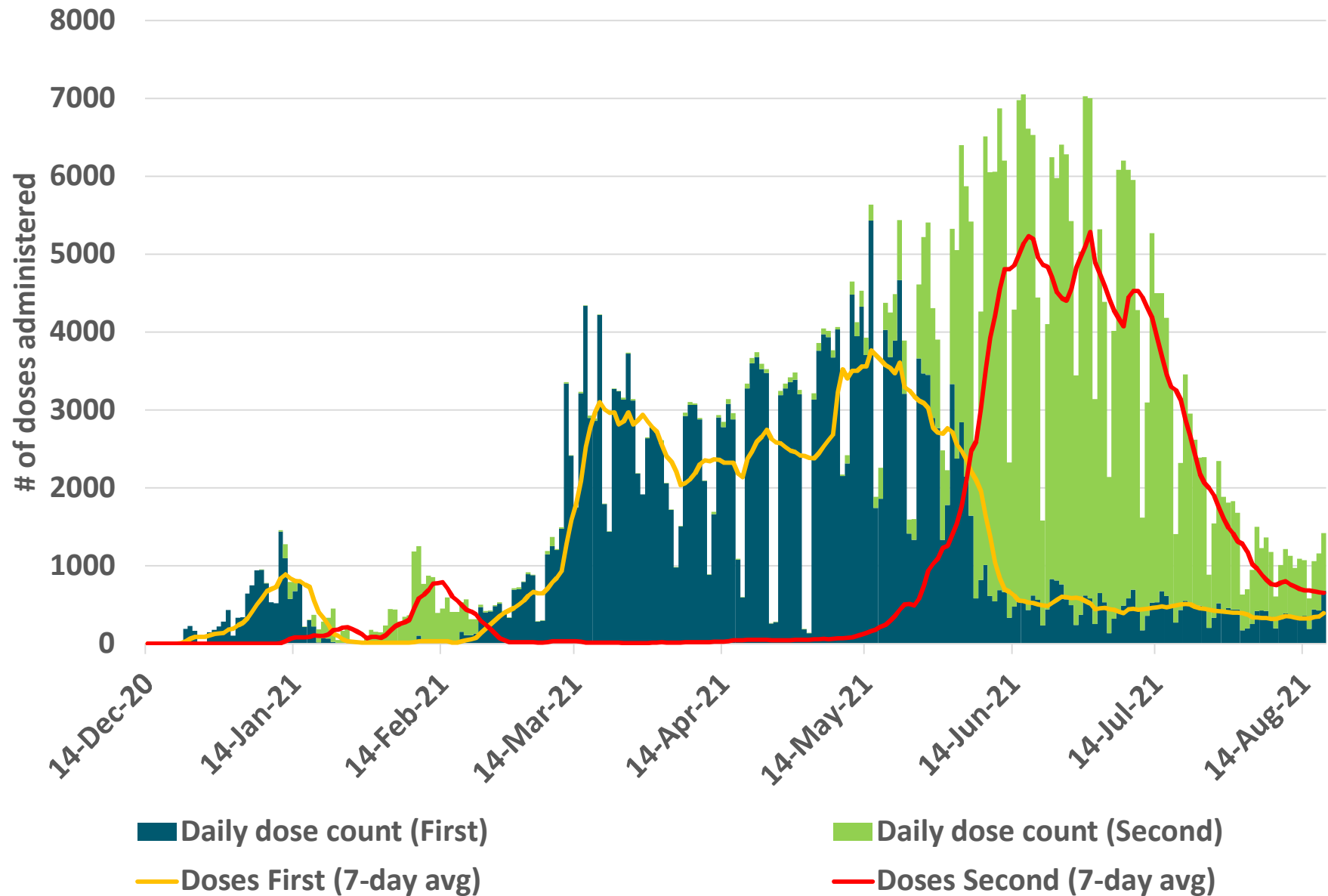
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Daily Doses Administered to Windsor-Essex Residents



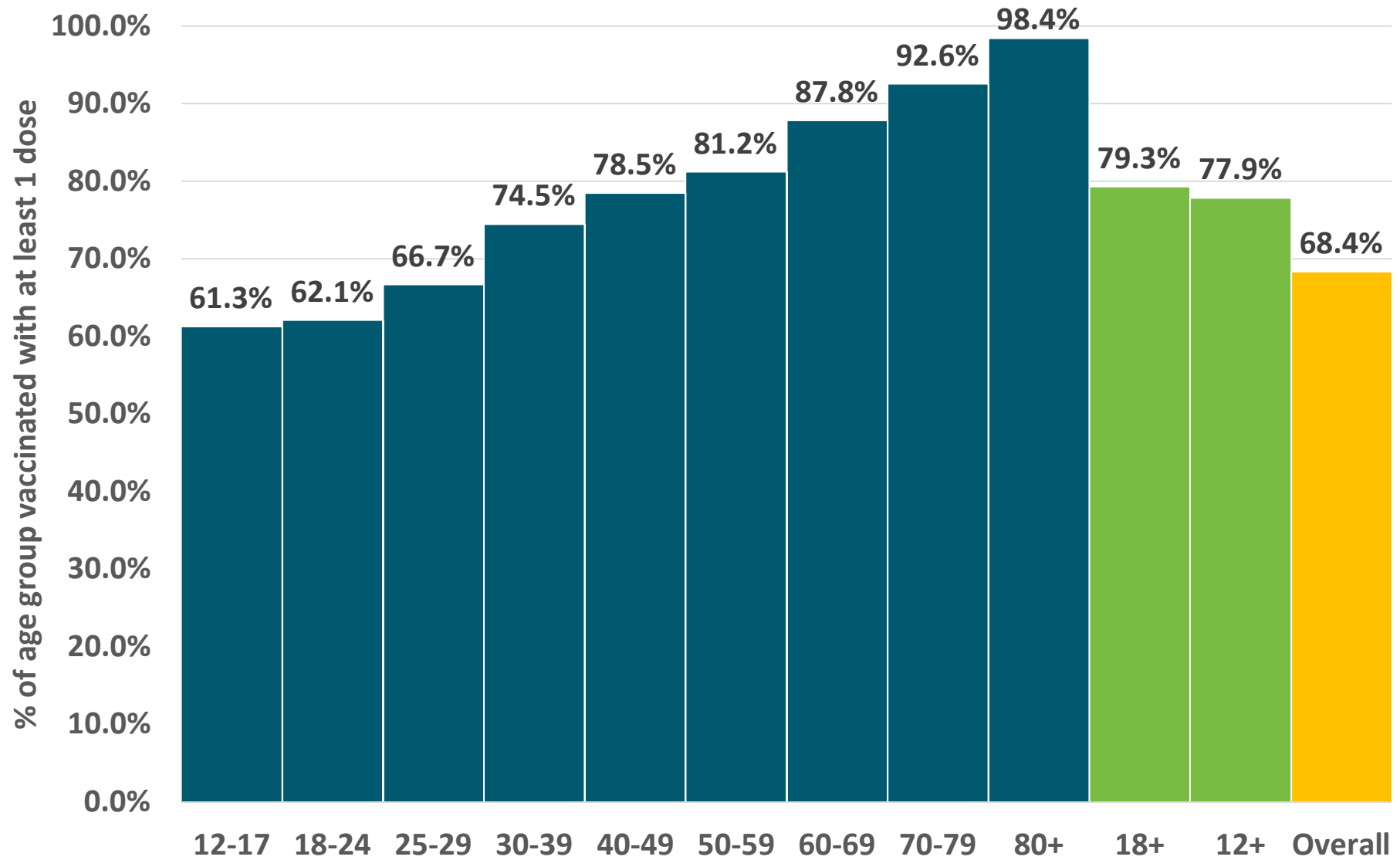
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Daily Doses Administered in Windsor-Essex by Dose



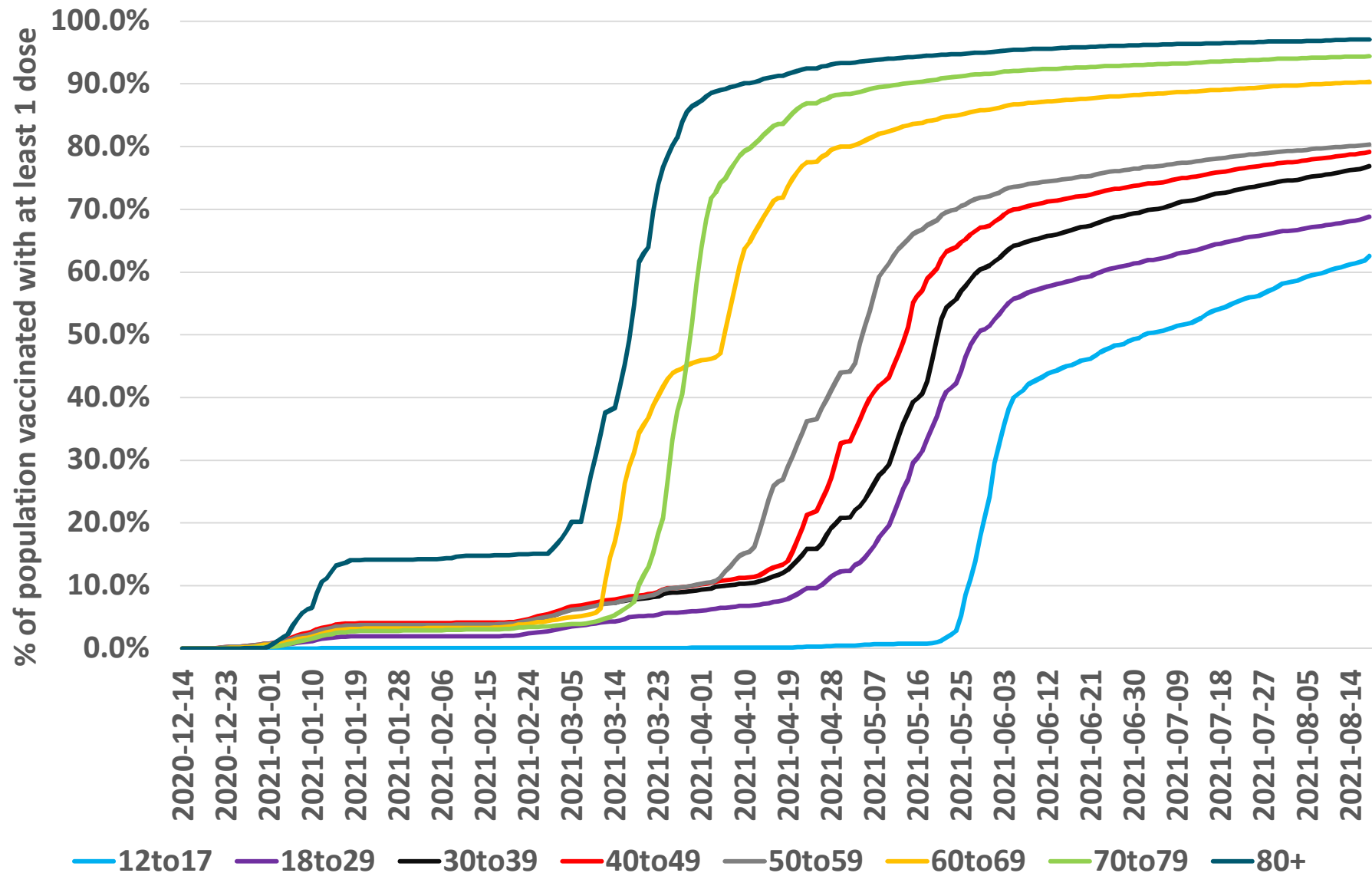
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WEC Residents Vaccinated With At Least One Dose by Age Group



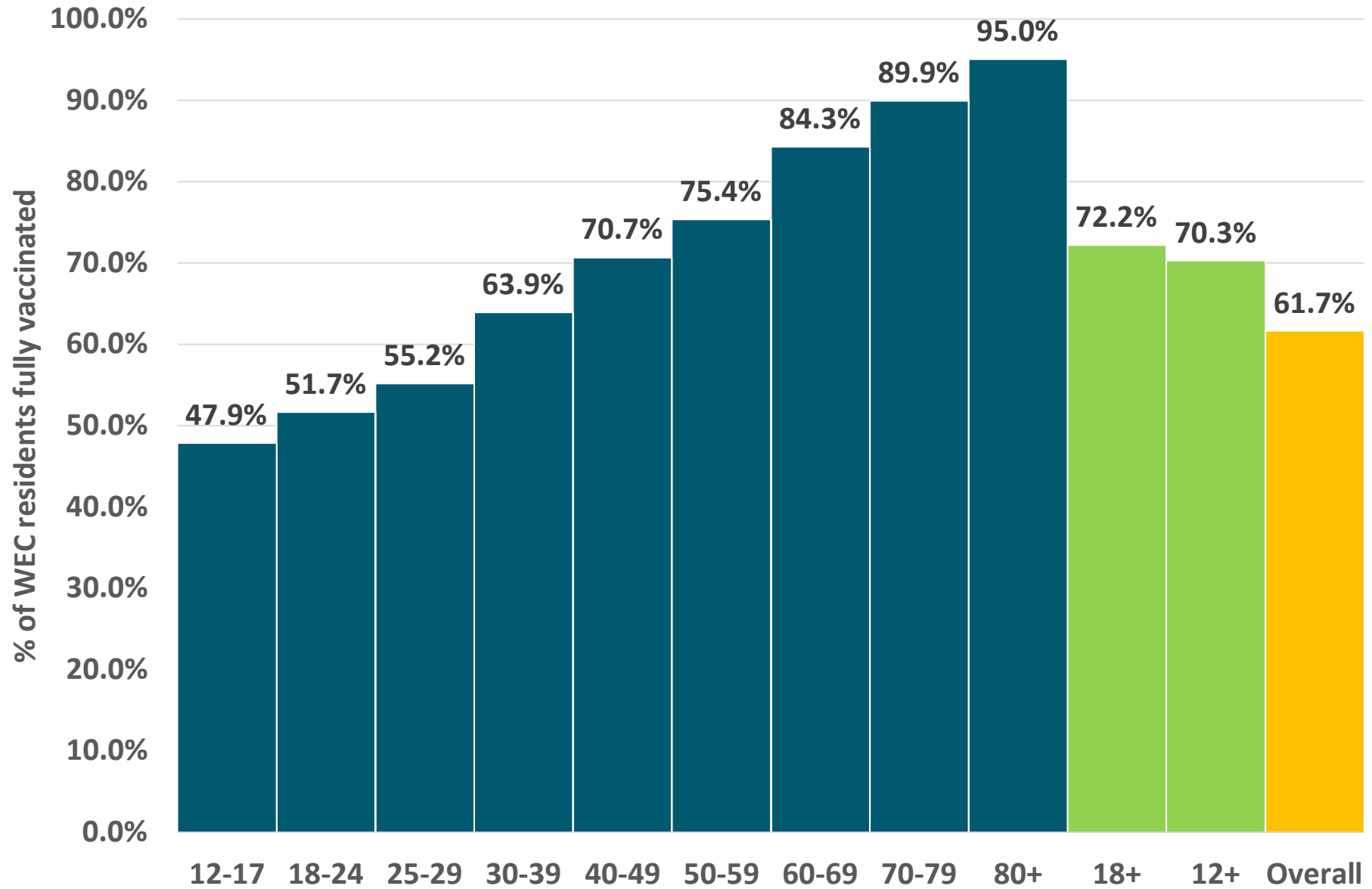
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Percentage of Population With at Least One Dose by Age Group and Week in Windsor-Essex



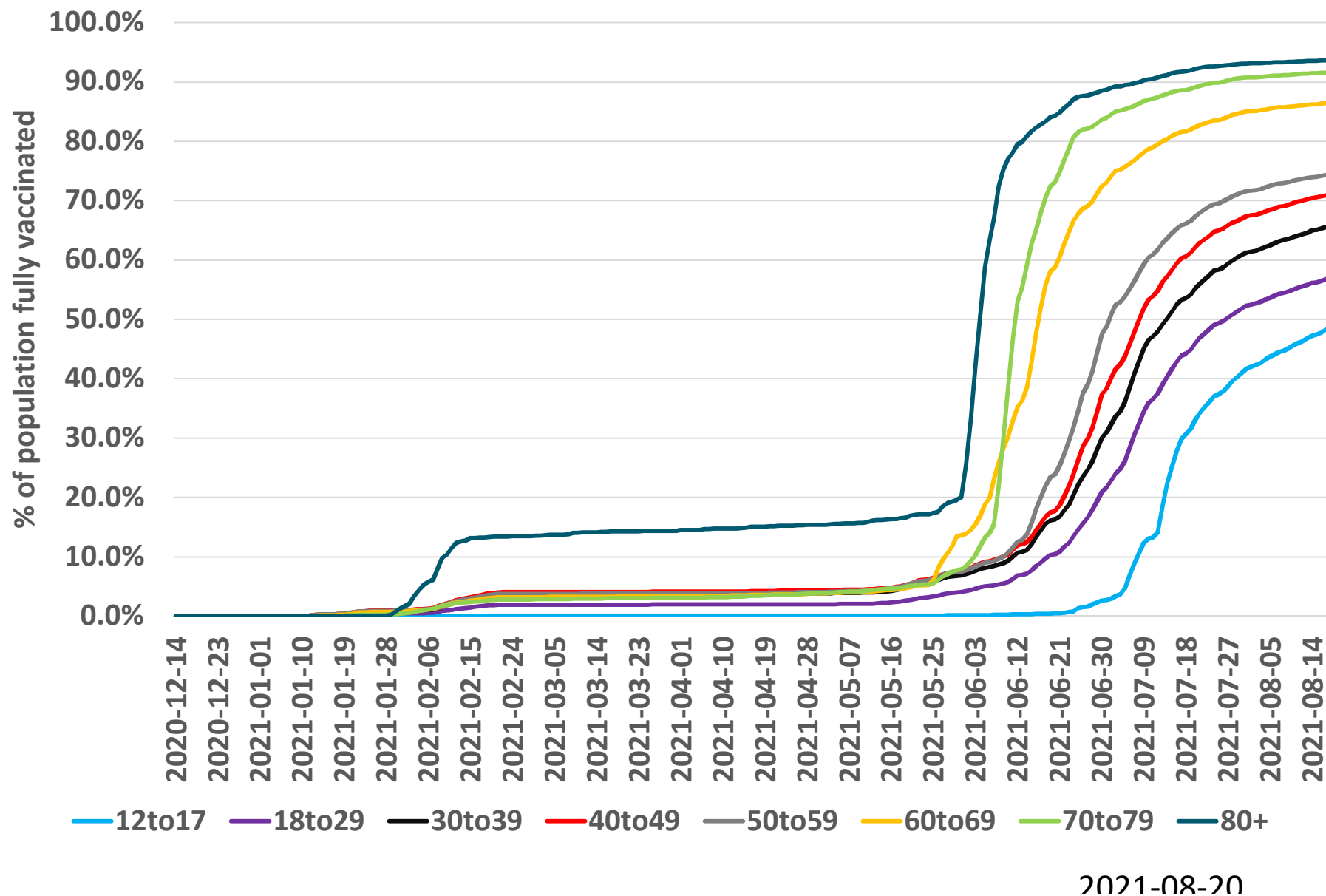
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WEC Residents Fully Vaccinated by Age Group

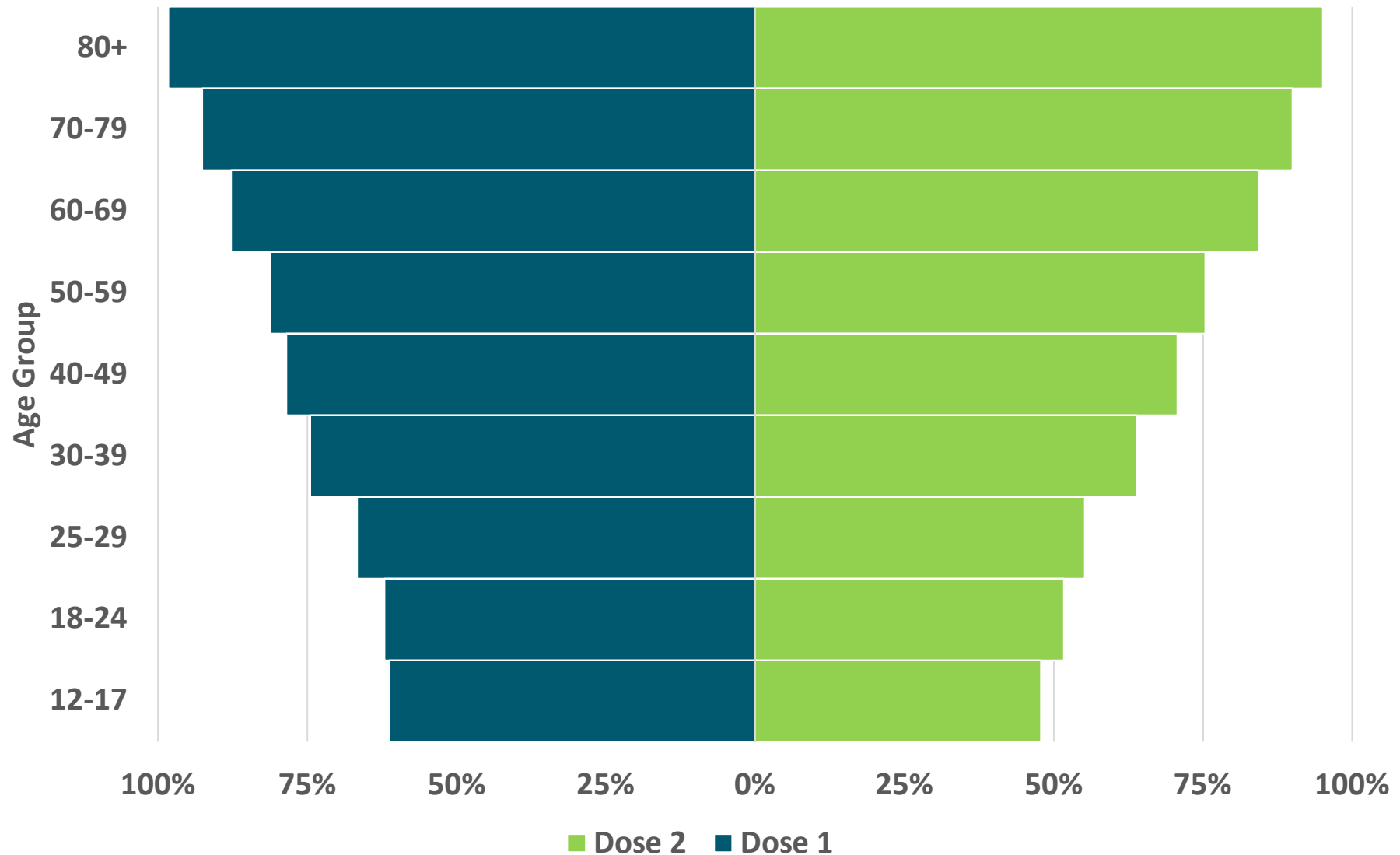


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Percentage of Population Fully Vaccinated by Age Group in Windsor-Essex

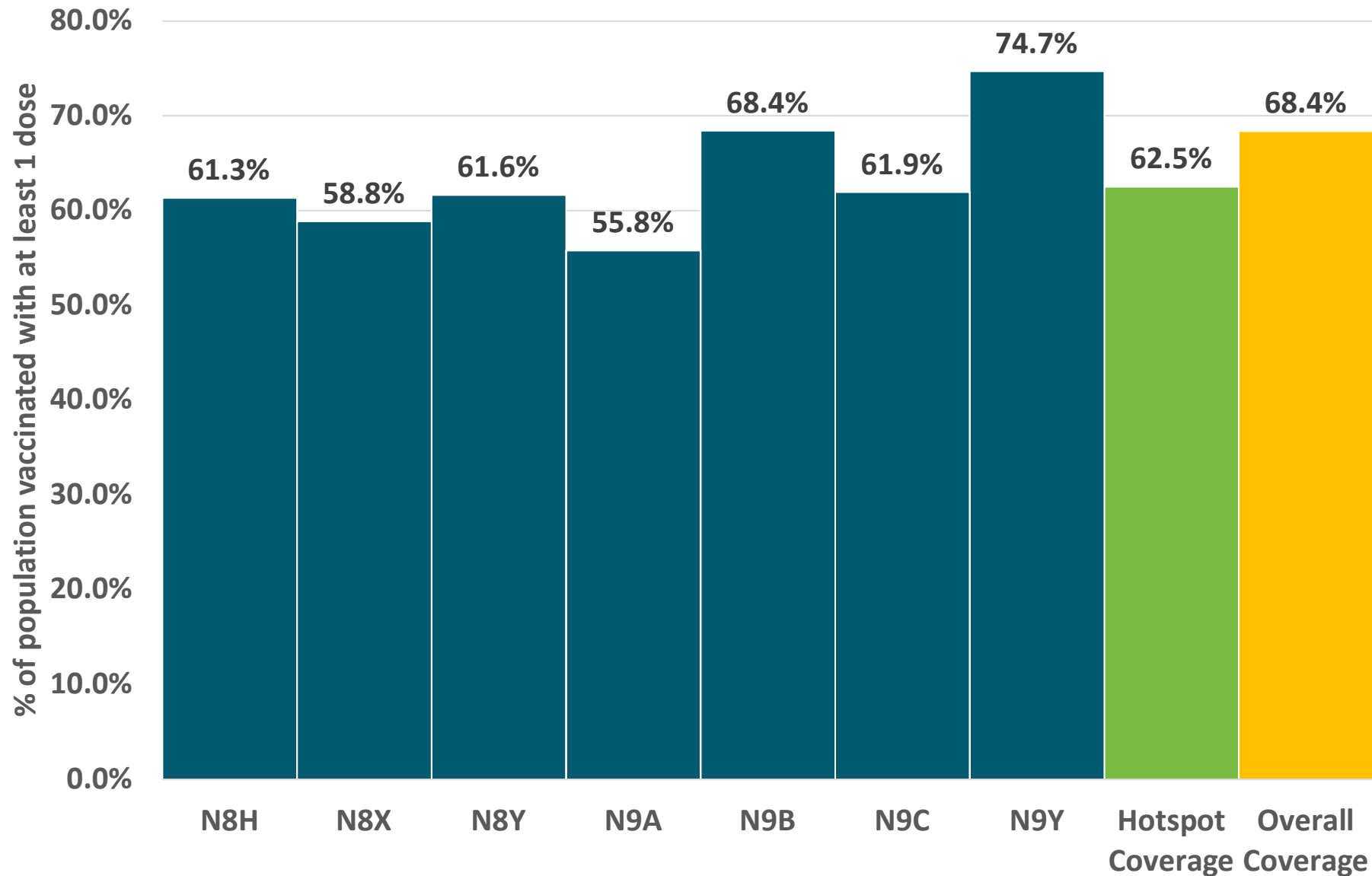


First and Second Dose Coverage Rate by Age Group in Windsor-Essex



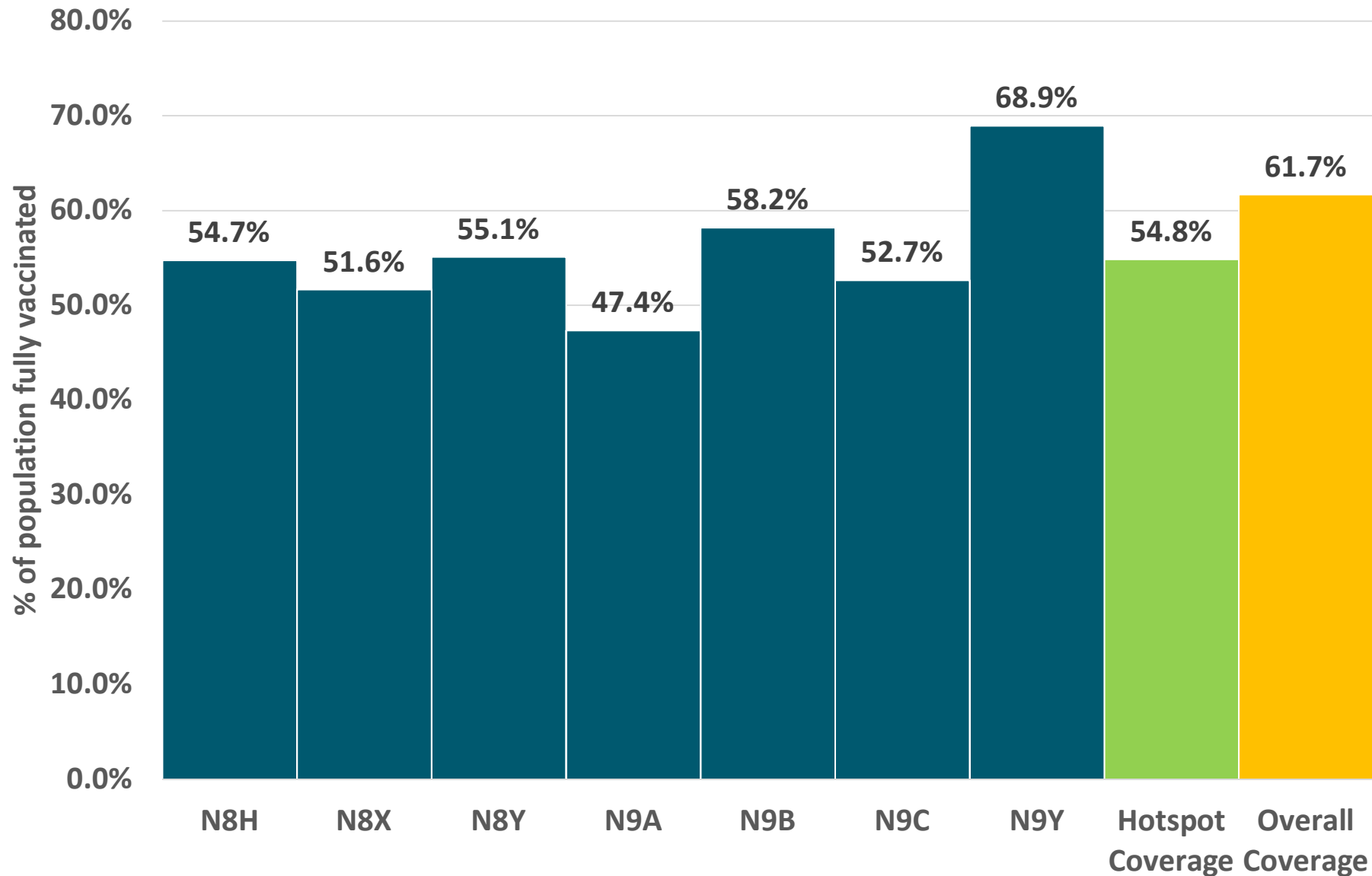
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Vaccine Coverage in WEC Hotspots With at Least 1 Dose Administered (all residents including children)



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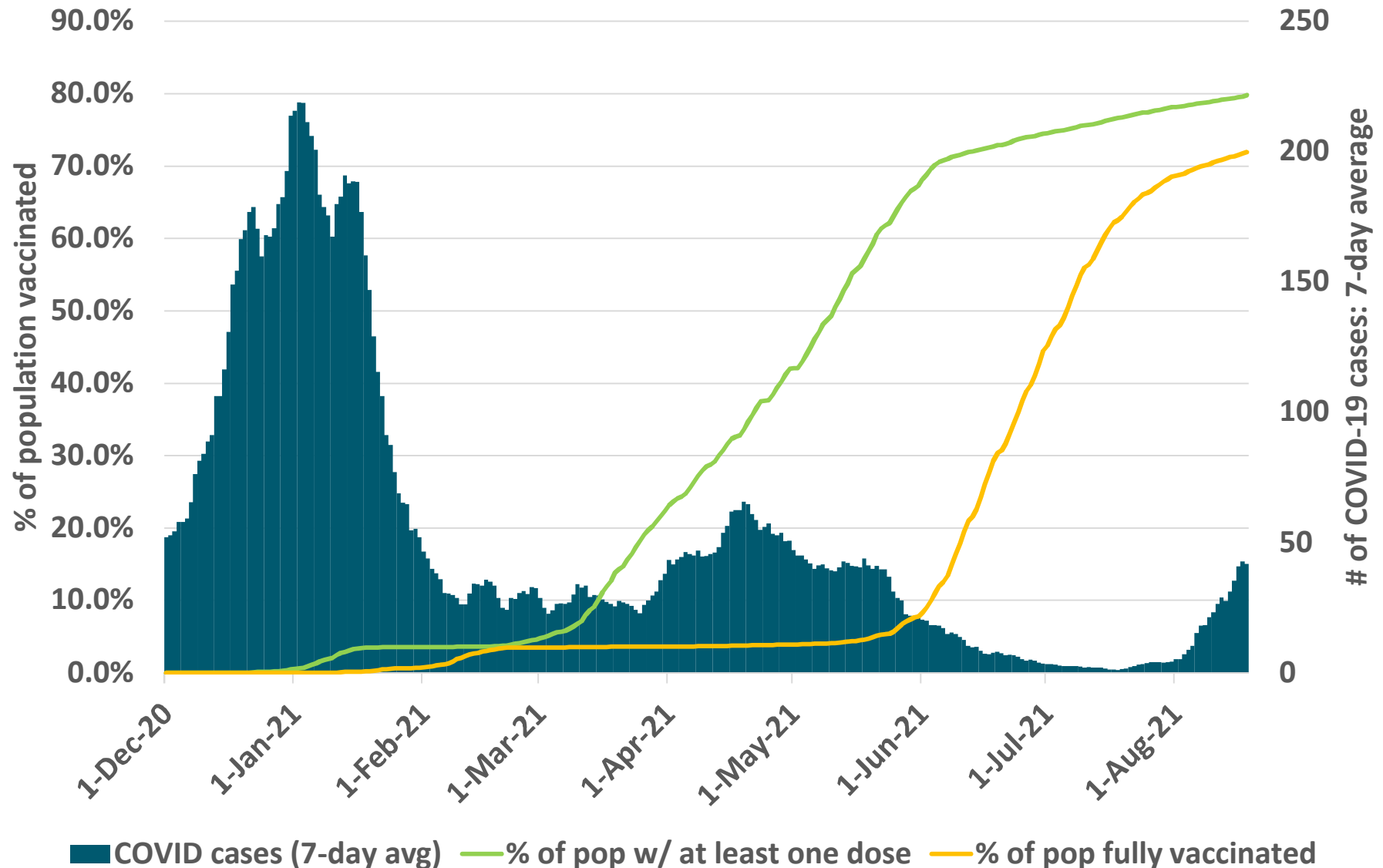
Fully Vaccinated Coverage Rates in Hotspots Within Windsor-Essex County (all residents including children)



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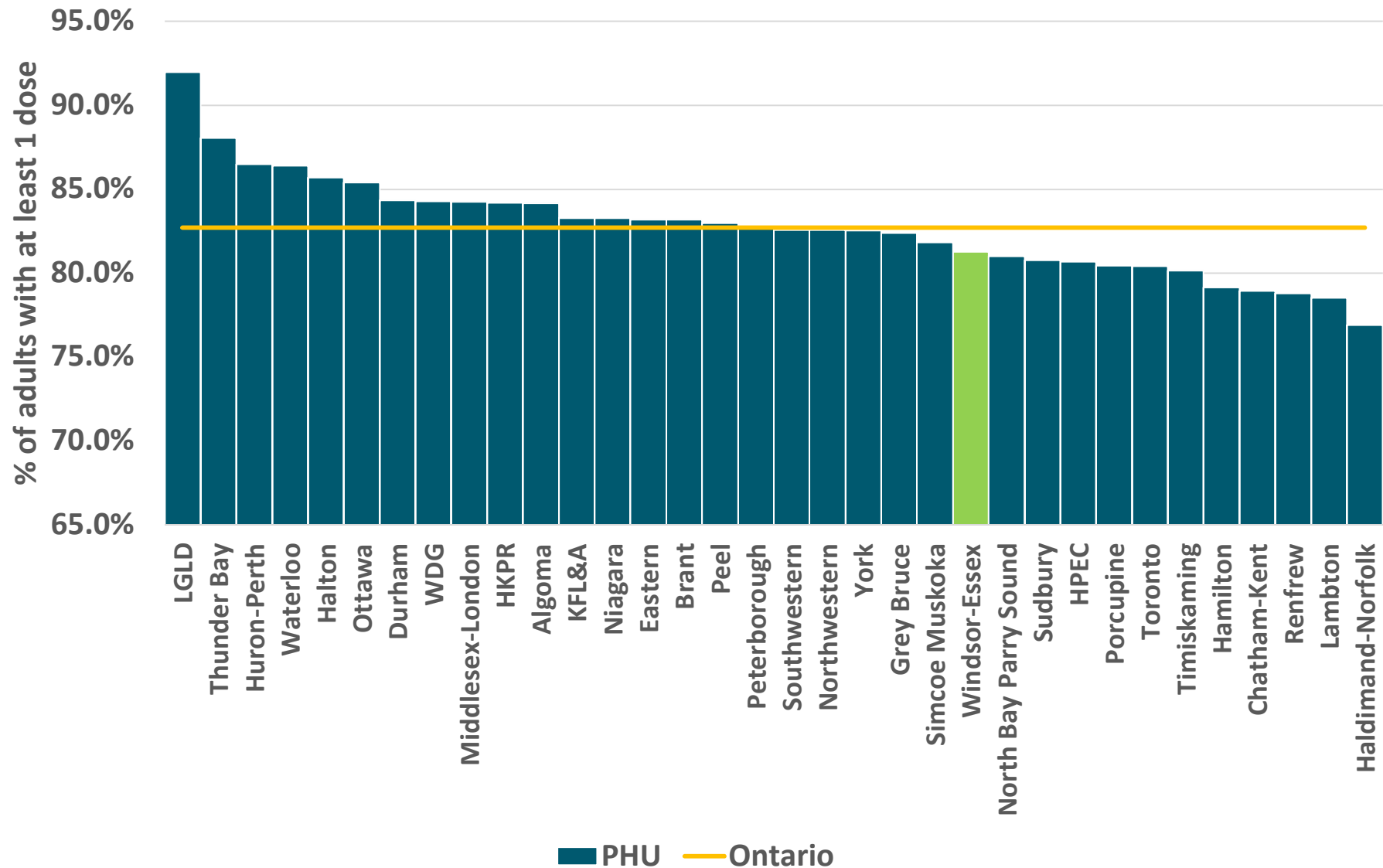
COVID-19 Vaccination Coverage Rates (12+)

Versus COVID-19 Cases (7-Day Average)

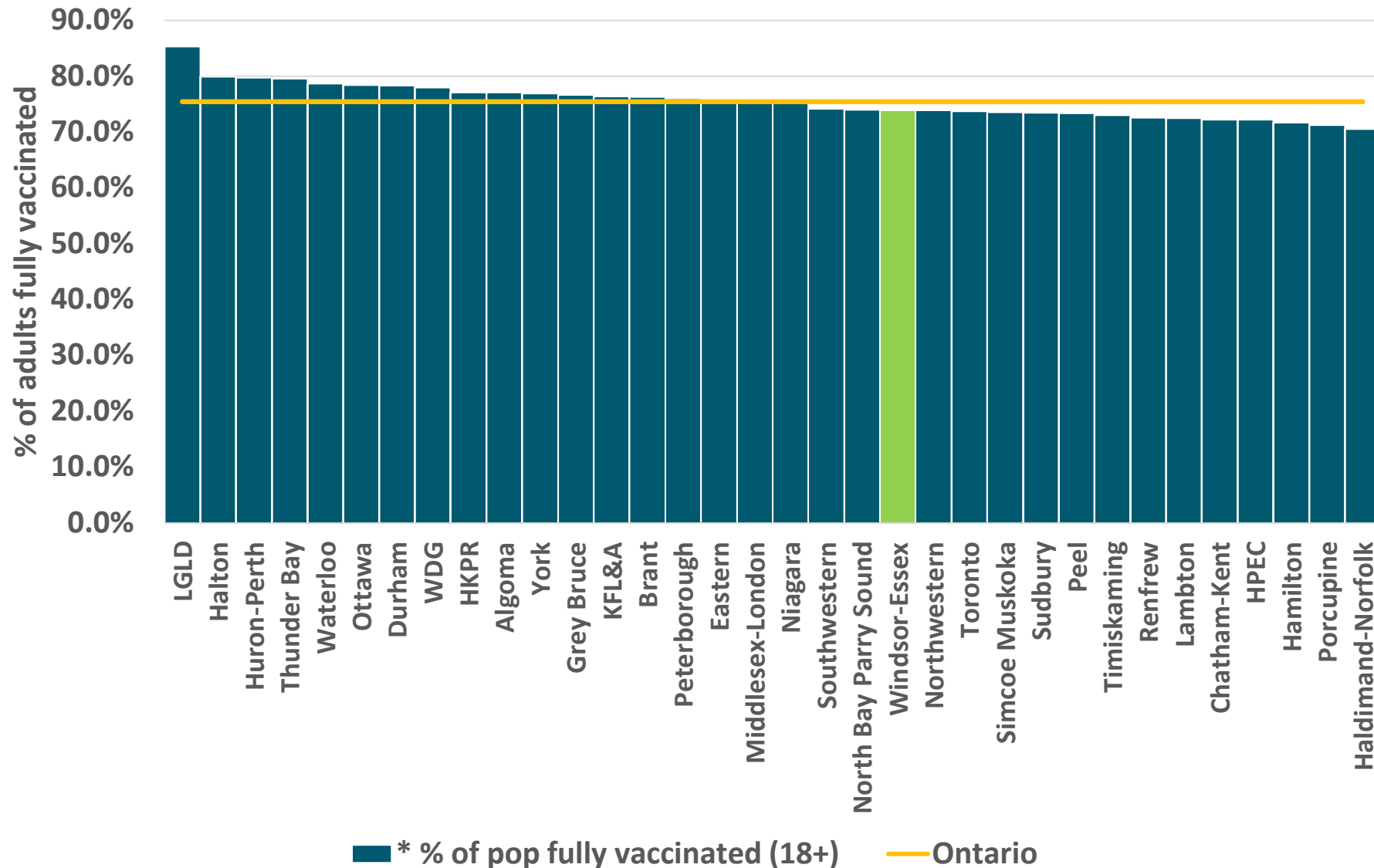


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Percentage of Adults (18+) With At Least 1 Dose by Public Health Unit



Percentage of Adults (18+) Fully Vaccinated by Public Health Unit



Summary

- The case rate in Windsor-Essex County has significantly increased again this week
- Wastewater surveillance indicates a rise in COVID-19 in the region
- COVID-19 related hospitalizations & ICU remain low but have increased this week
- First dose vaccination coverage rate for all of WEC is 68.4%, up from 67.7% last week
- Second dose vaccination coverage rate is 61.7%, up from 60.6% last week

Summary of Monitoring Indicators for WEC

- Most recent completed weekly case rate = 58.1 cases/100,000 population
 - Most recent 7-day rate = 69.4 cases/100,000 population
- Percent positivity = 6.5% (full week)
 - Most recent 7-days percent positivity = 5.1%
- R_0 (effective) = 1.46
- Outbreaks are increasing in the region
- 79.3% of Windsor-Essex adults with at least 1 dose
- 72.2% of Windsor-Essex adults fully vaccinated