



# COVID-19 *LIVE UPDATE*

September 4, 2020

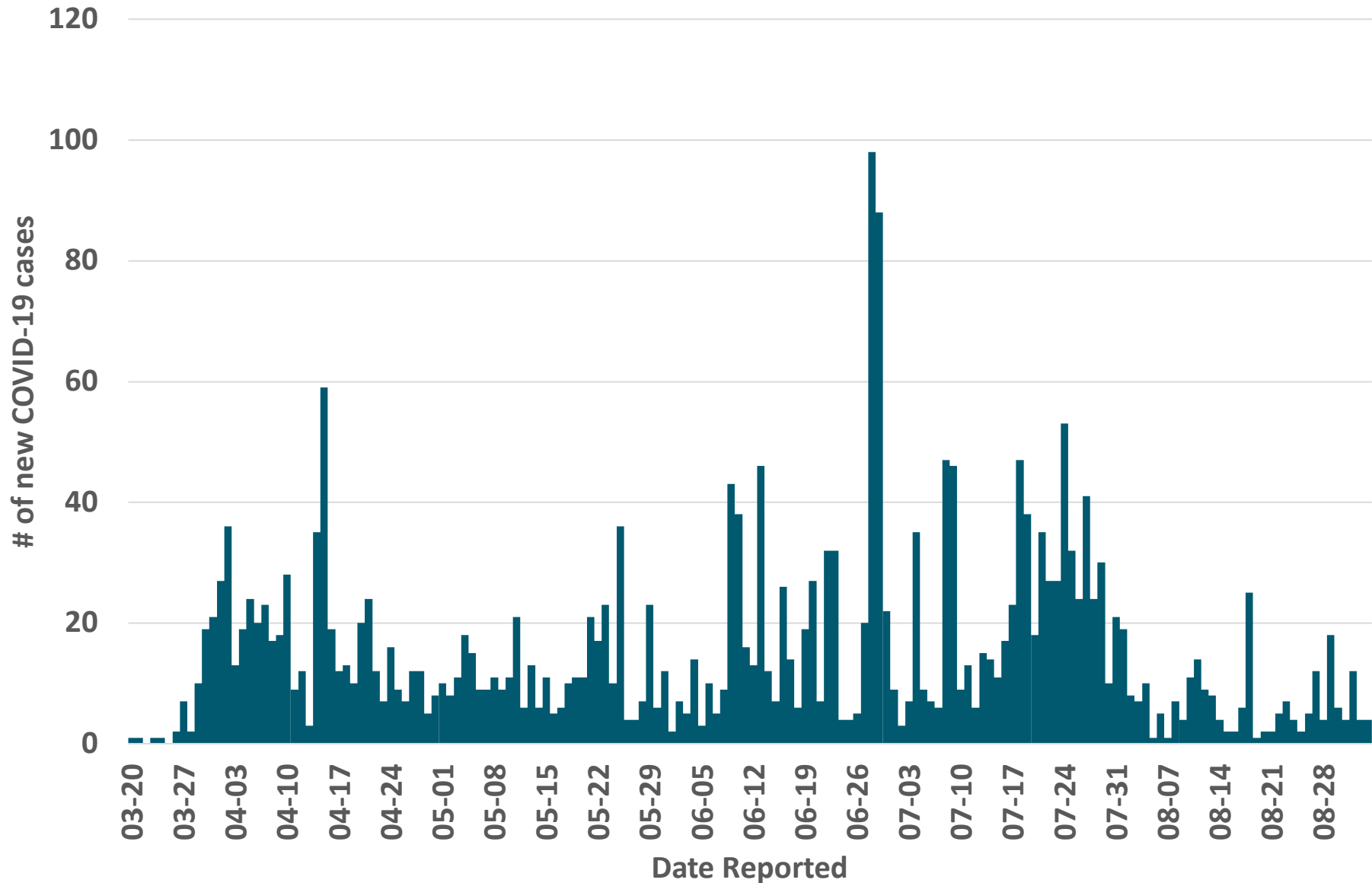
FOR UP-TO-DATE  
CASE NUMBERS  
VISIT  
**[wechu.org](http://wechu.org)**

# COVID-19 Epidemiological Summary

Content covered:

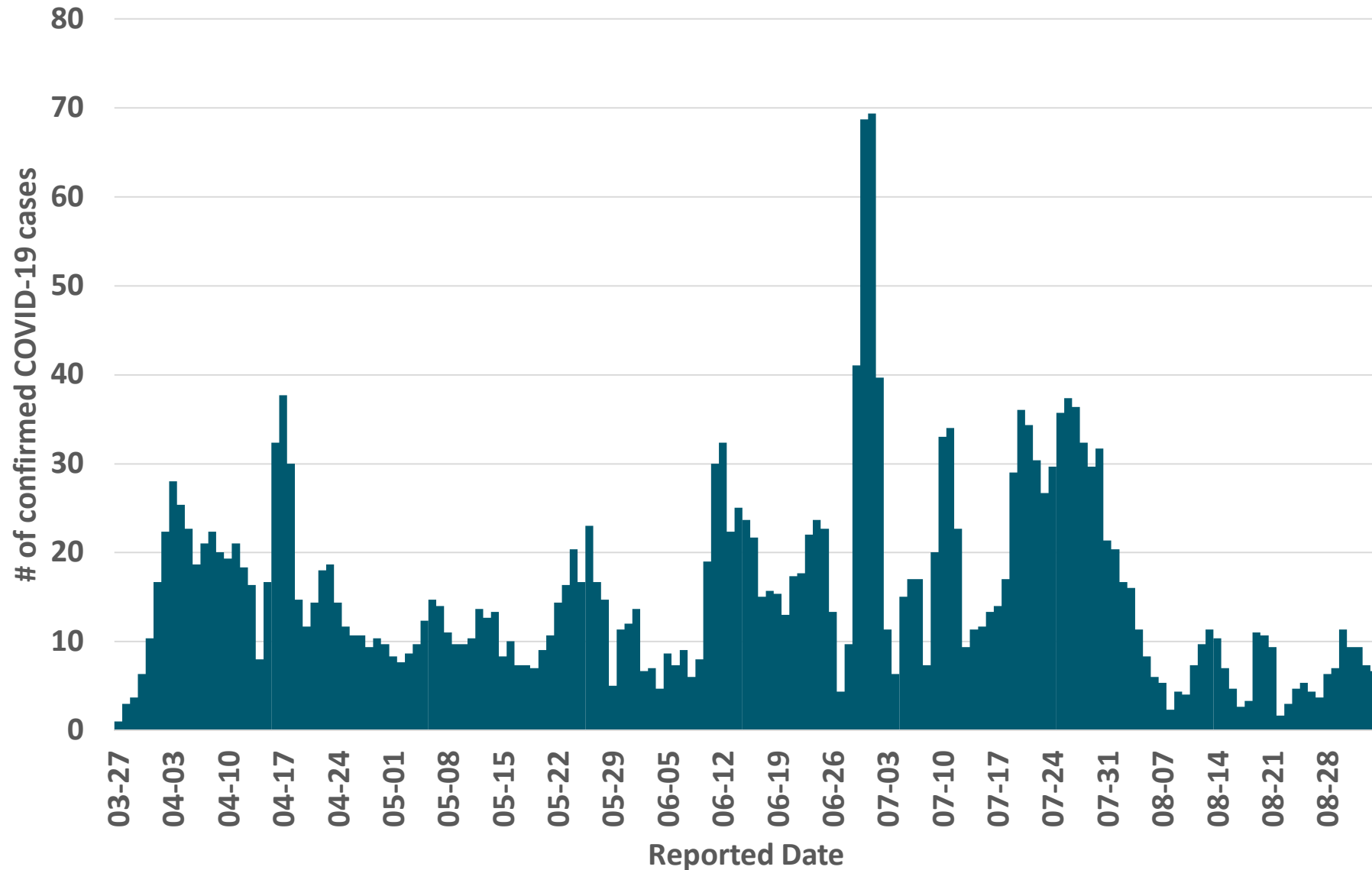
- Epidemic curves
- Syndromic surveillance
- Regional & provincial rates
- Percent positivity
- Positive test turnaround time
- Case investigation time
- Age & sex distribution
- Geographical rates & distribution of cases
- Exposure history
- Healthcare worker status
- Underlying conditions
- Top symptoms
- Hospitalizations & ICU
- Healthcare system capacity
- Current outcomes
- Breakdown by deaths
- Doubling time
- Mean  $R_0$  (effective)

# Epidemic Curve by Reported Date

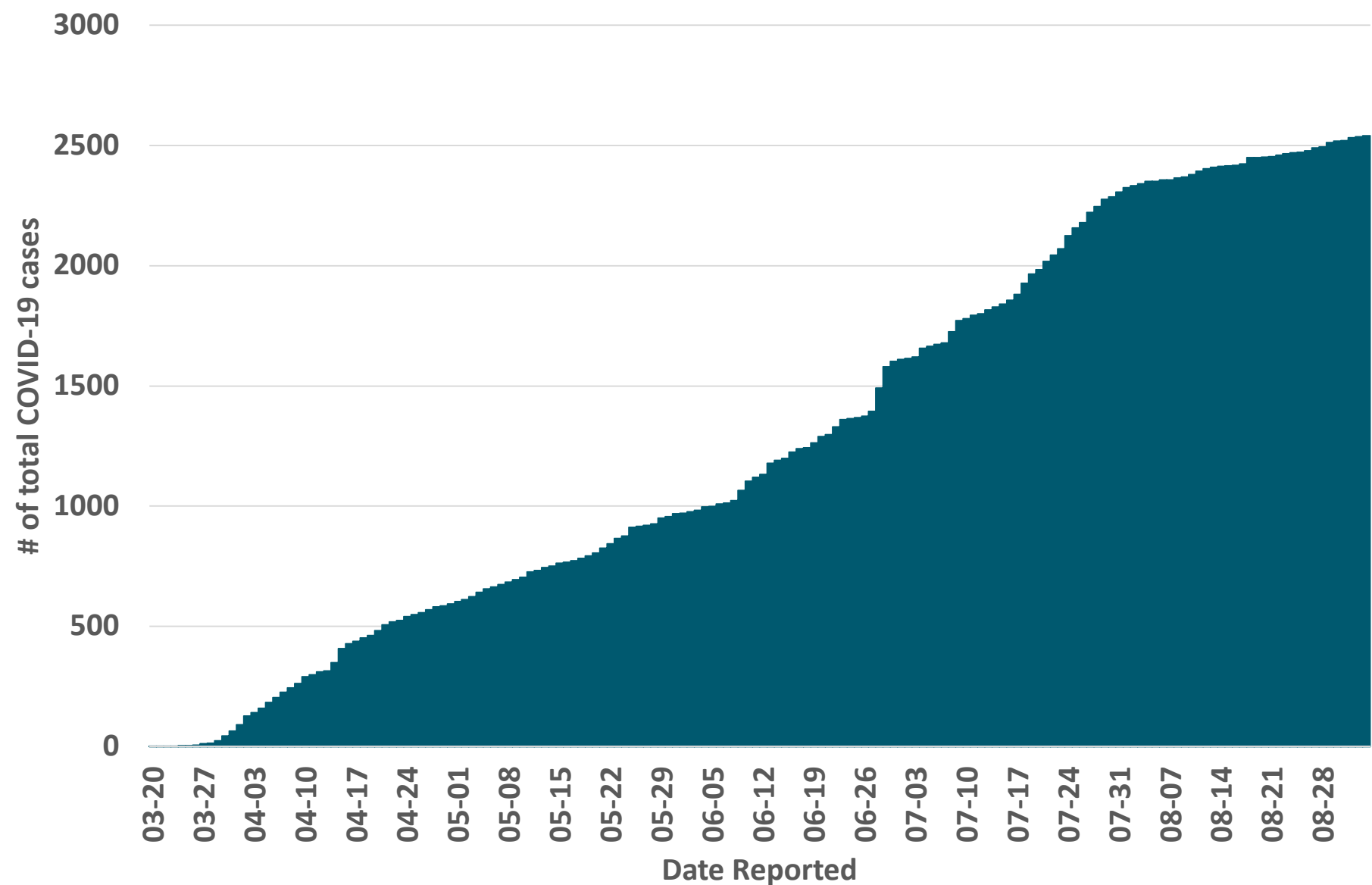


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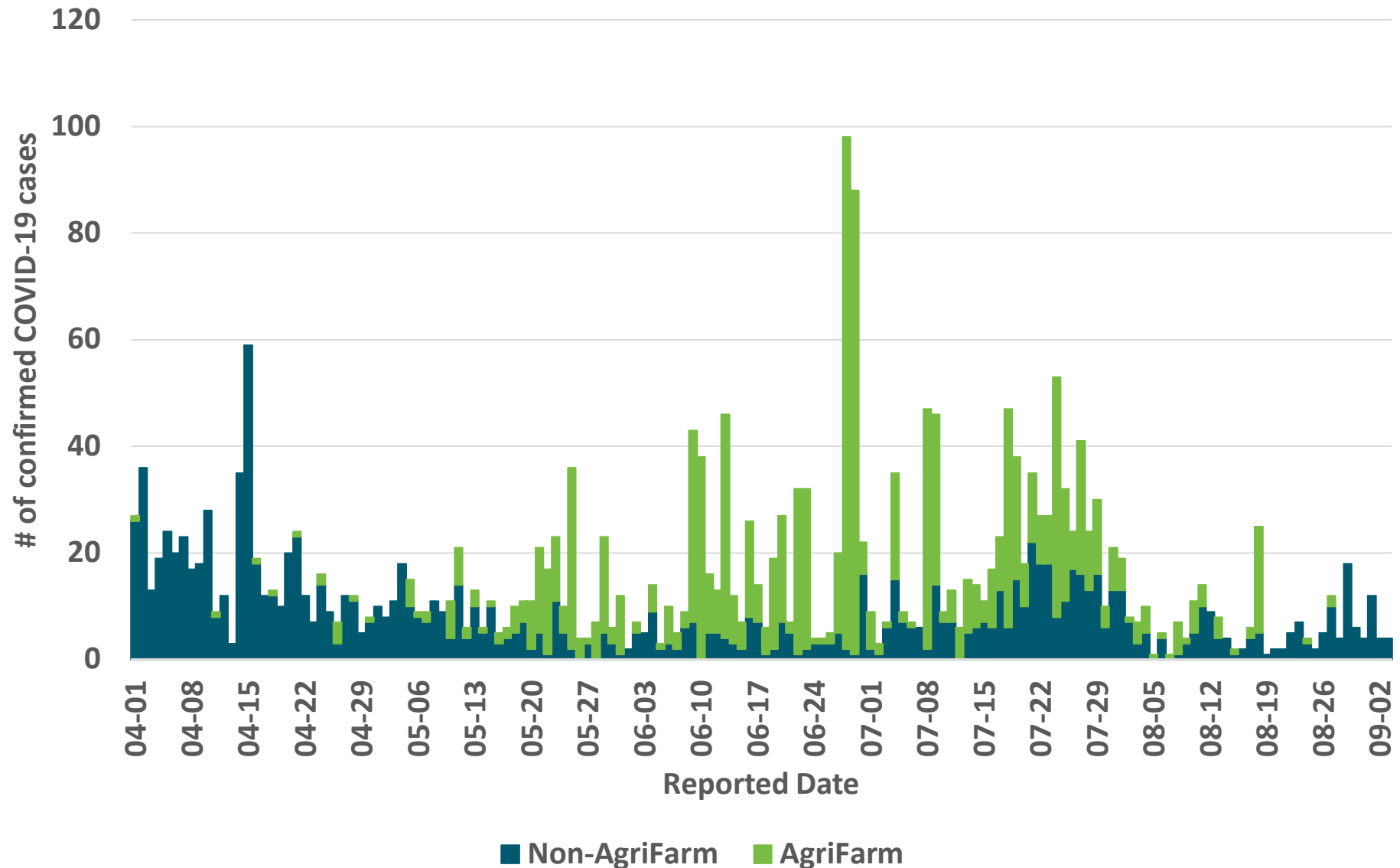
# Epidemic Curve by 3-Day Moving Average by Reported Date



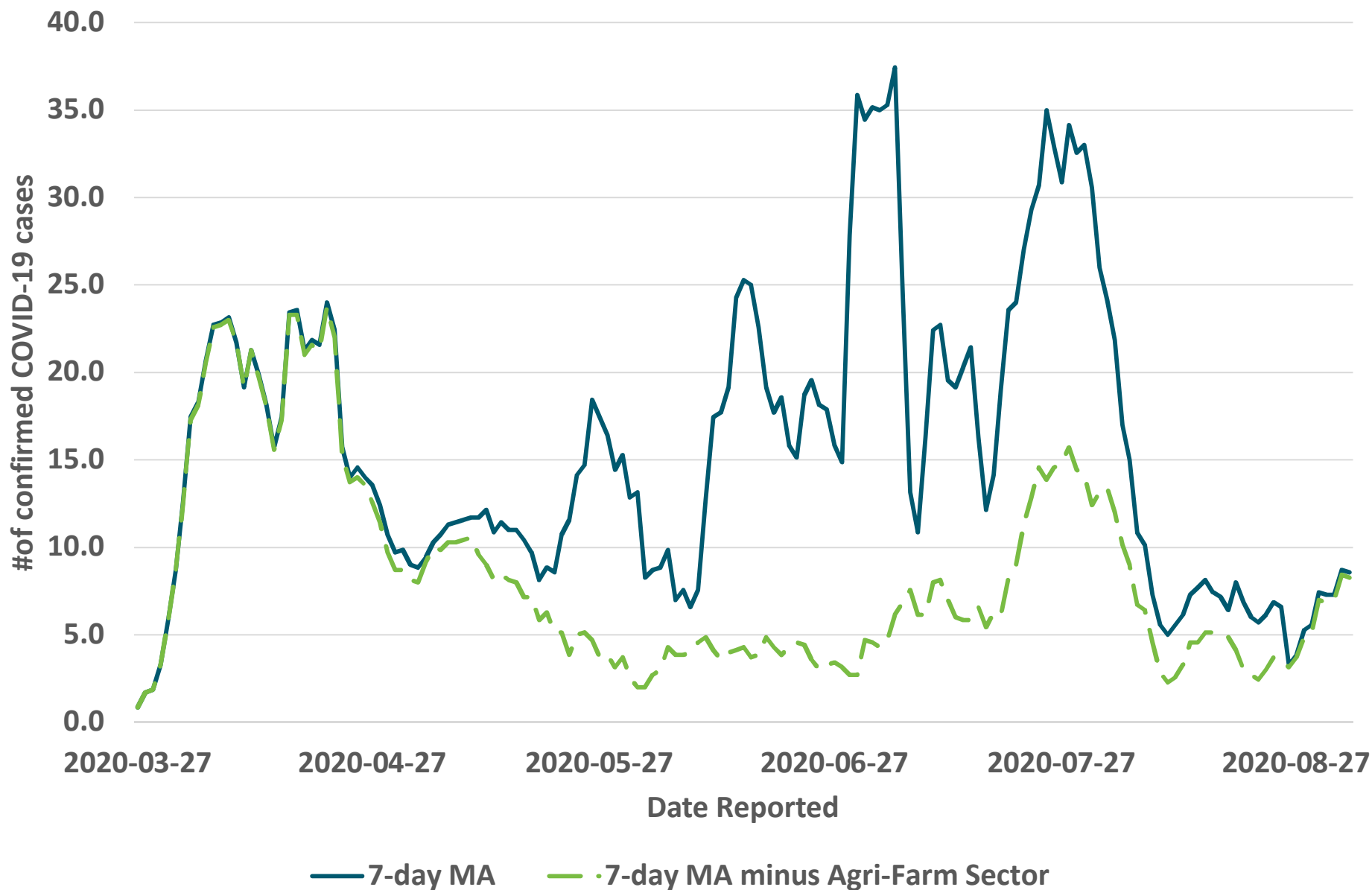
# Cumulative Cases of COVID-19 in WEC



# Epidemic Curve by Agri-Farm Versus Non-Agri-Farm Cases by Reported Date

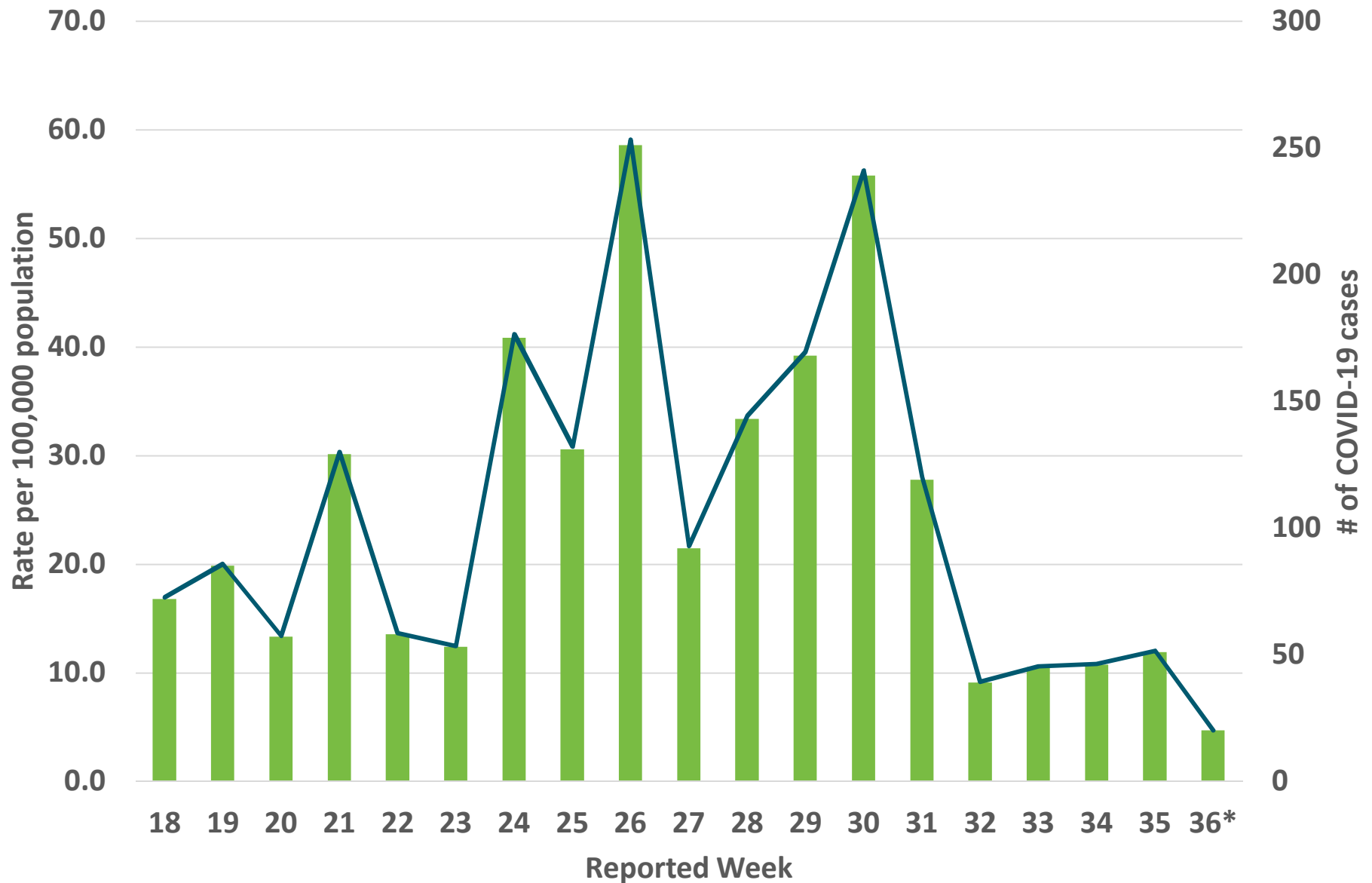


# 7-Day Moving Average by Reported Date



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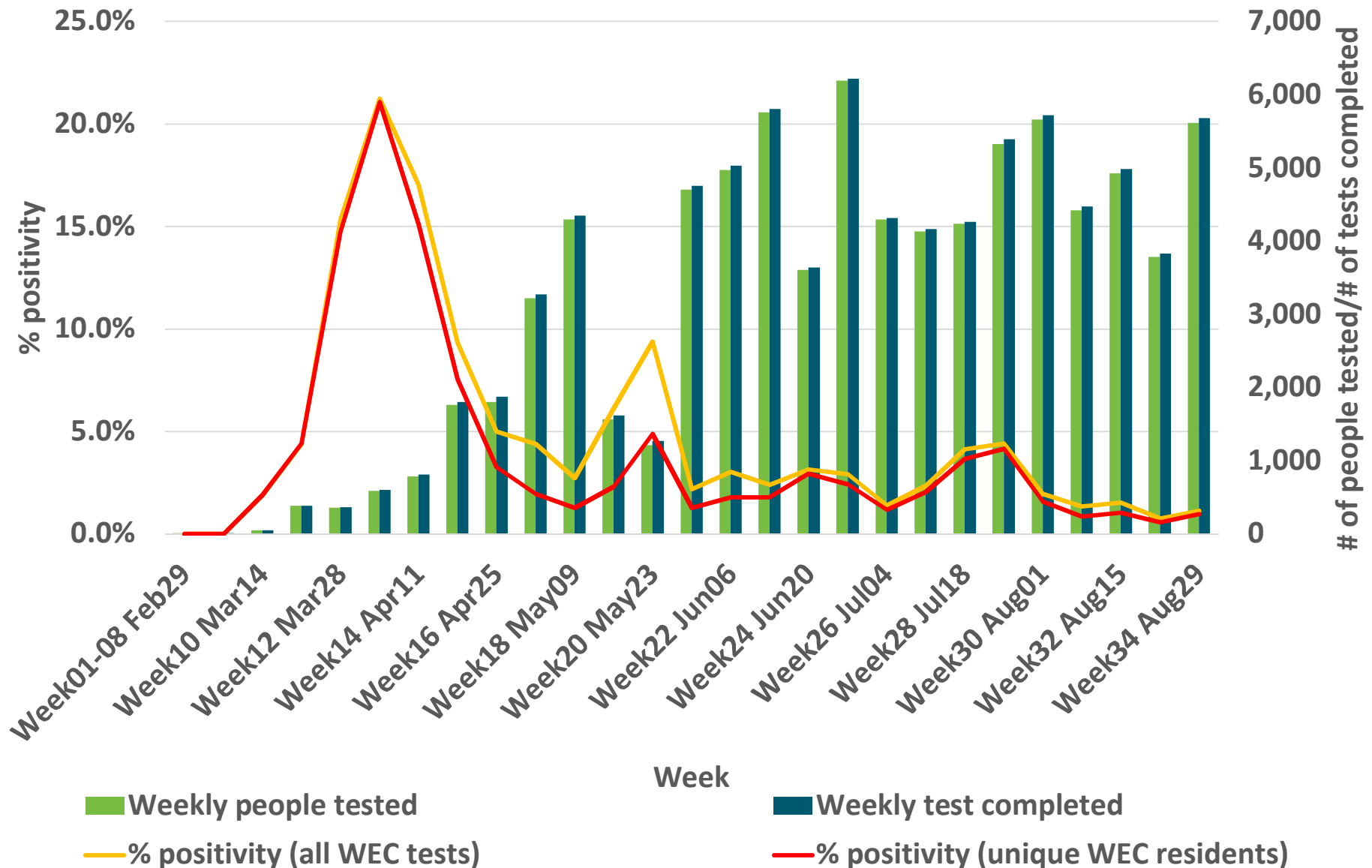
# Windsor-Essex Rate by Reported Week



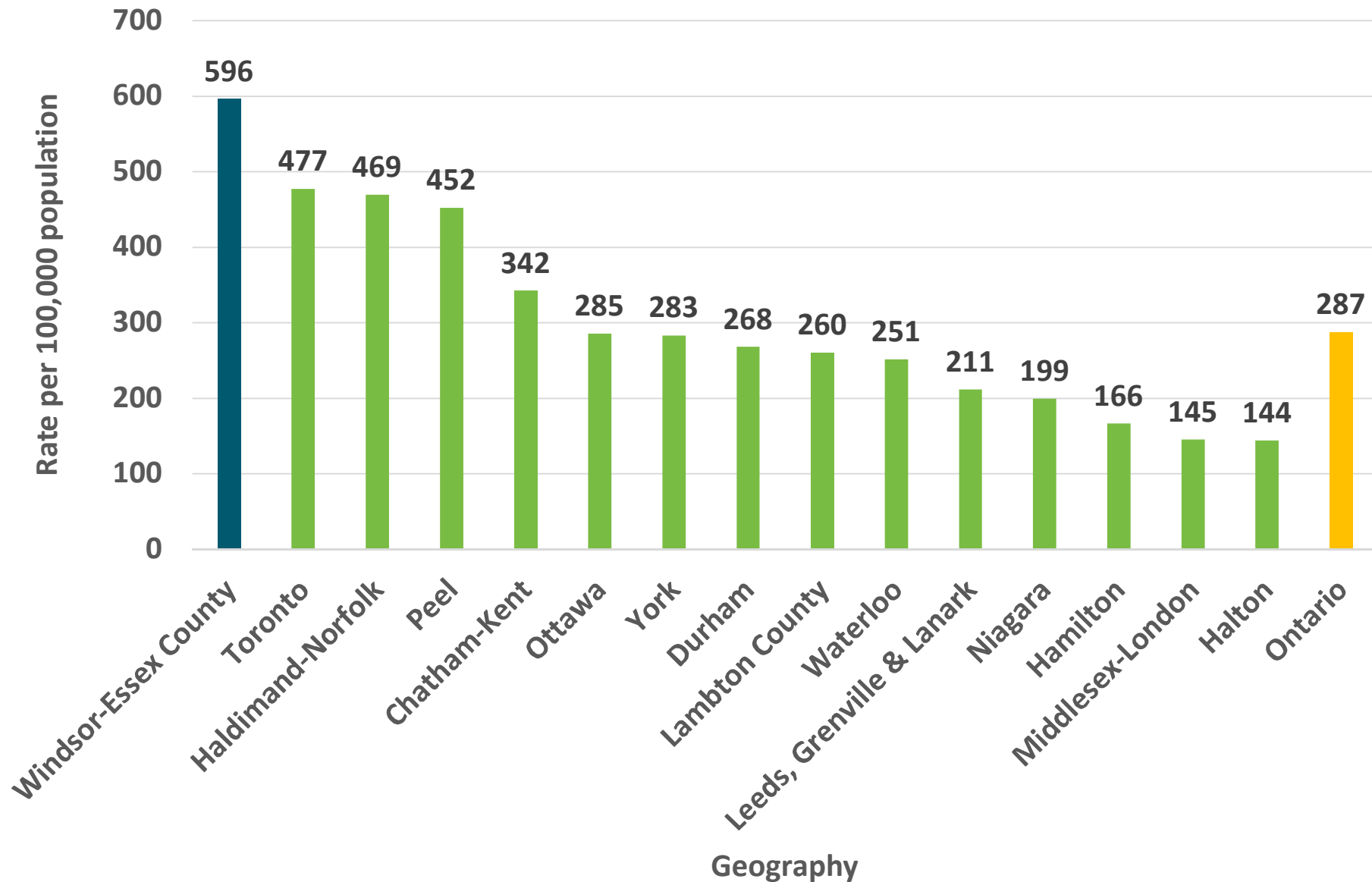
2020-09-04



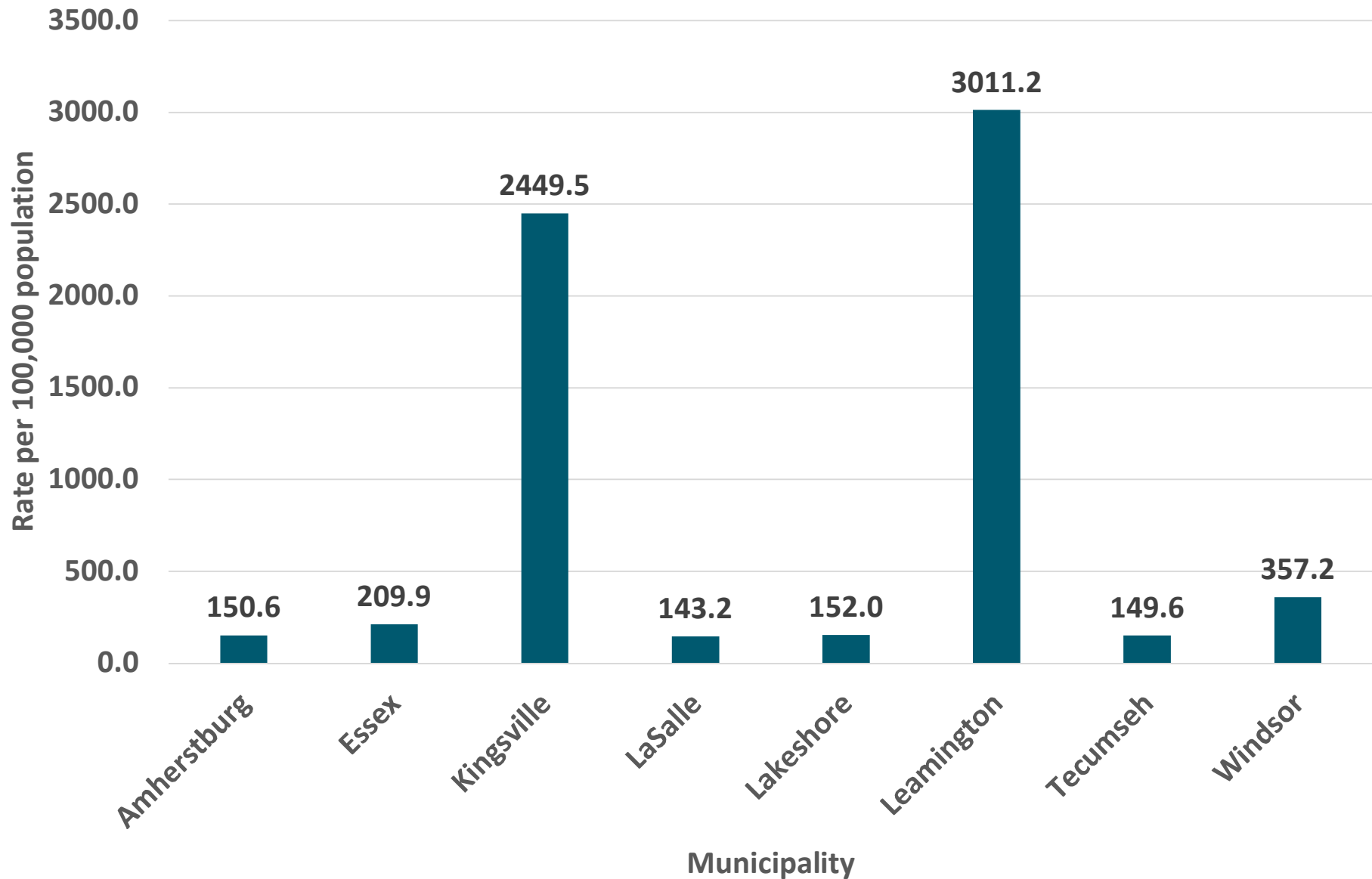
# Percent Positivity by Week by All Tests & Among Unique Individuals



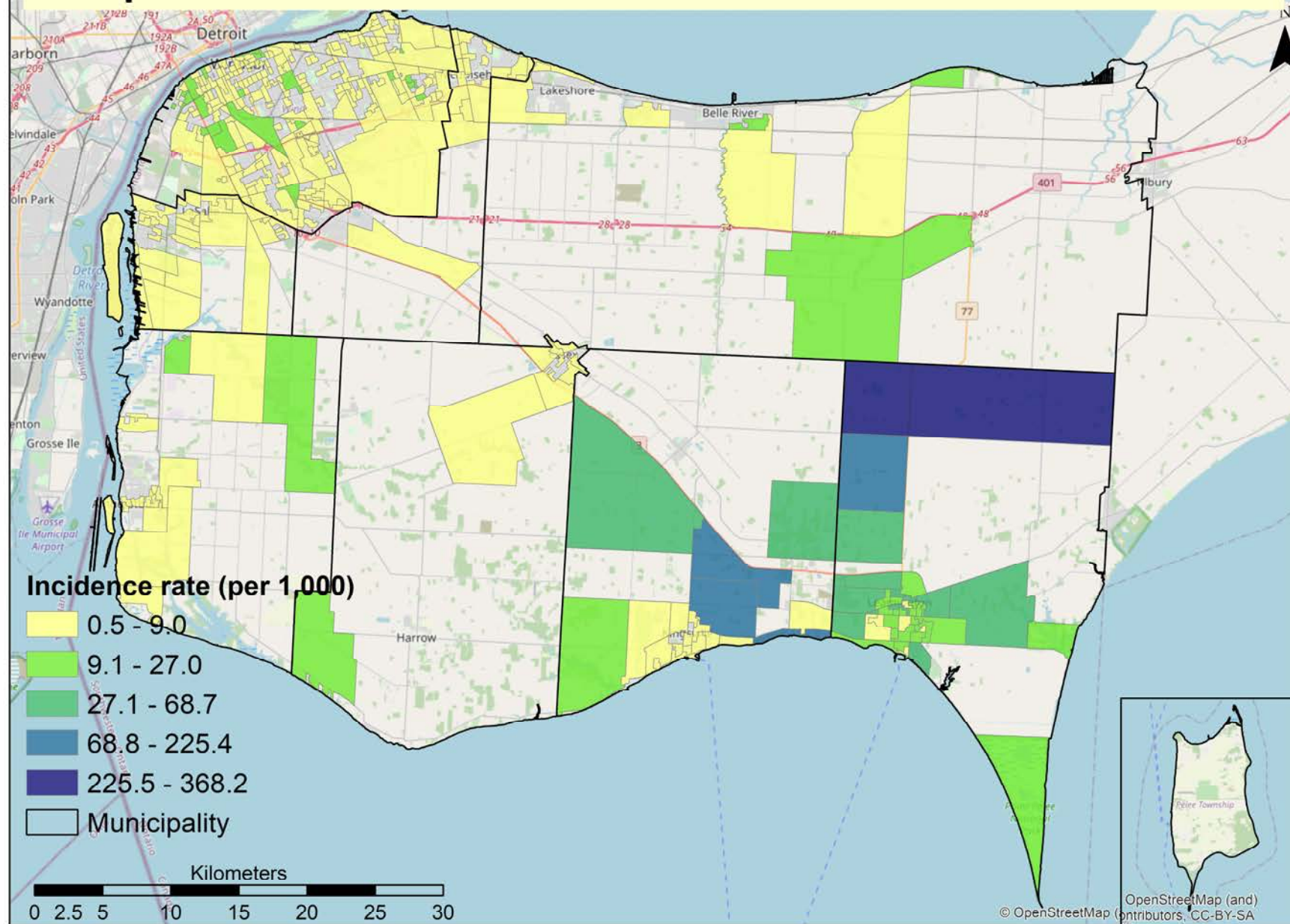
# Regional & Provincial Rates



# Rate per 100,000 by Municipality



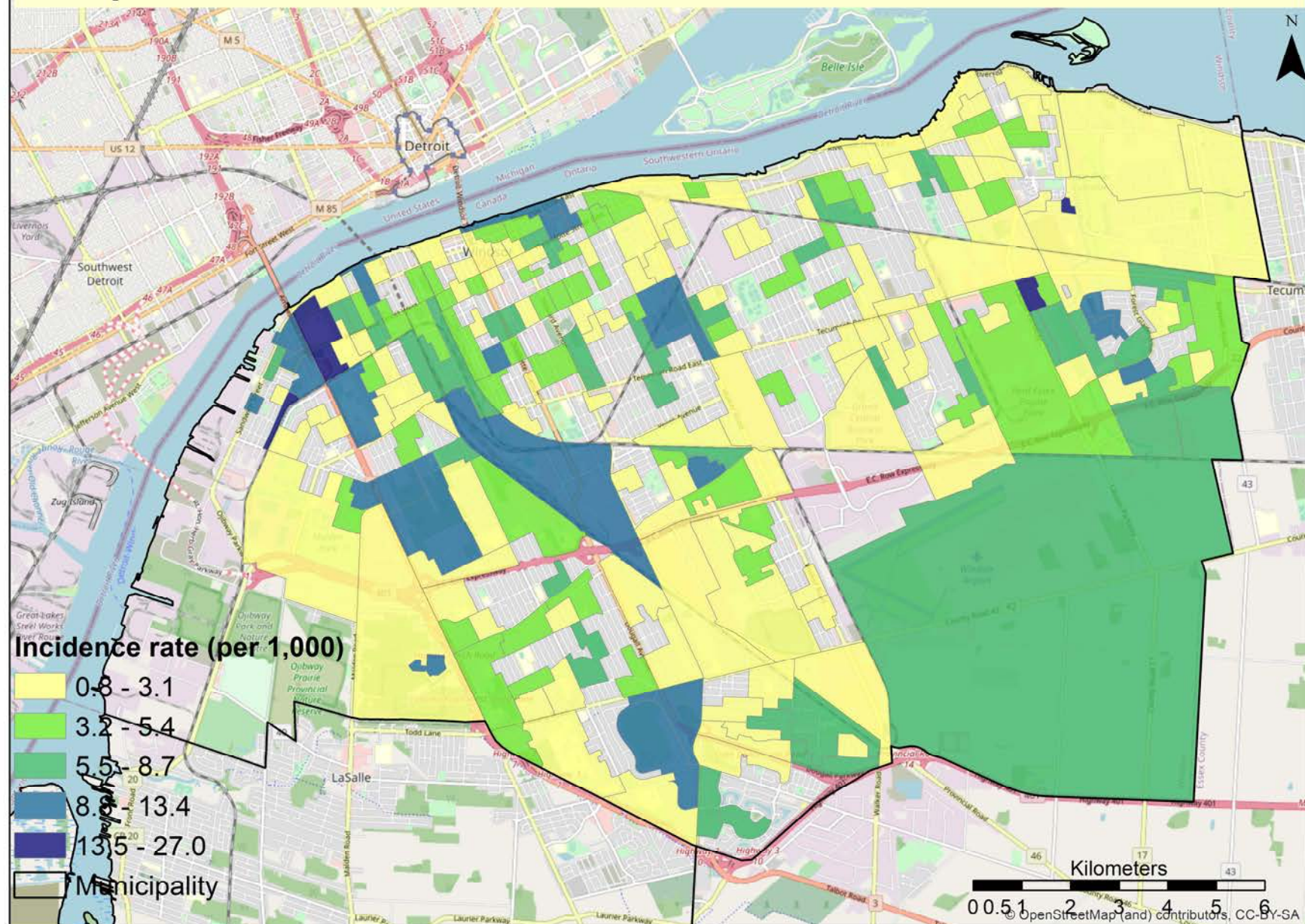
# Map of confirmed COVID-19 cases in WEC



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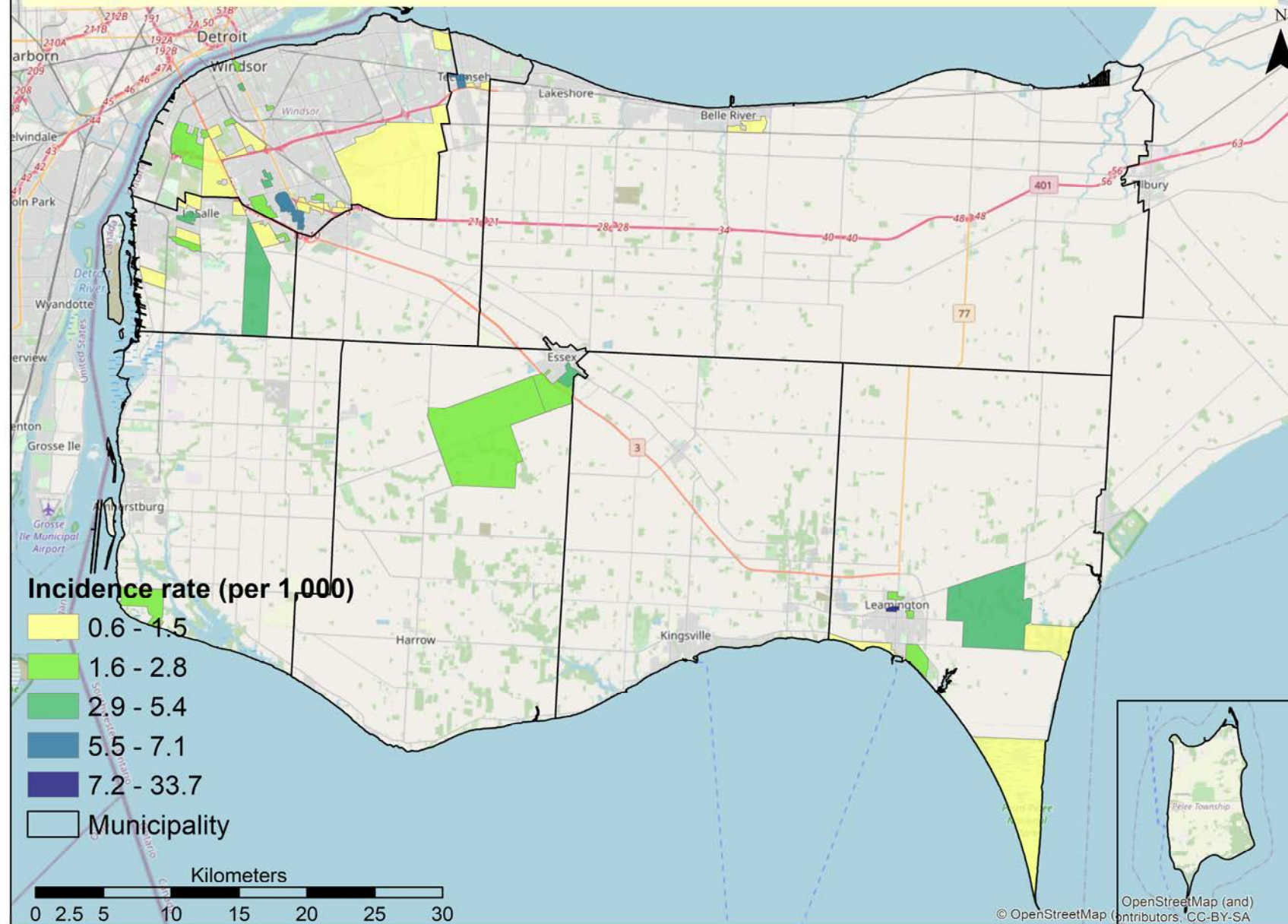
# Map of confirmed COVID-19 cases in Windsor



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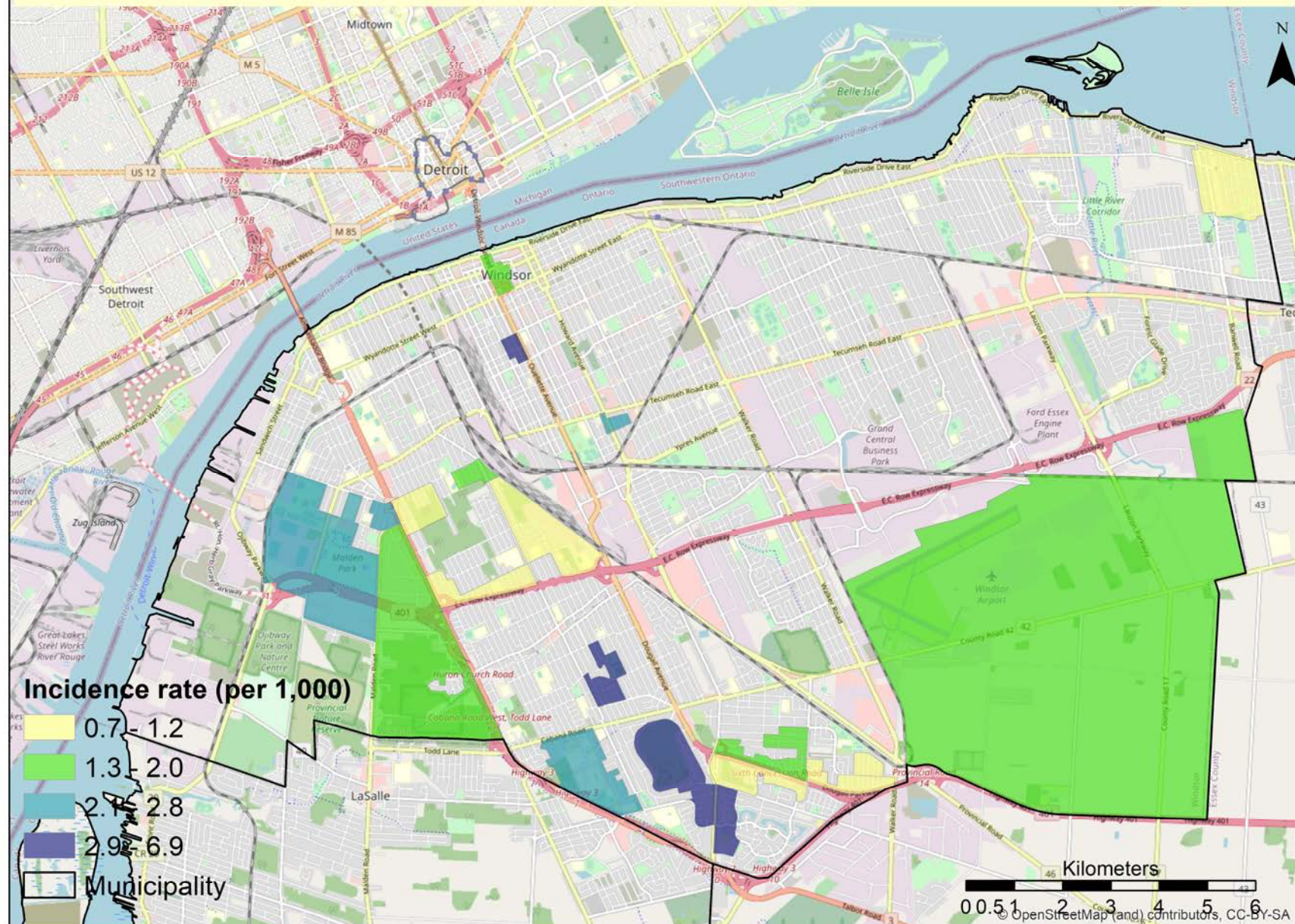


# Map of confirmed COVID-19 active cases in WEC



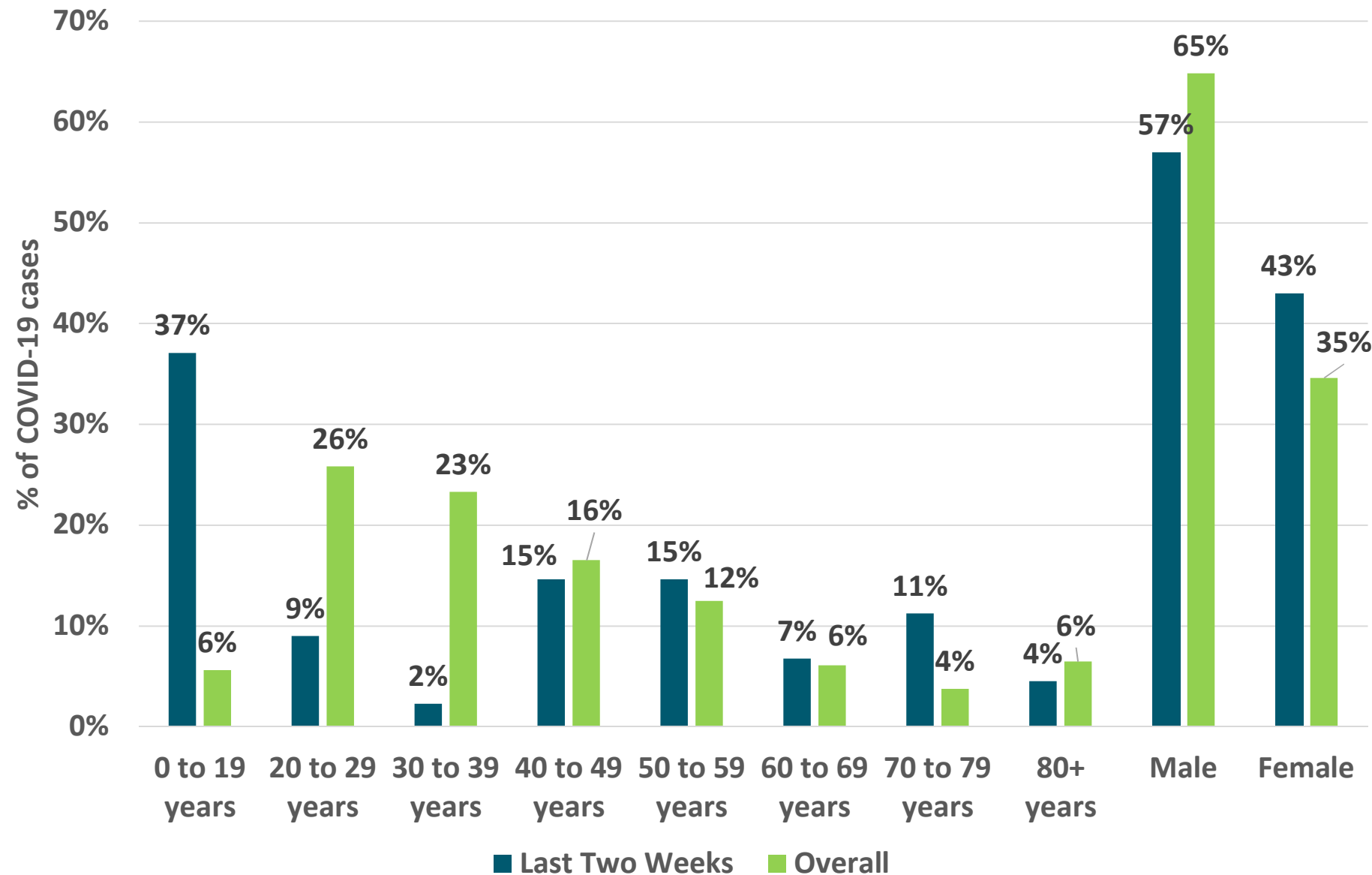


# Map of confirmed active COVID-19 cases in Windsor



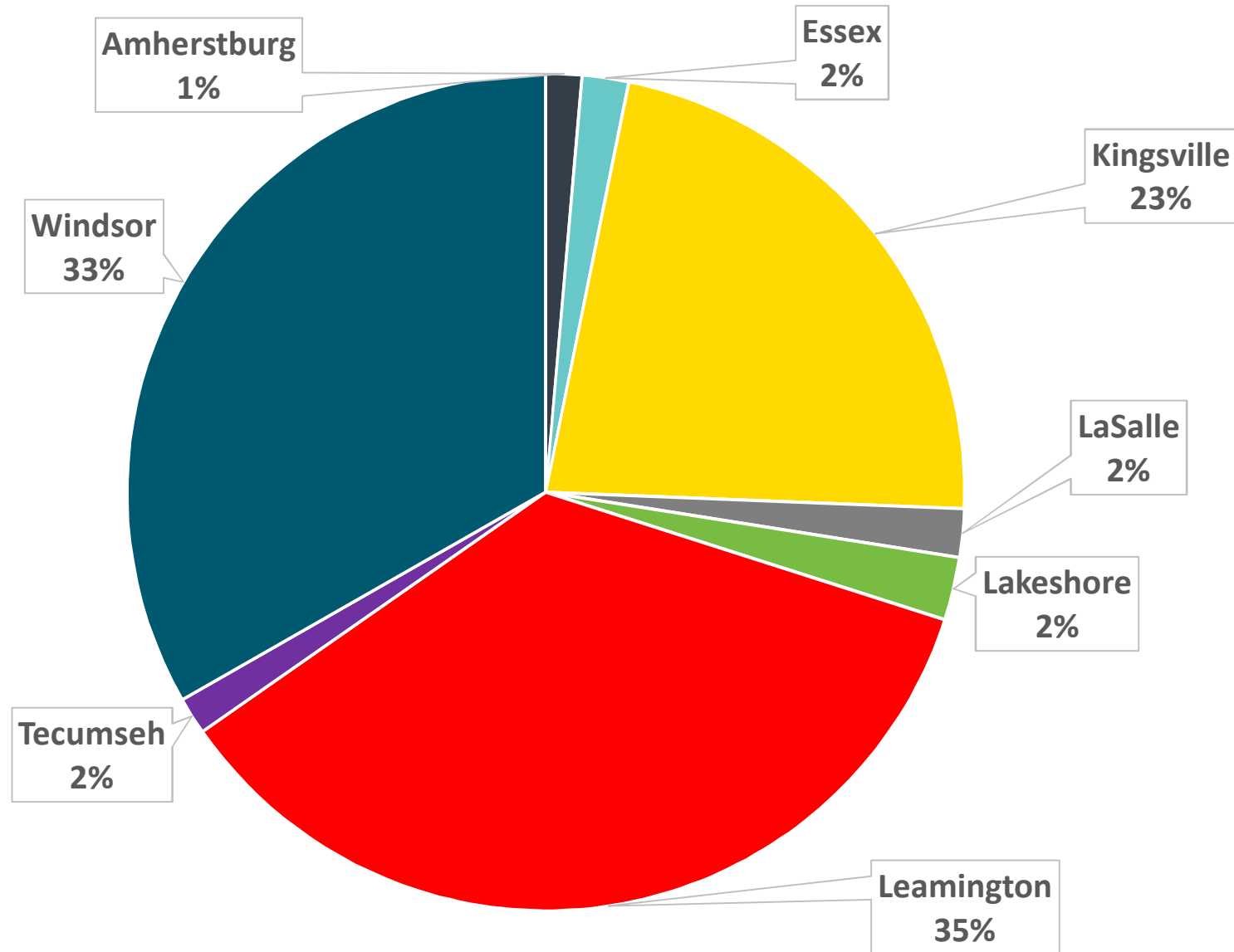
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# Age & Sex Distribution



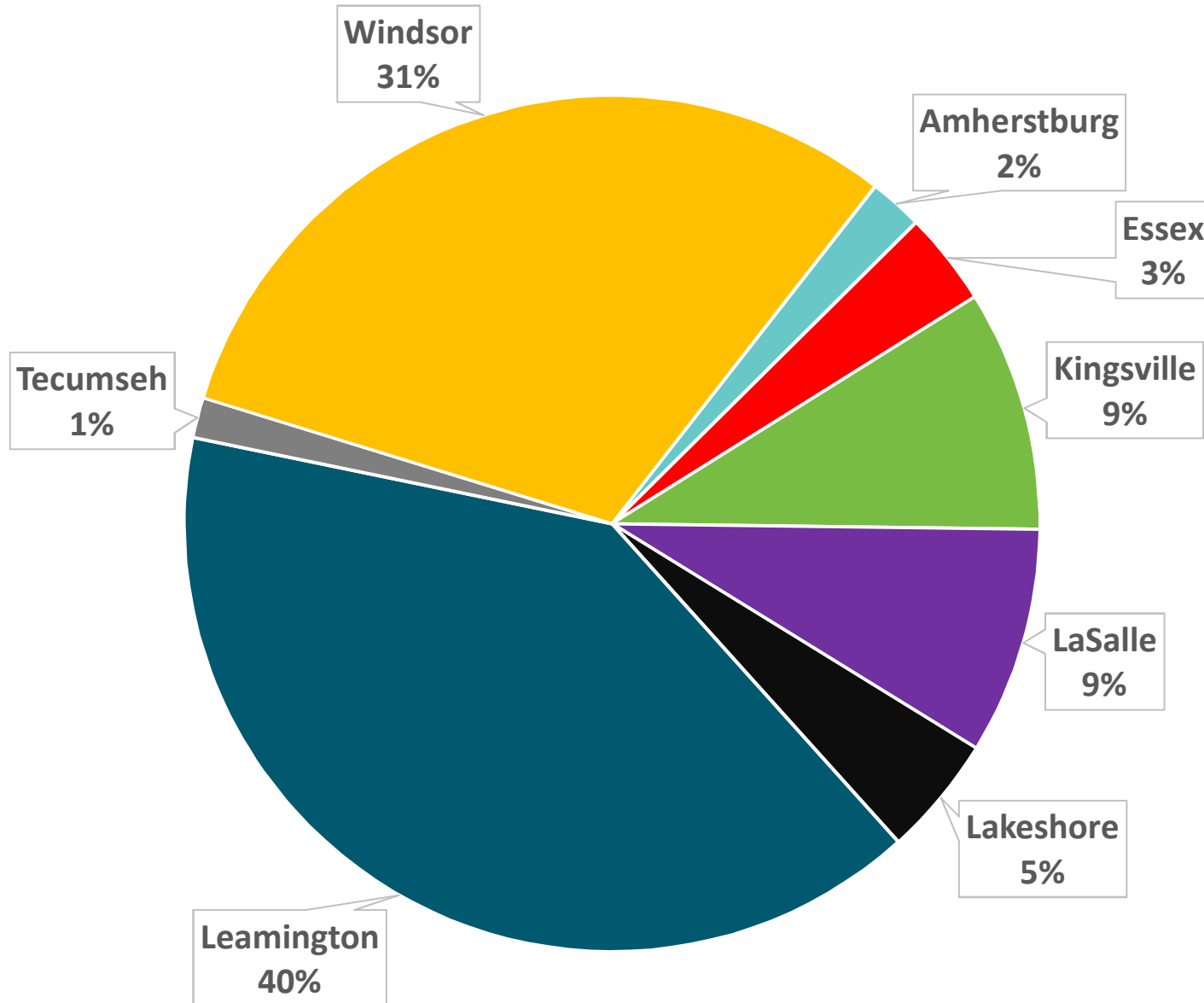


# Distribution of COVID-19 Cases by Municipality



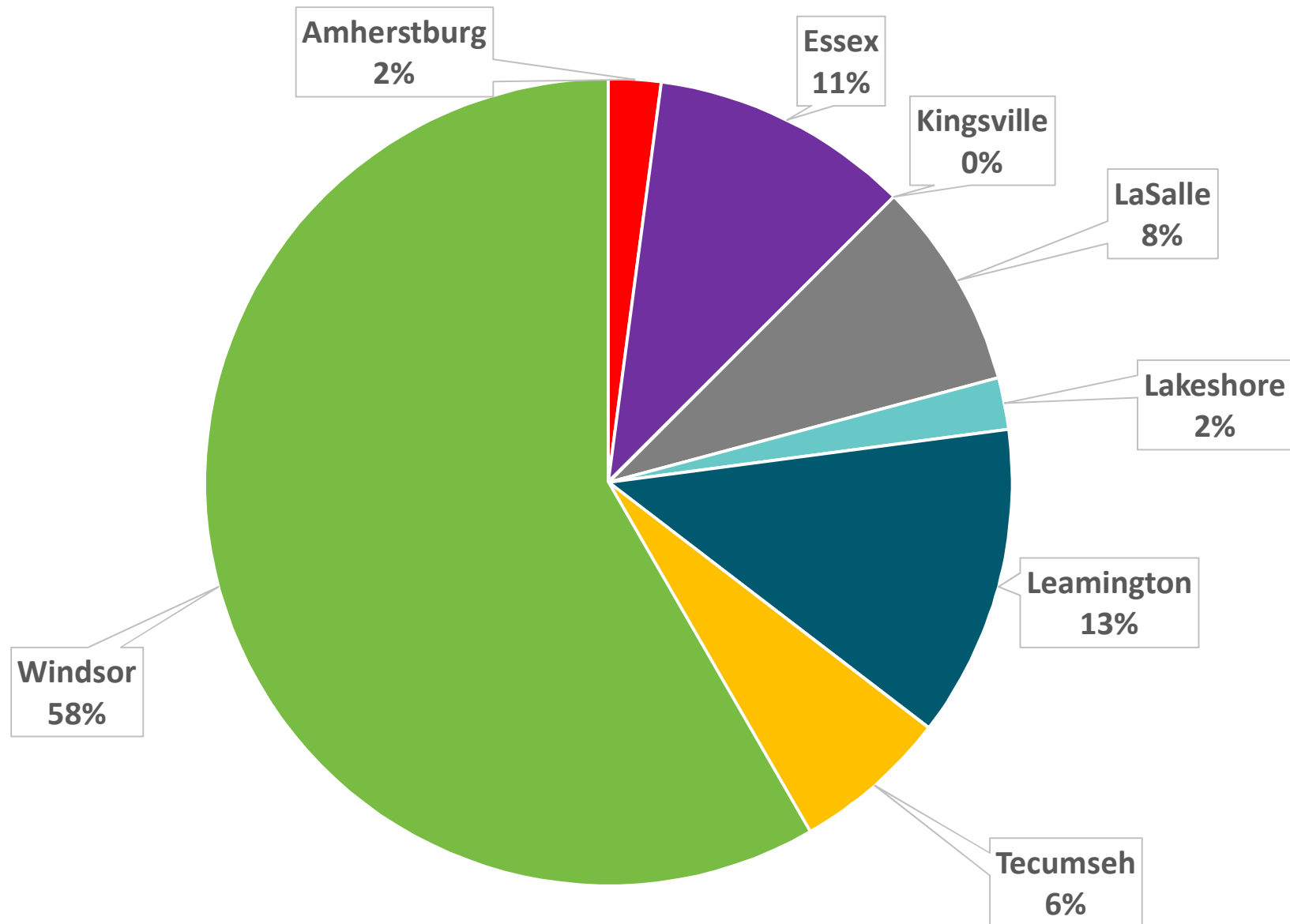
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# Distribution of COVID-19 Cases by Municipality in last 30 days (August 3 to September 2)



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# Distribution of COVID-19 Cases by Municipality in last 7 days (August 27 to September 2)

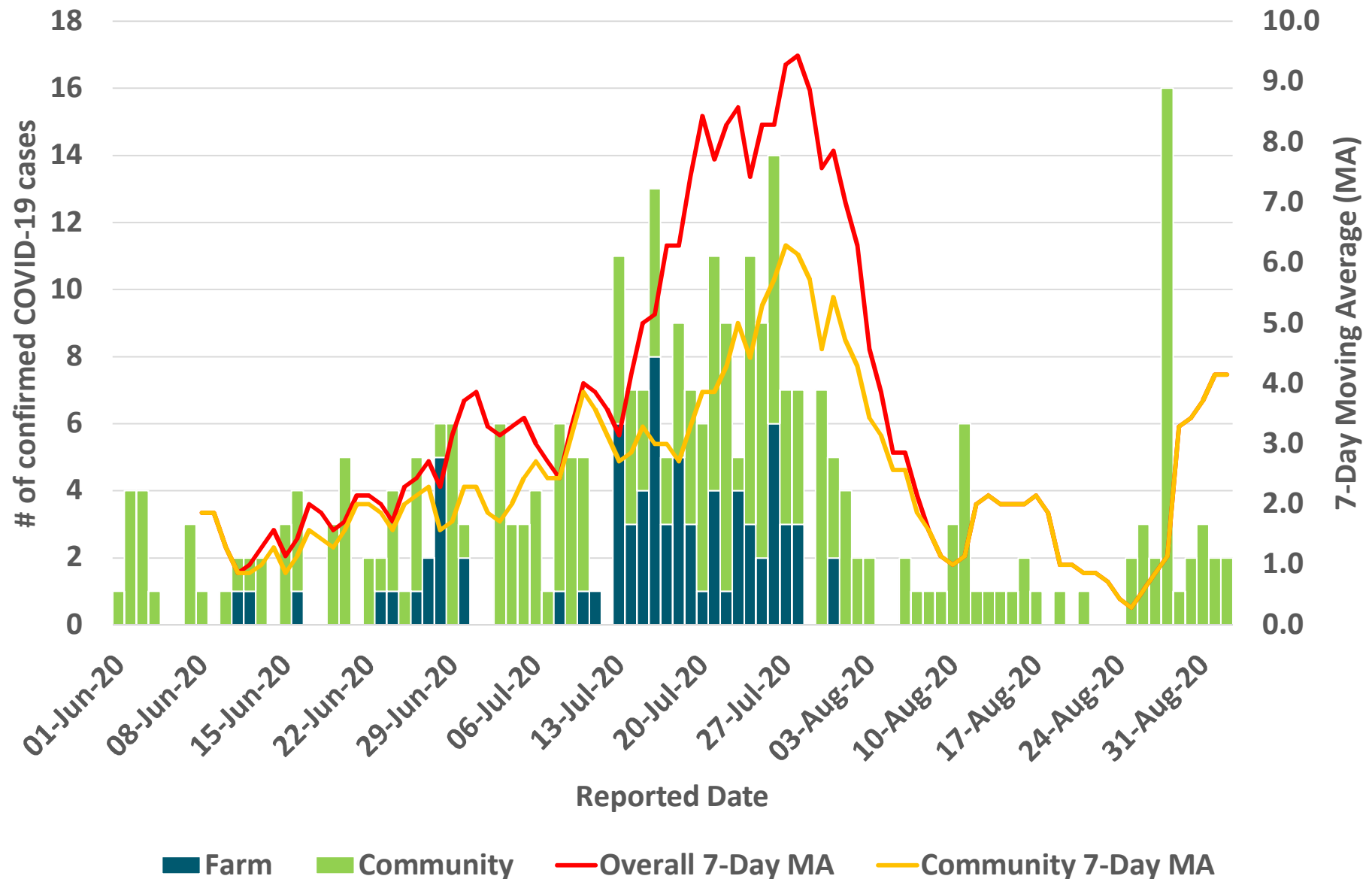


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# Distribution of COVID-19 Cases by Occupation in the last 7 days (August 27 to September 2 )

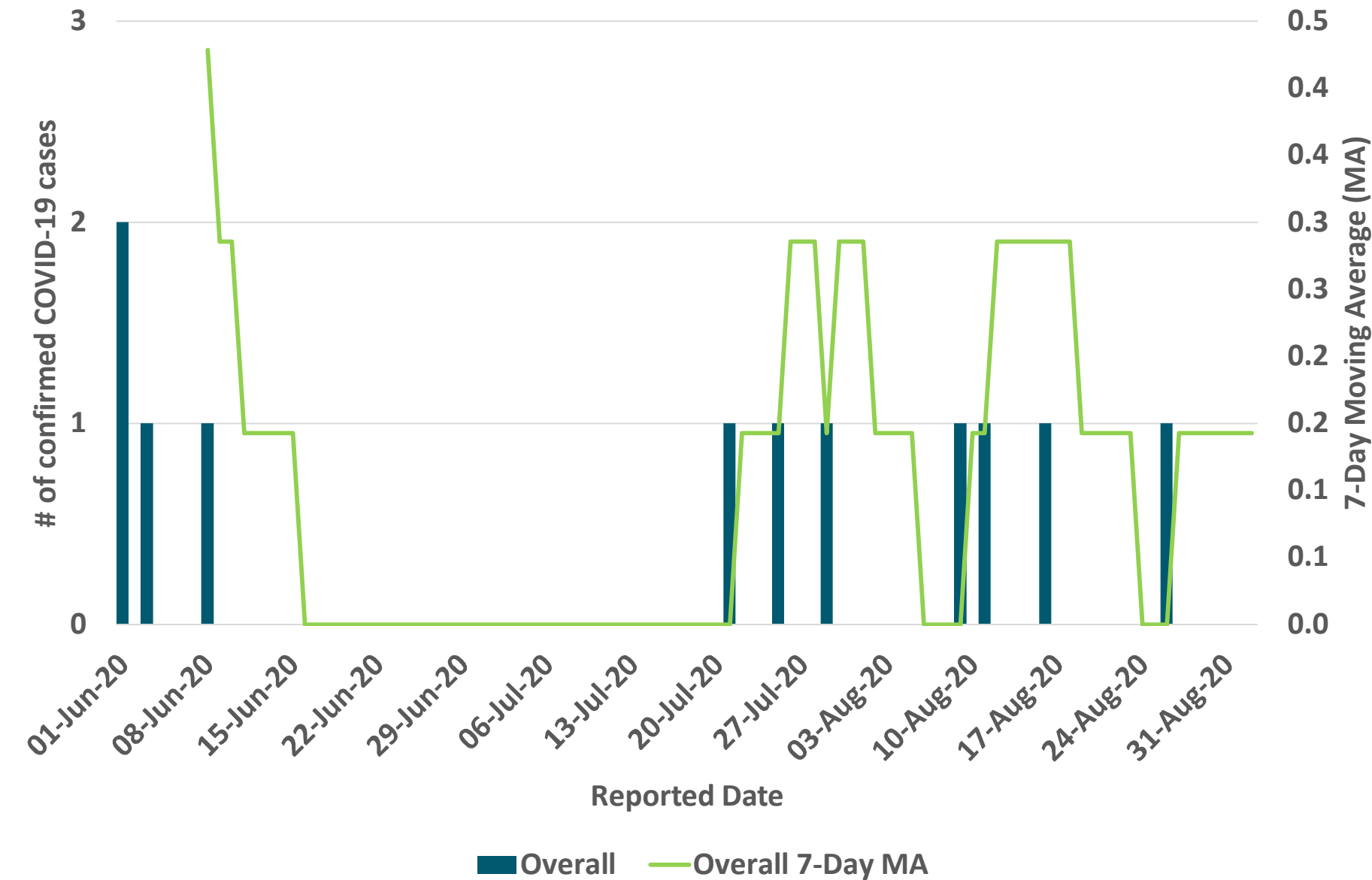


# Epidemic Curve by Reported Date For Windsor

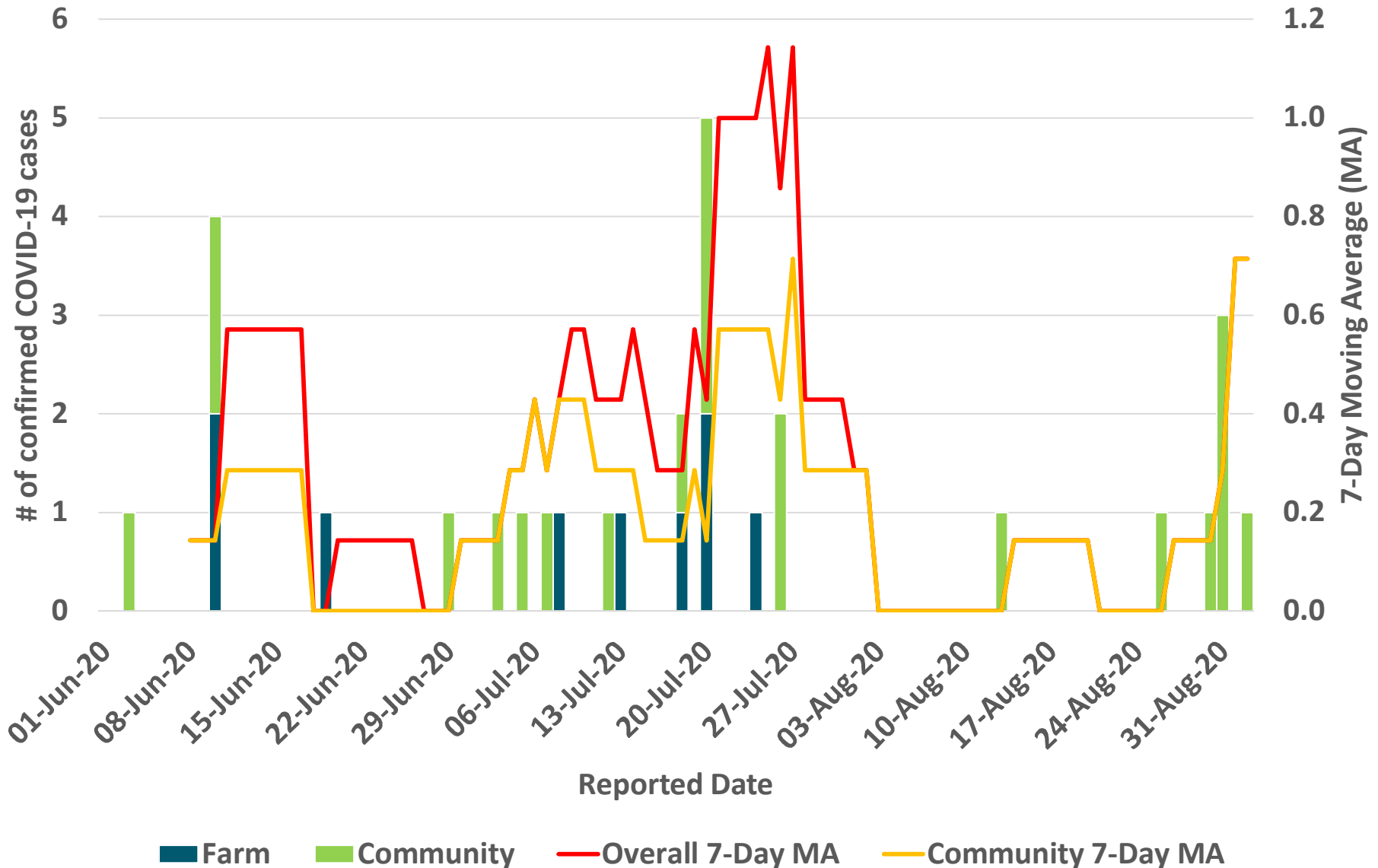


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# Epidemic Curve by Reported Date for Amherstburg

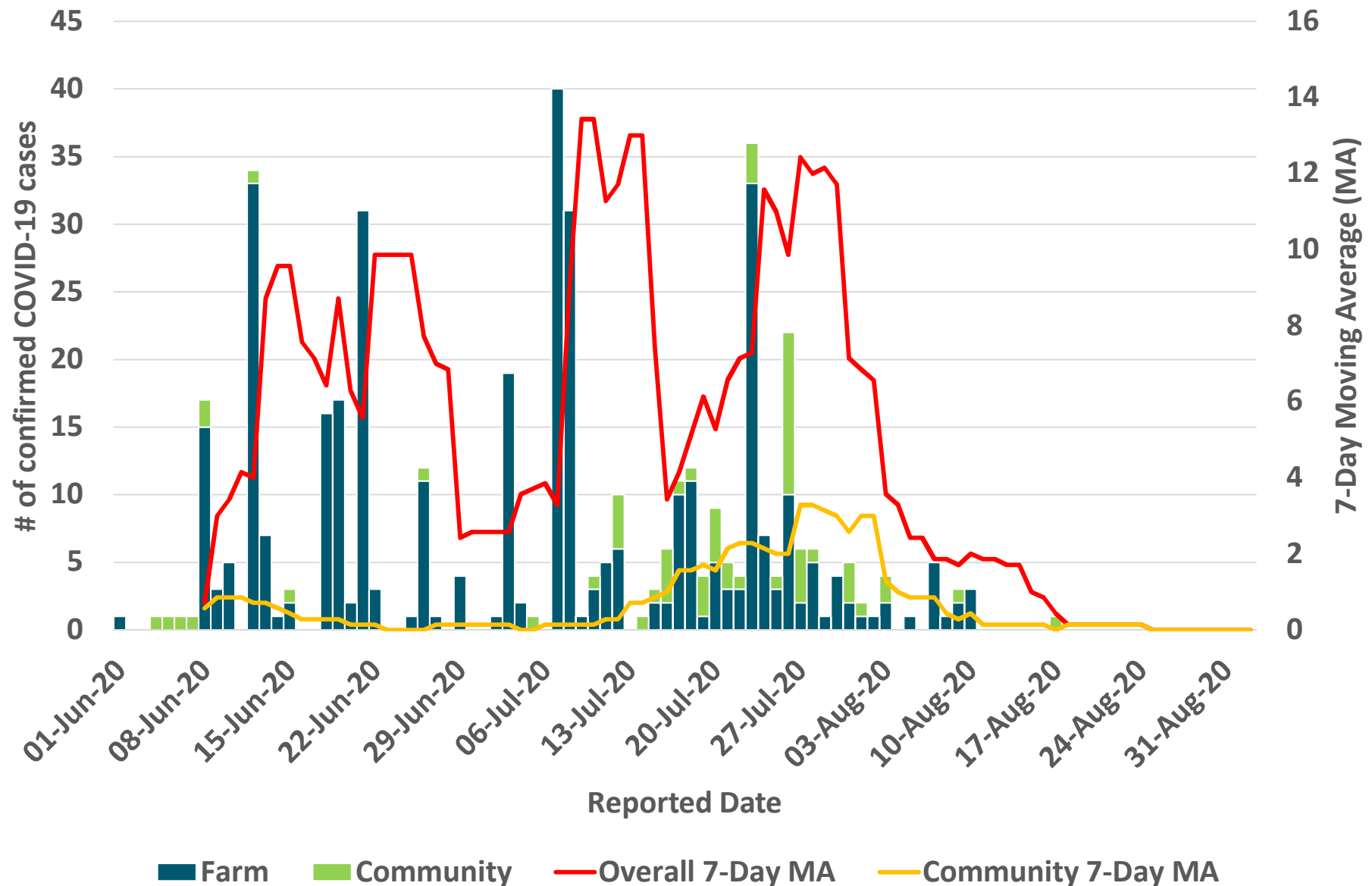


# Epidemic Curve by Reported Date for Essex



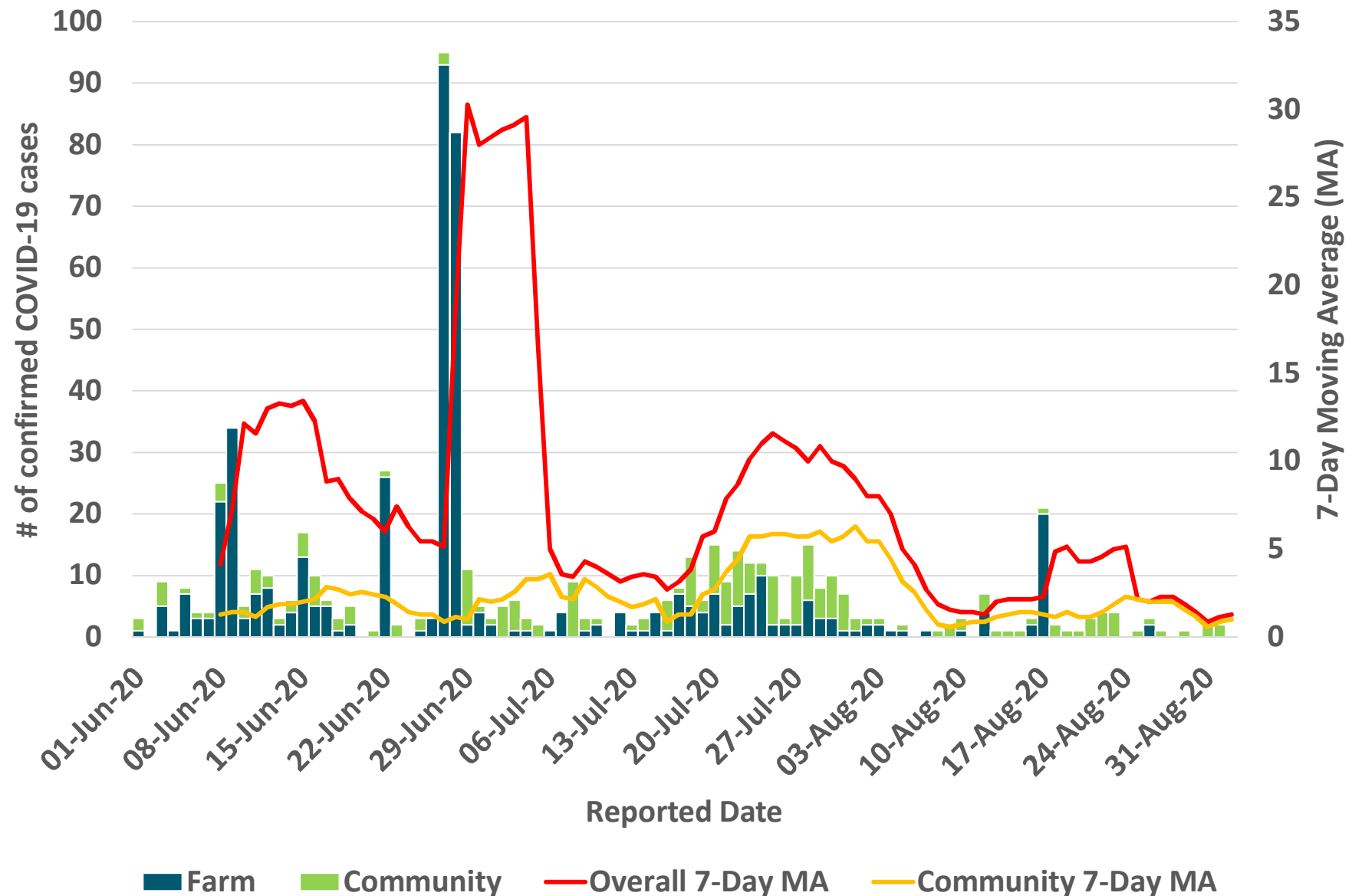
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# Epidemic Curve by Reported Date For Kingsville



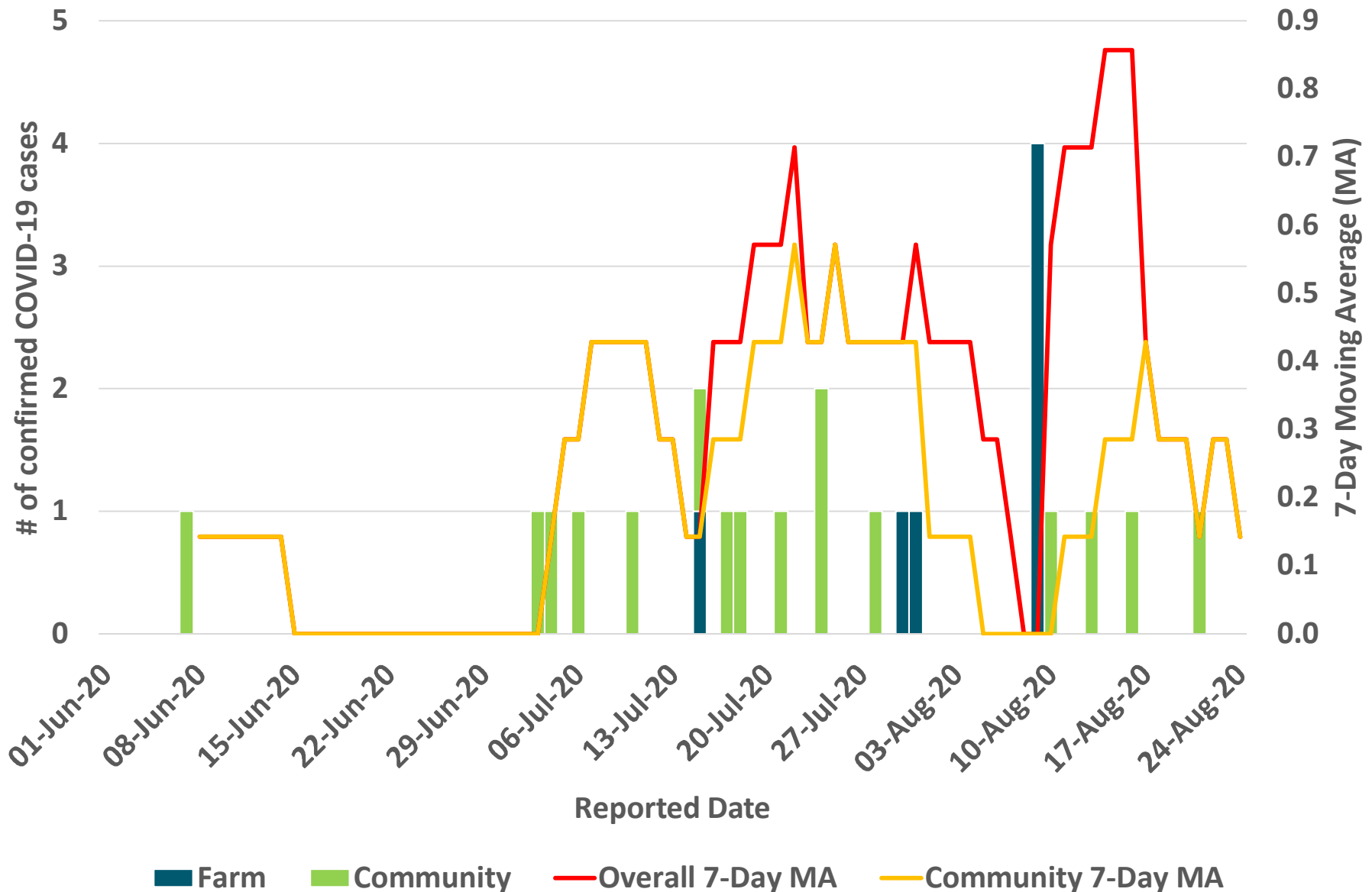


# Epidemic Curve by Reported Date For Leamington



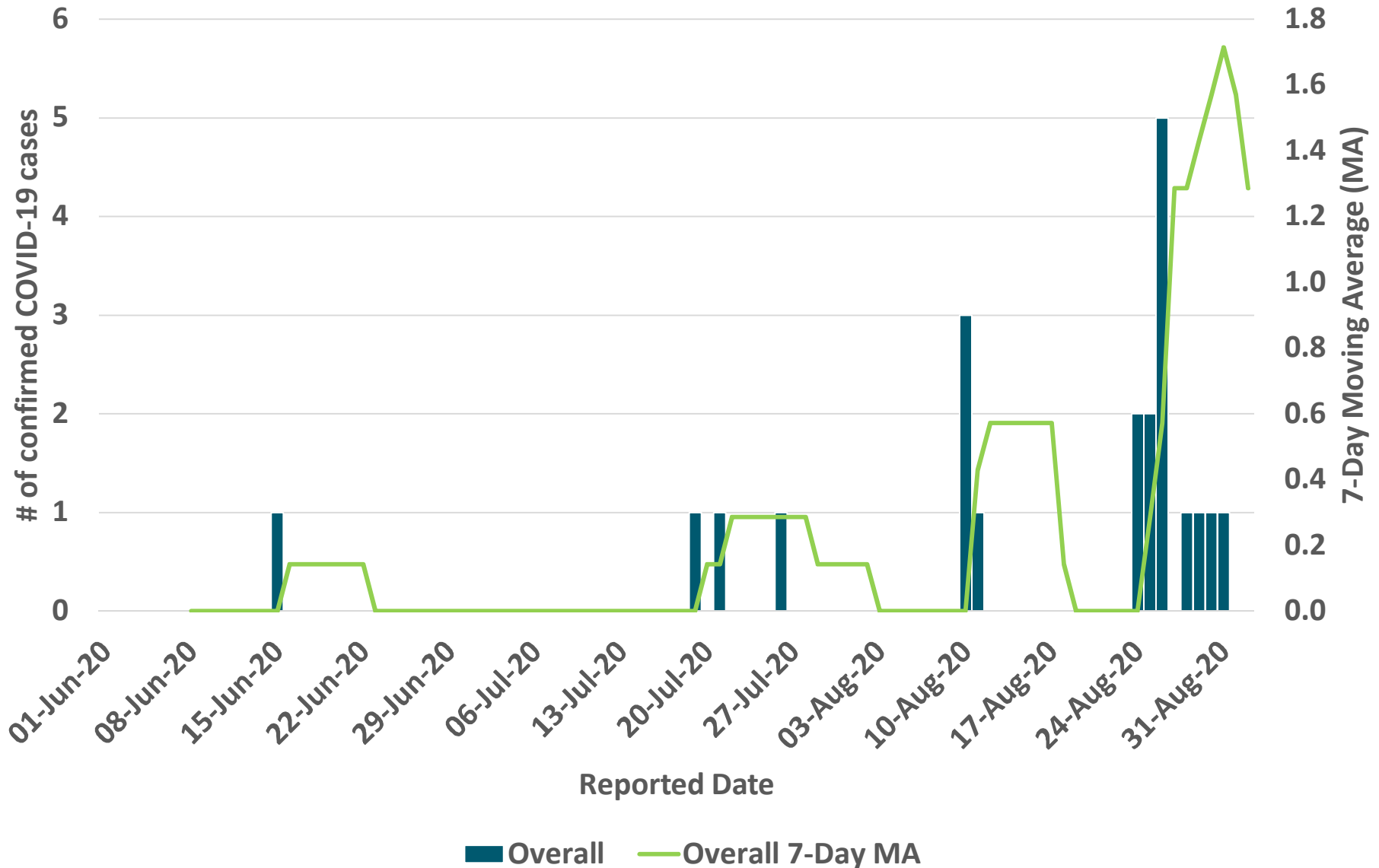
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# Epidemic Curve by Reported Date For Lakeshore



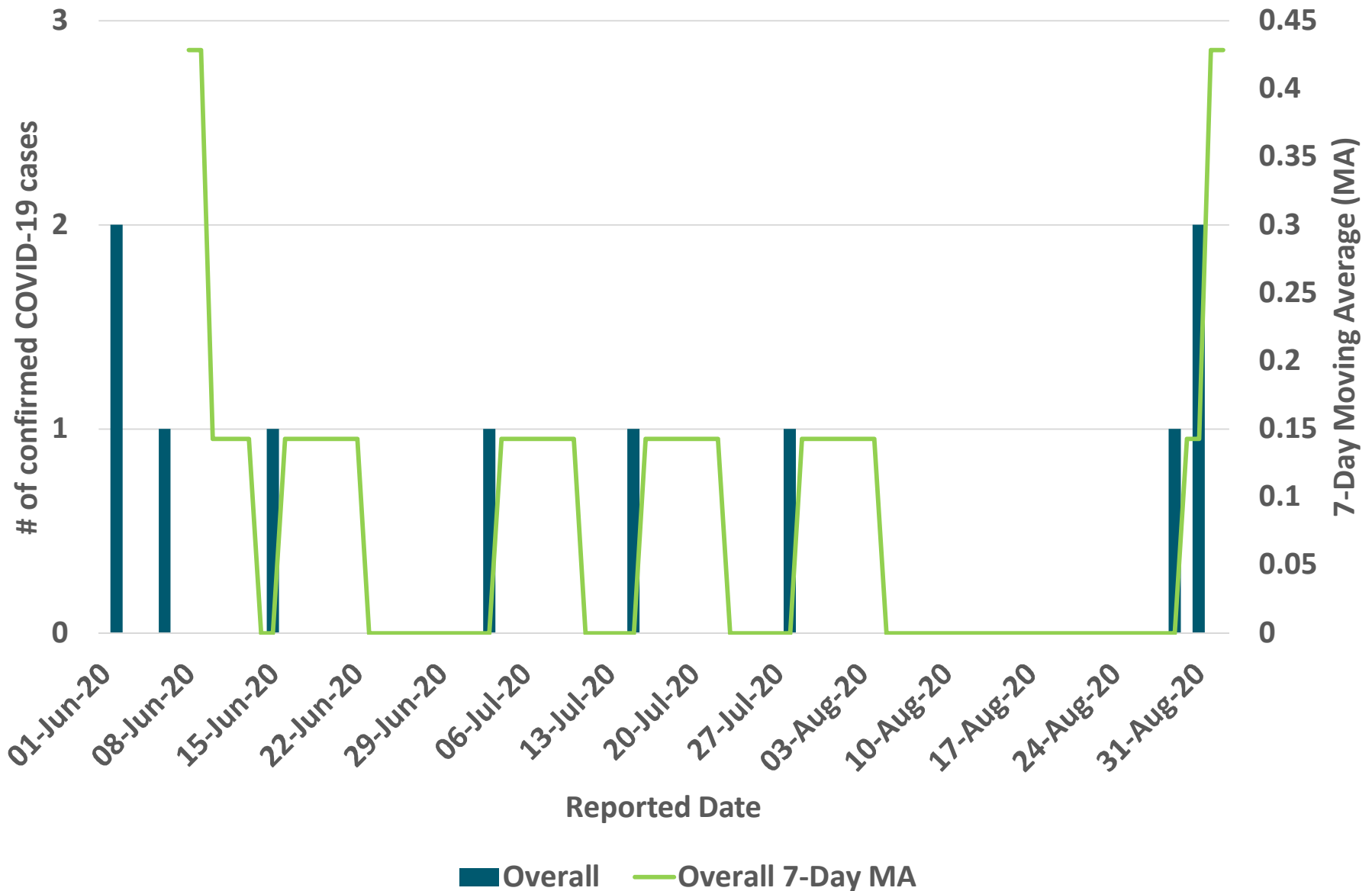
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# Epidemic Curve by Reported Date for LaSalle



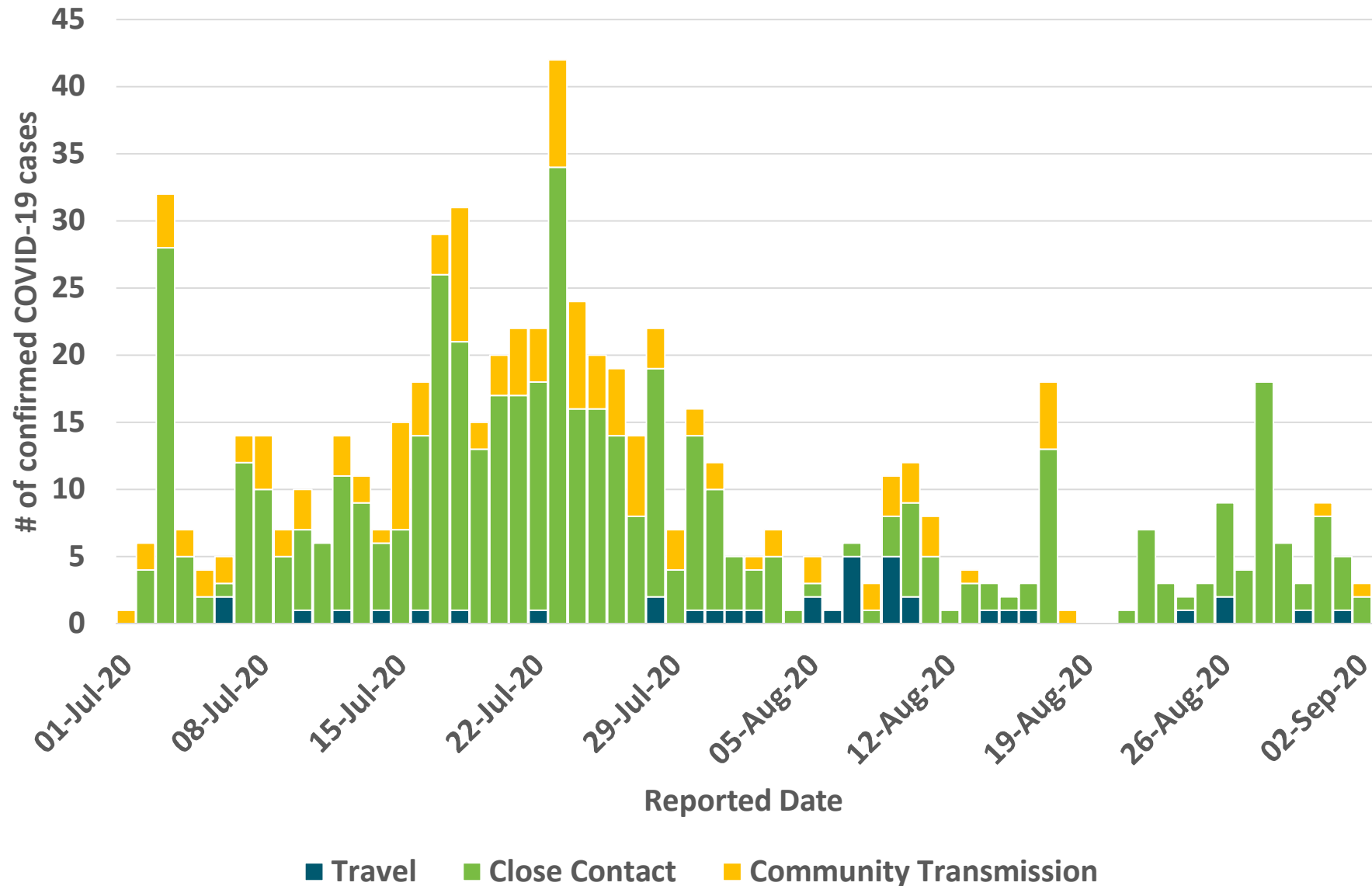
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# Epidemic Curve by Reported Date For Tecumseh

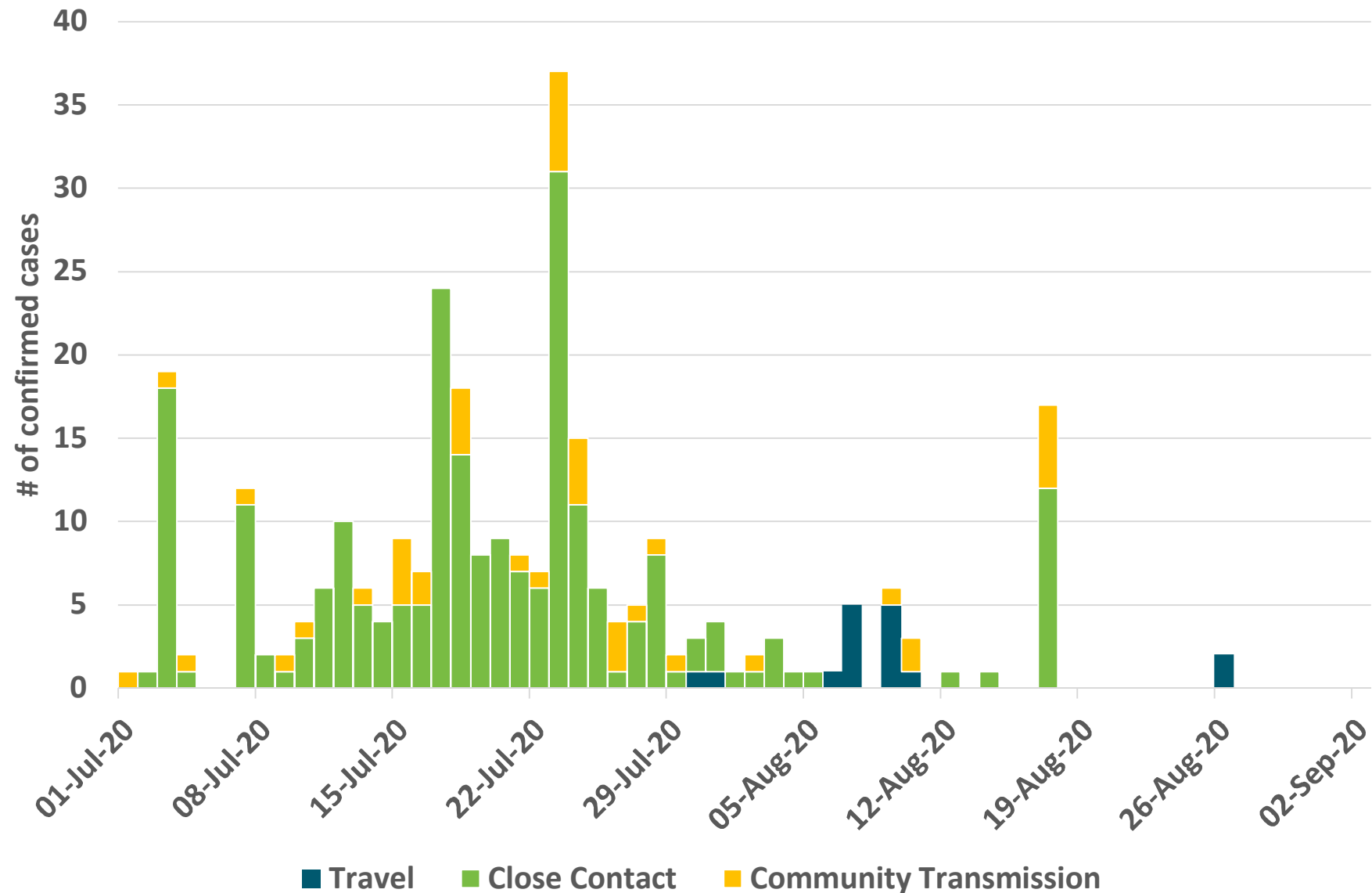


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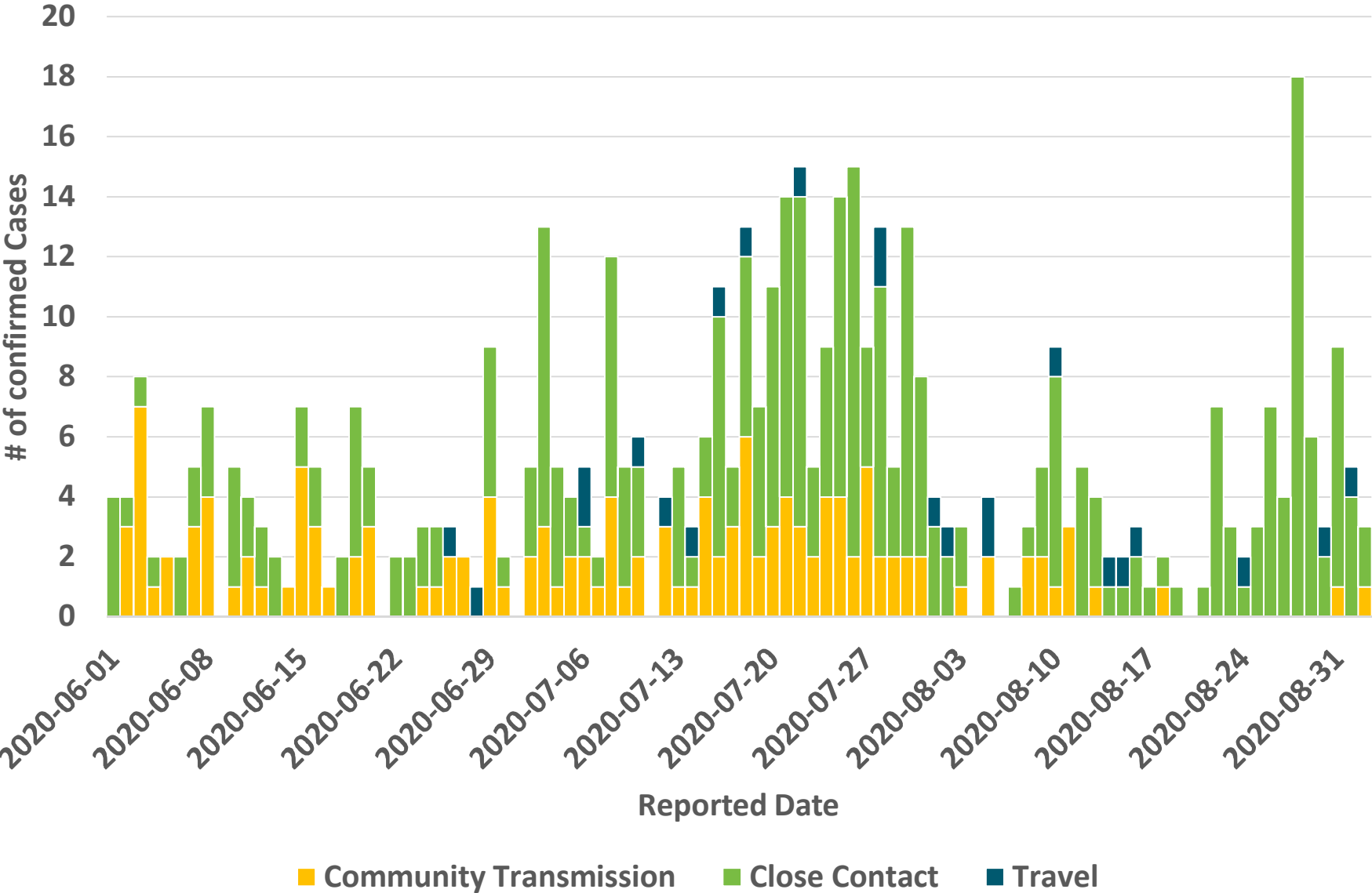
# Exposure History by Reported Date



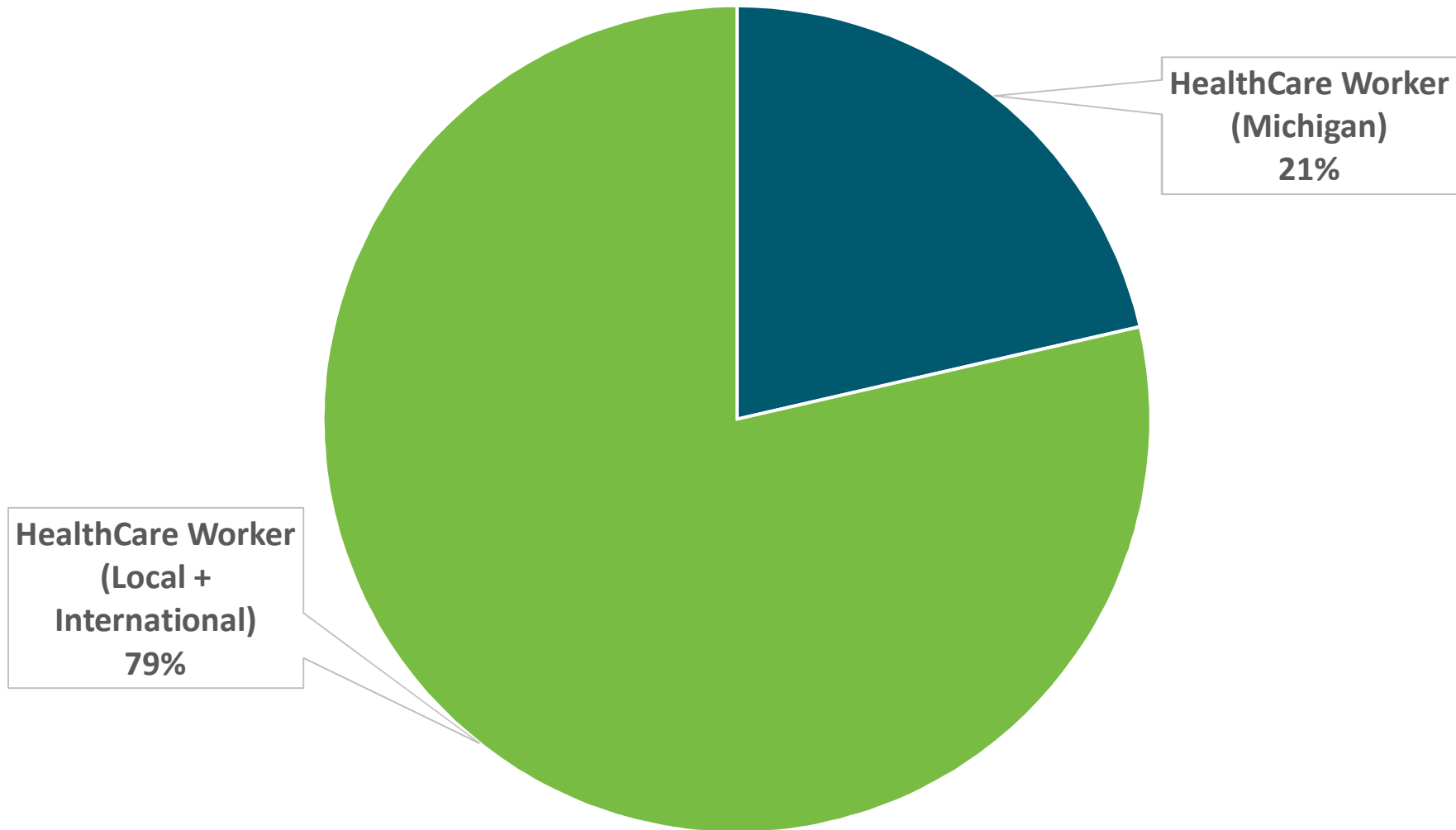
# Exposure History by Reported Date Among Agri-Farm Workers



# Exposure History by Reported Date Among Non-AgriFarm Cases

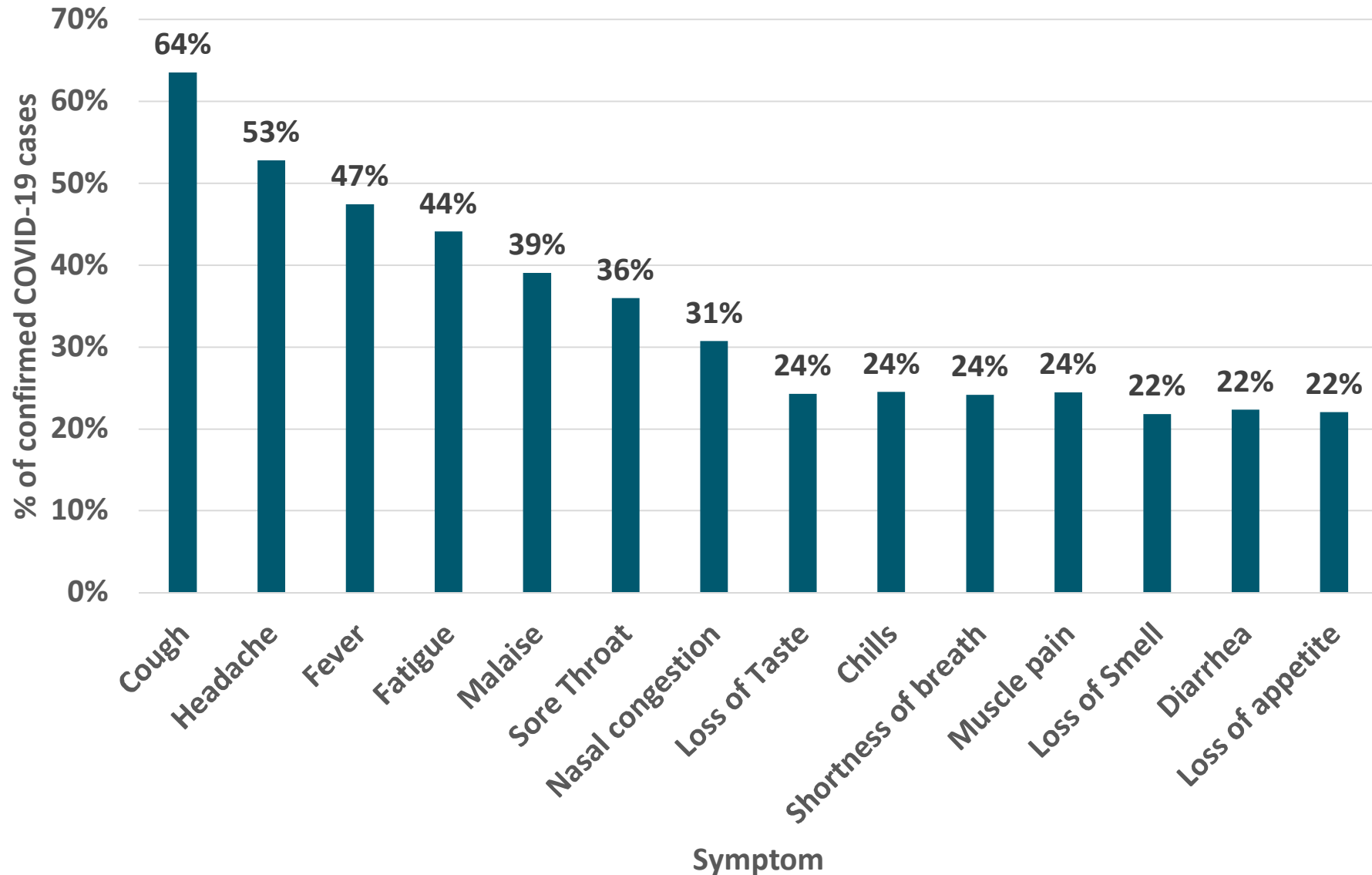


# COVID-19 Cases by Healthcare Worker

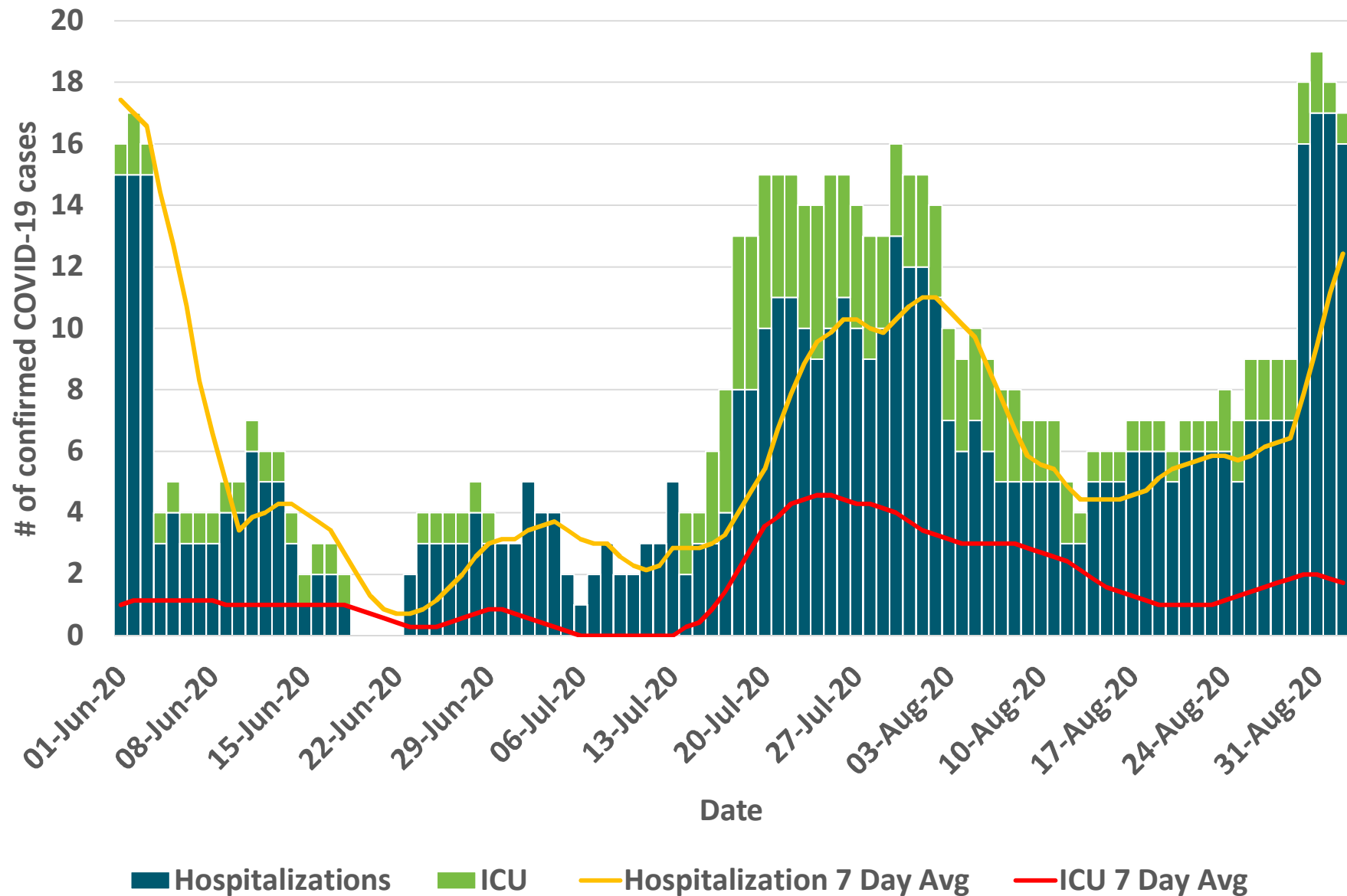




# Most Common Symptoms

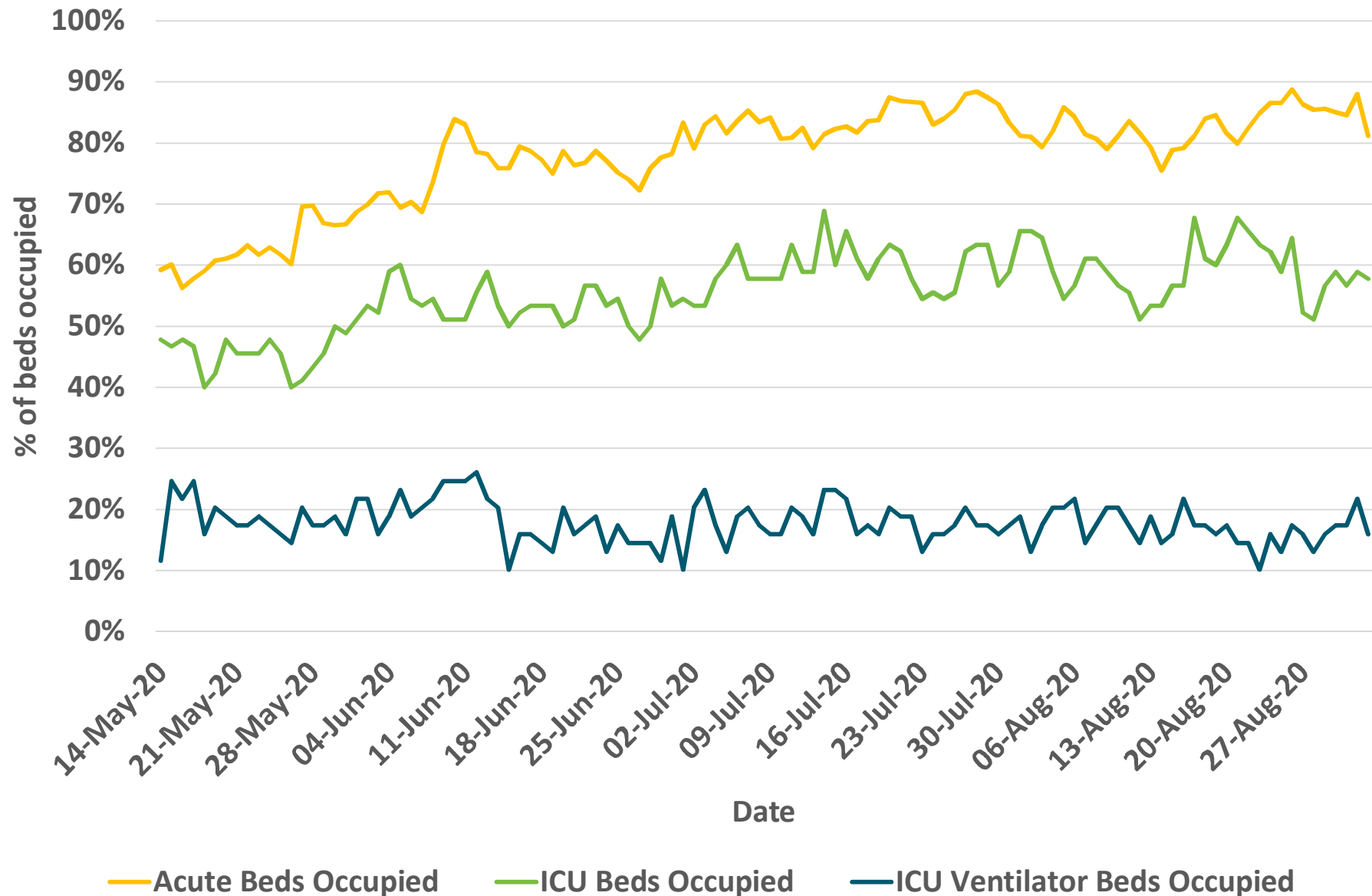


# Hospitalizations & ICU for COVID-19



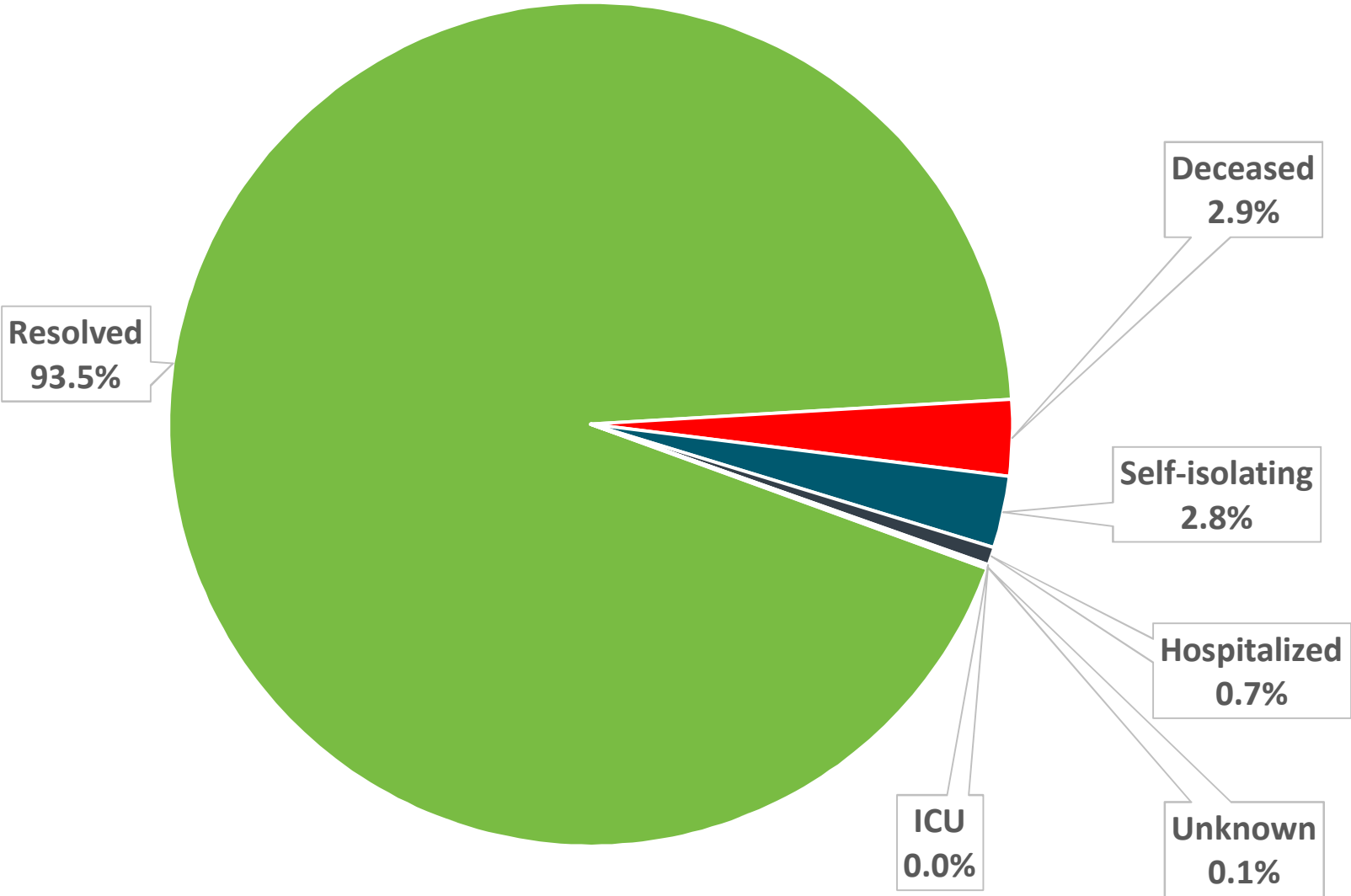
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# Health Care System Capacity

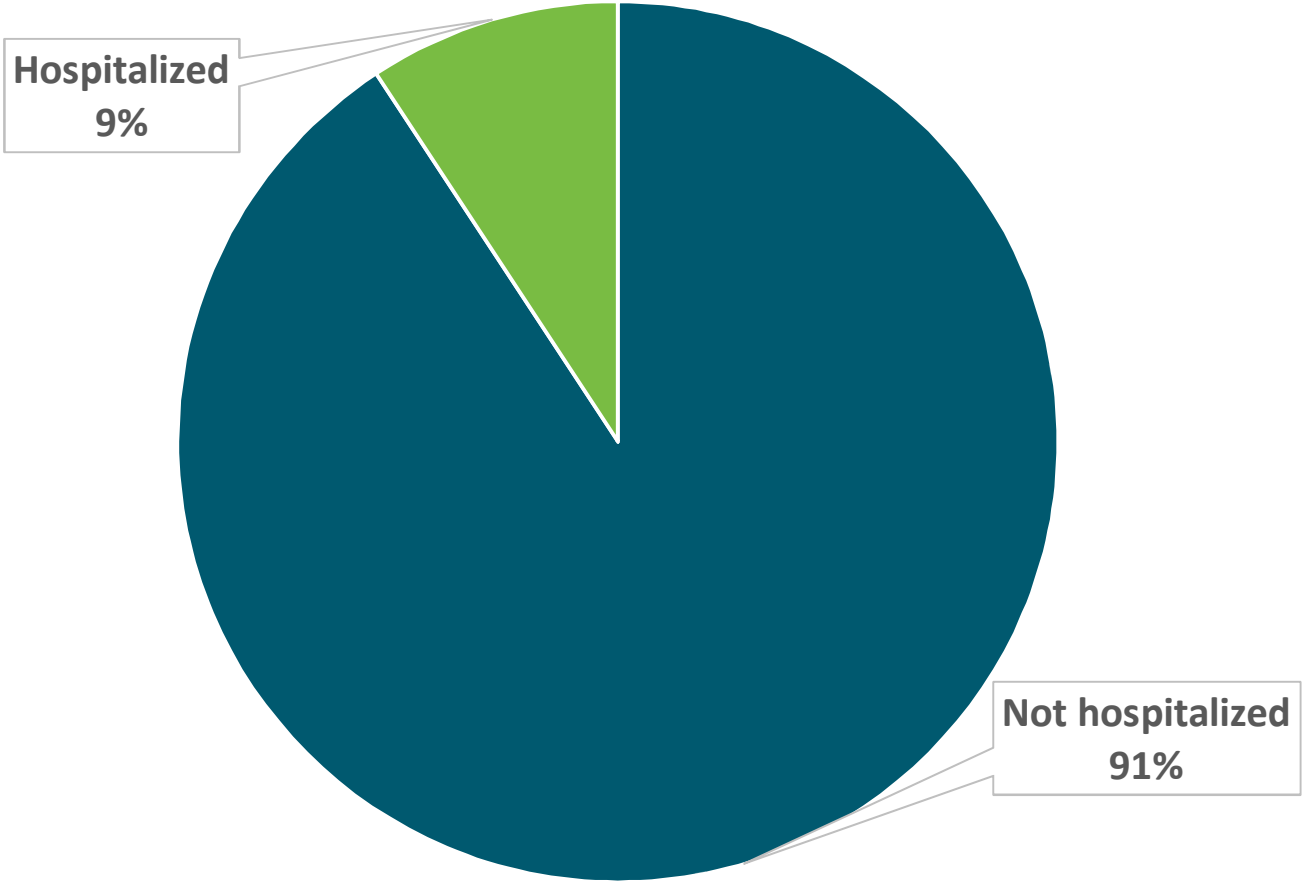


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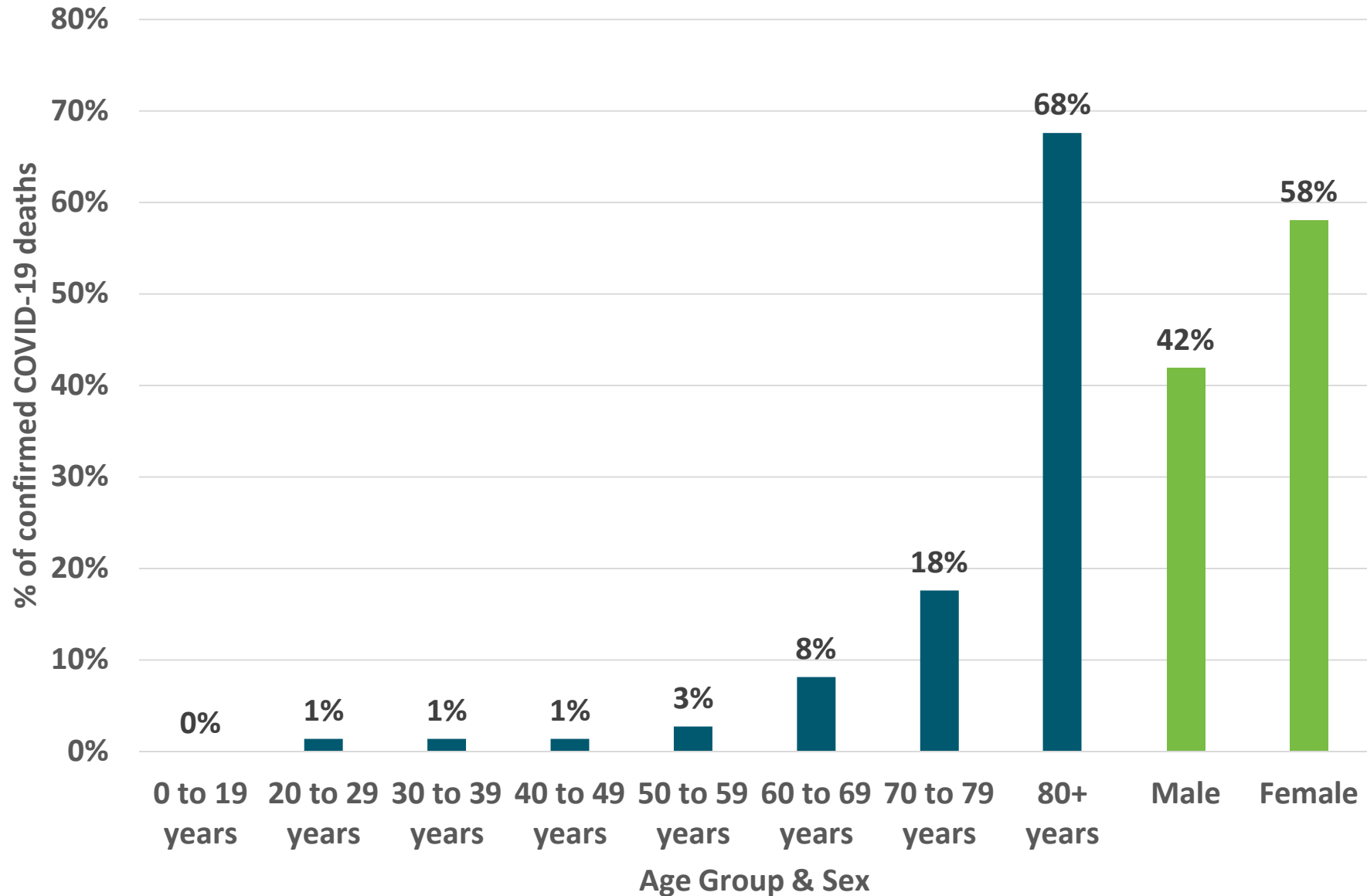
# Current Outcomes



# Ever Hospitalized

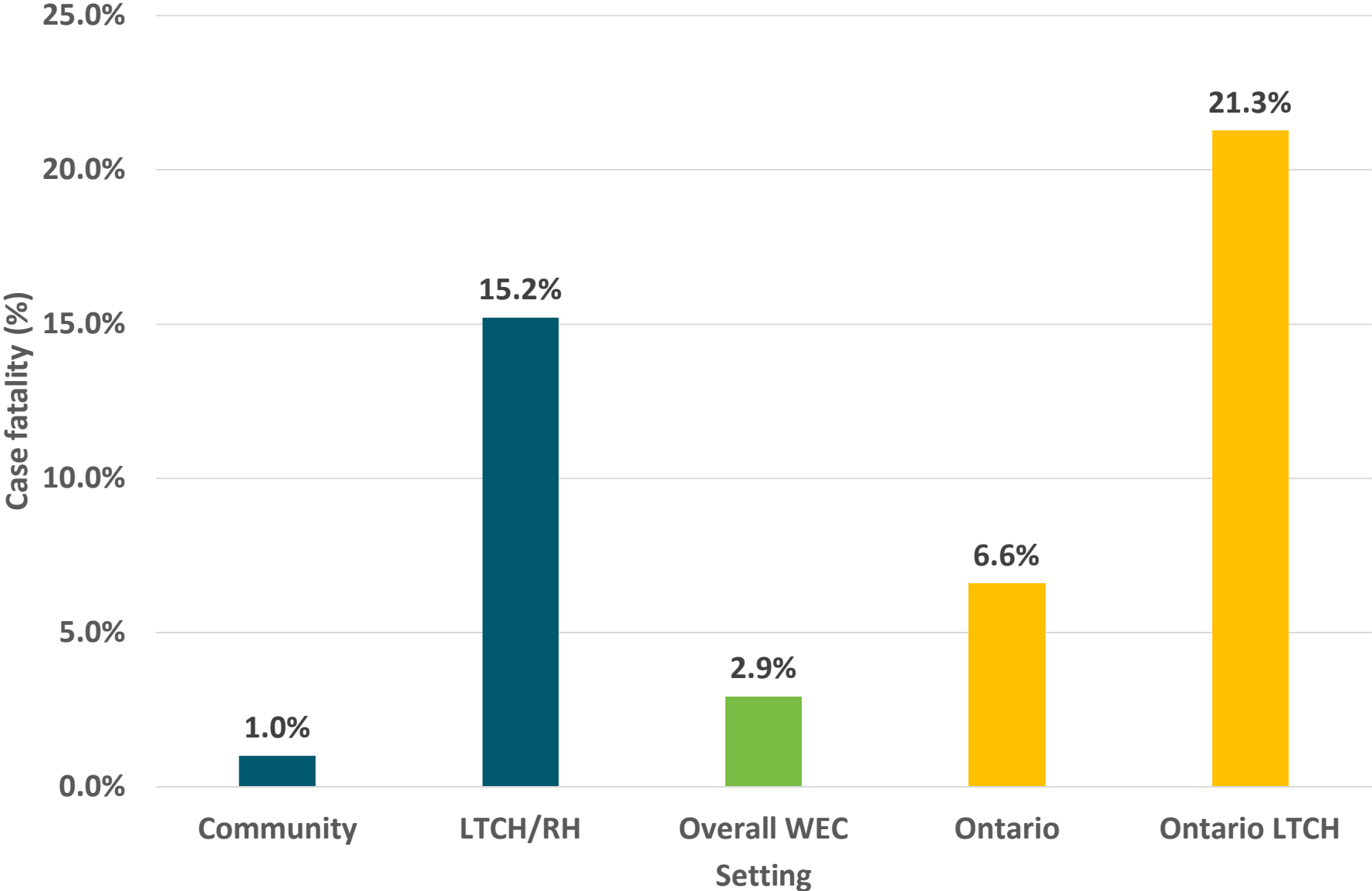


# Age & Sex Breakdown of COVID-19 Deaths

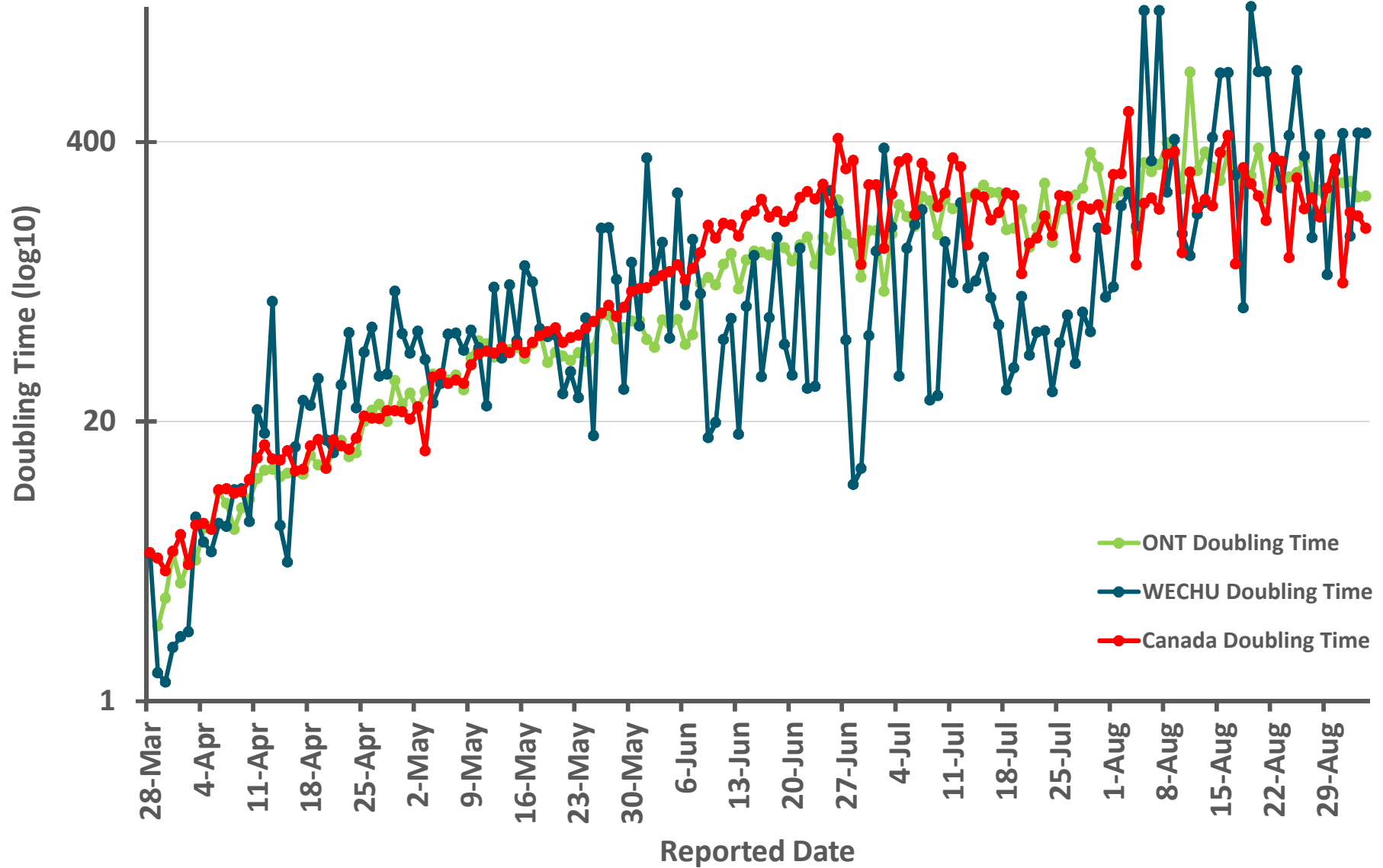


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# Case Fatality Rate



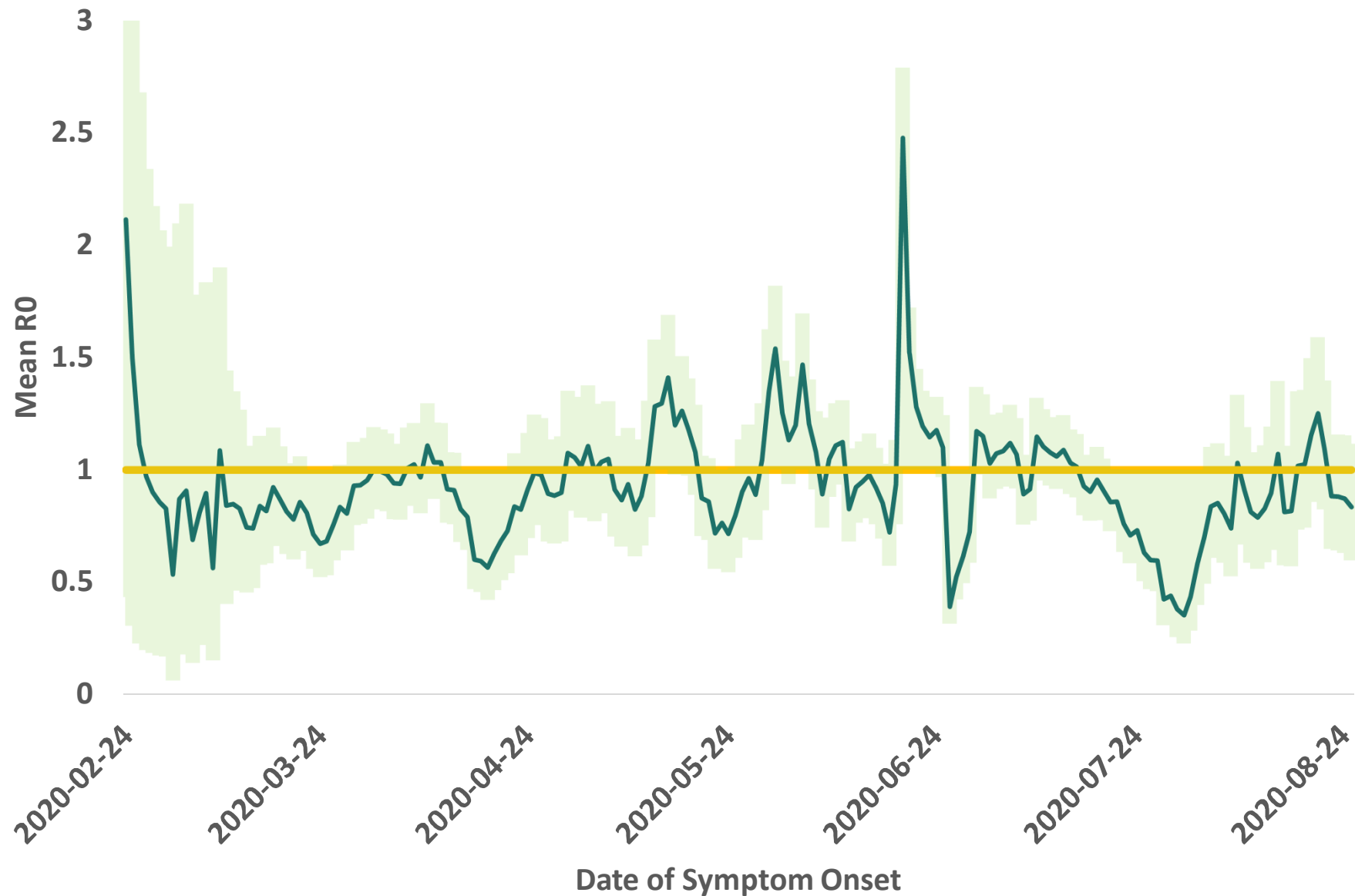
# Doubling Time (Day over Day Comparison)



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# Mean R0 (Effective)



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## Summary

- Windsor-Essex is seeing low cases overall.
- The primary source of exposure continues to be close contact with a confirmed case
- COVID-19 related hospitalizations has increased but ICU capacity is low.
- Day-over-day doubling time in Windsor-Essex is on par with the province and nationally
- $R_0$  (effective) value is 0.83 indicating a decrease in transmission in Windsor-Essex