



COVID-19 *LIVE UPDATE*

September 18, 2020

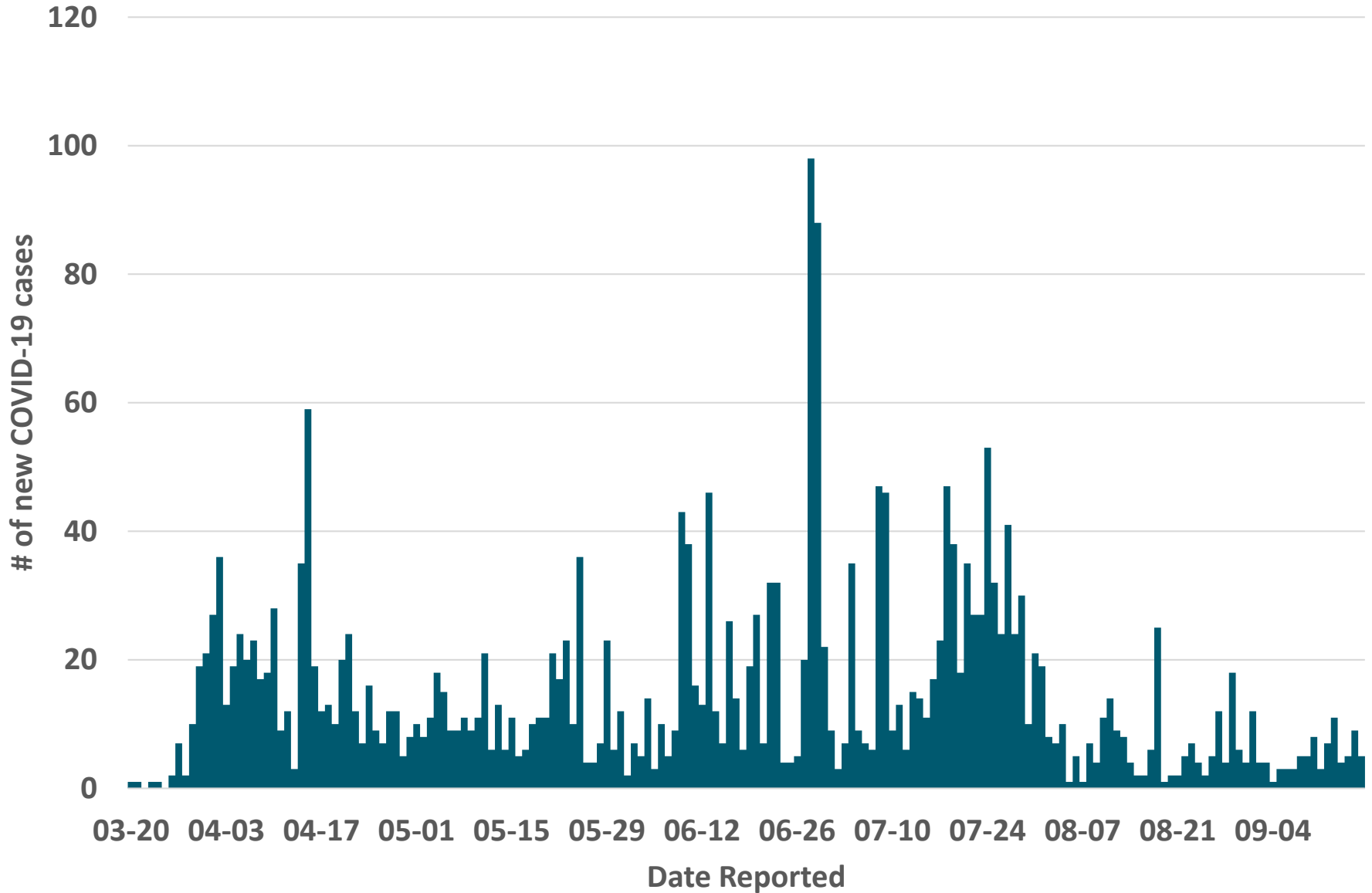
FOR UP-TO-DATE
CASE NUMBERS
VISIT
wechu.org

COVID-19 Epidemiological Summary

Content covered:

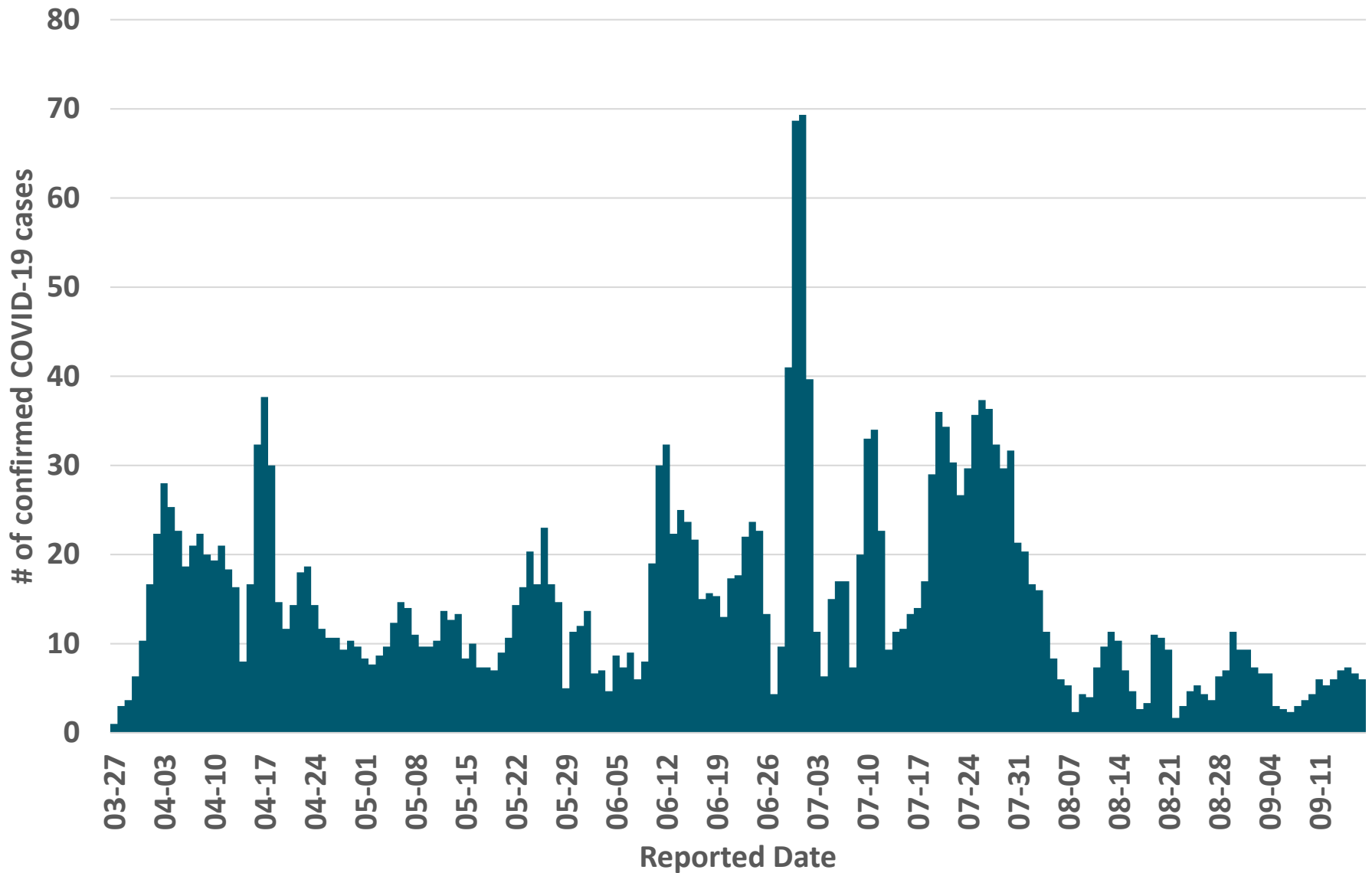
- Epidemic curves
- Syndromic surveillance
- Regional & provincial rates
- Percent positivity
- Positive test turnaround time
- Case investigation time
- Age & sex distribution
- Geographical rates & distribution of cases
- Exposure history
- Healthcare worker status
- Hospitalizations & ICU
- Healthcare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

Epidemic Curve by Reported Date



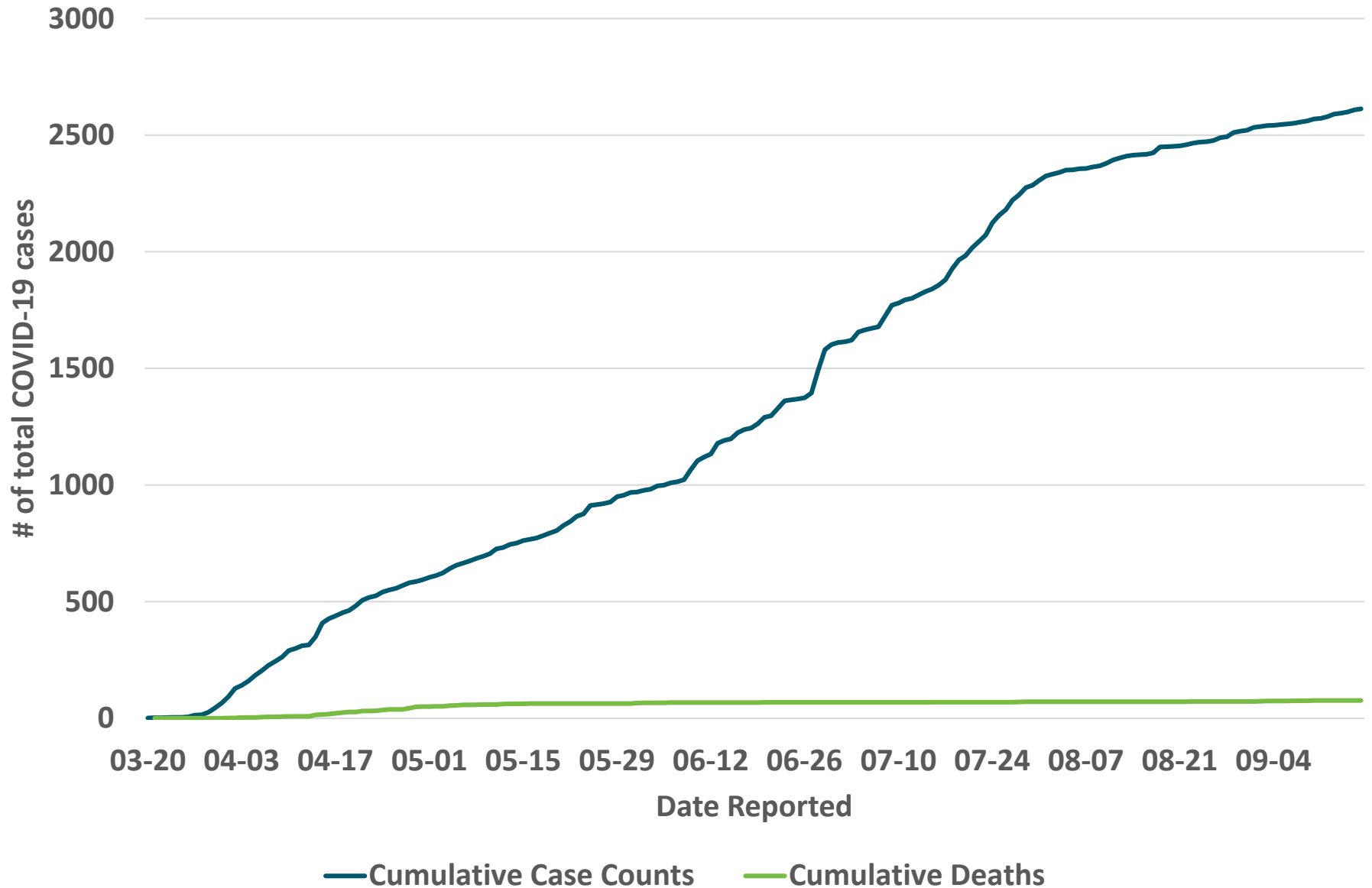
2020-09-18

Epidemic Curve by 3-Day Moving Average by Reported Date



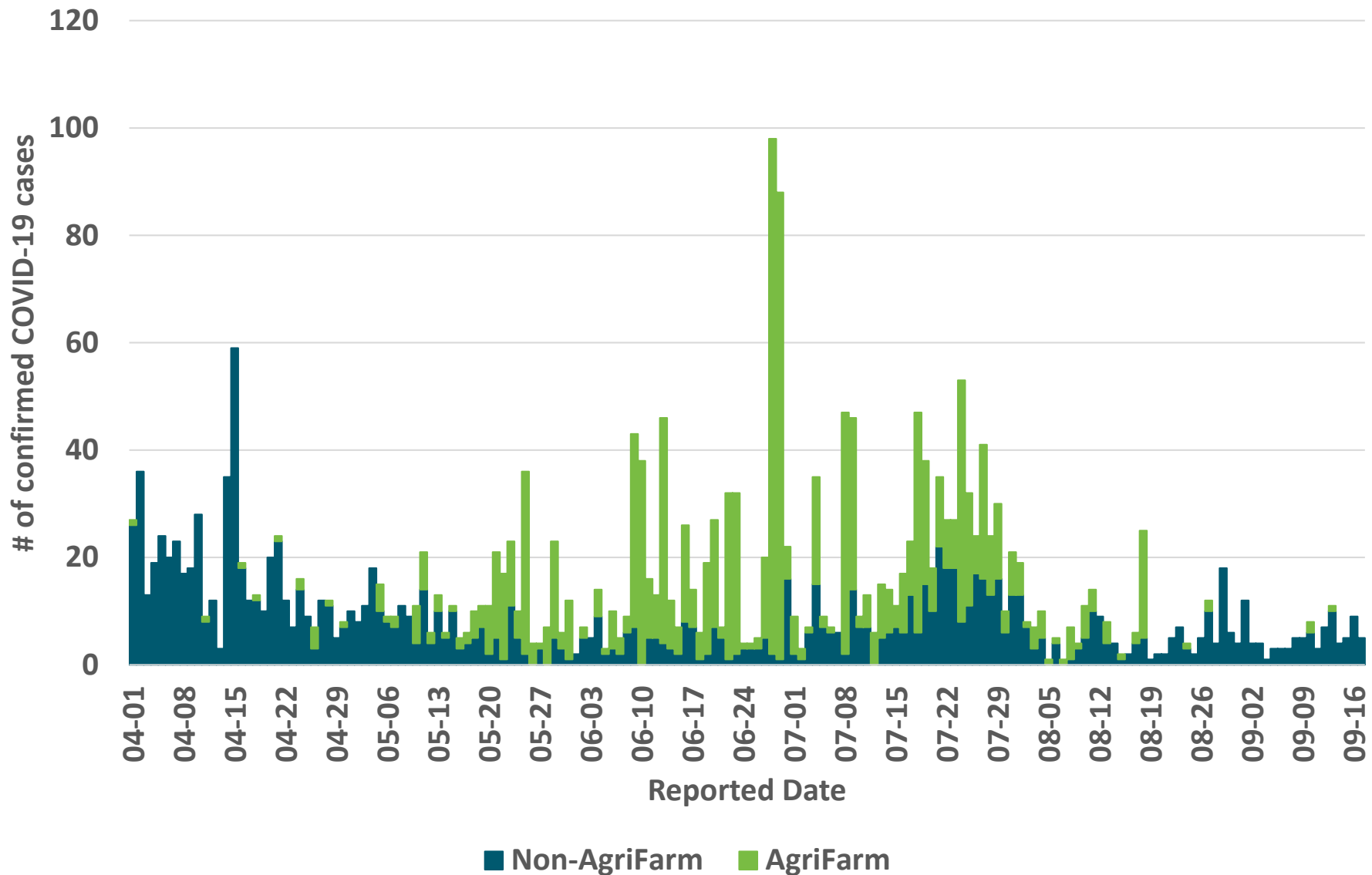
2020-09-18

Cumulative Cases and Deaths of COVID-19 in WEC

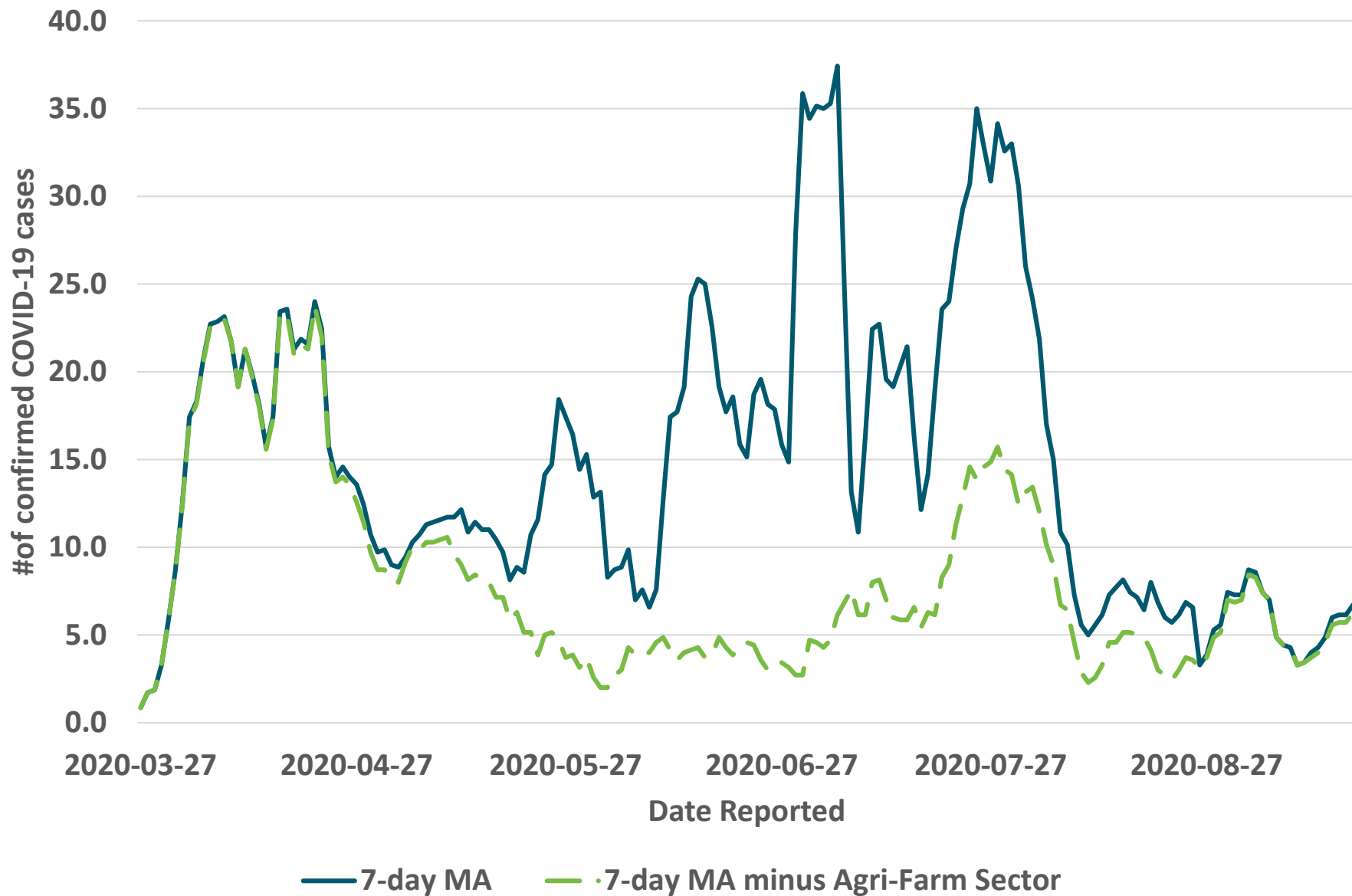


2020-09-18

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

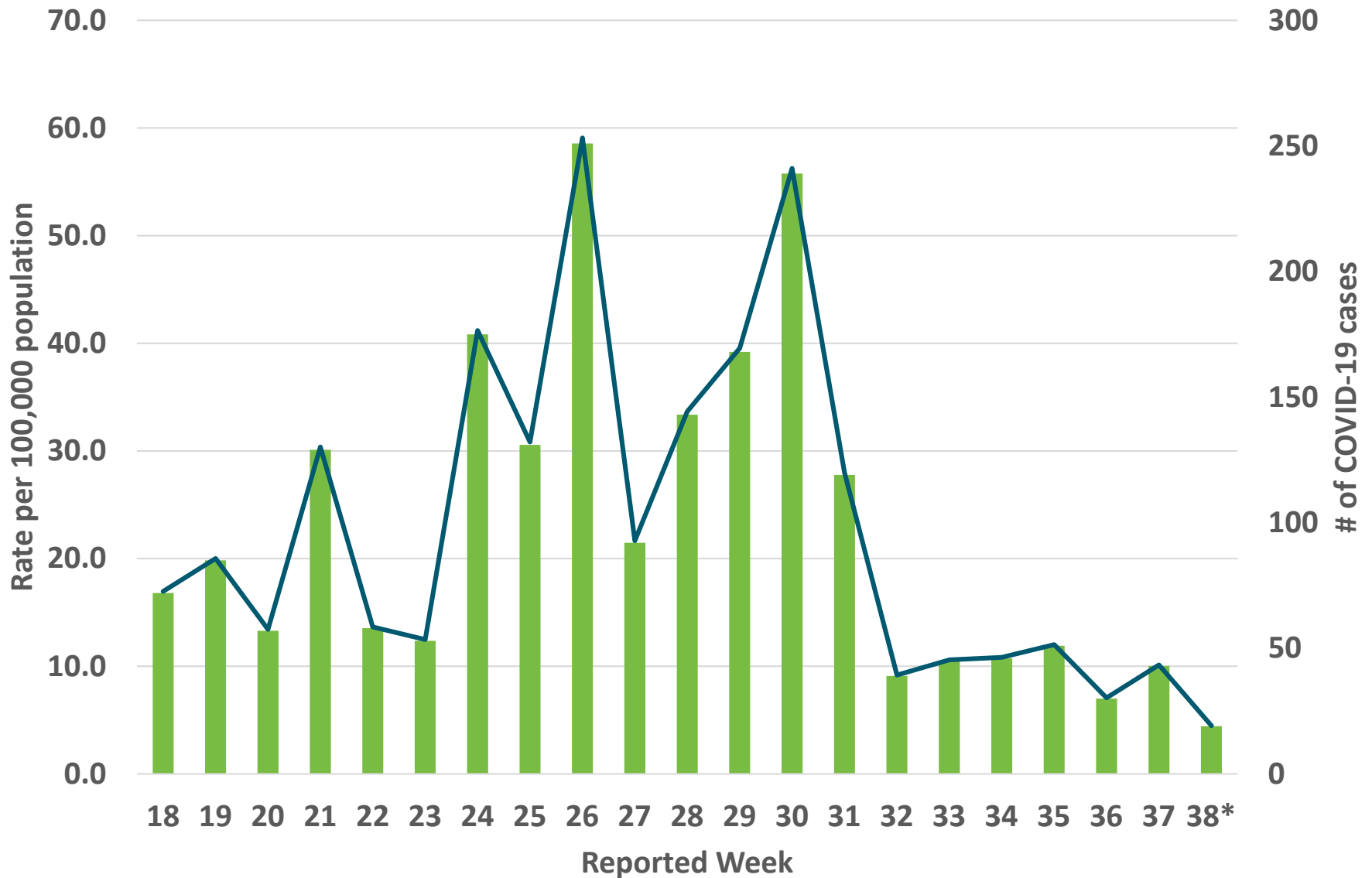


7-Day Moving Average by Reported Date

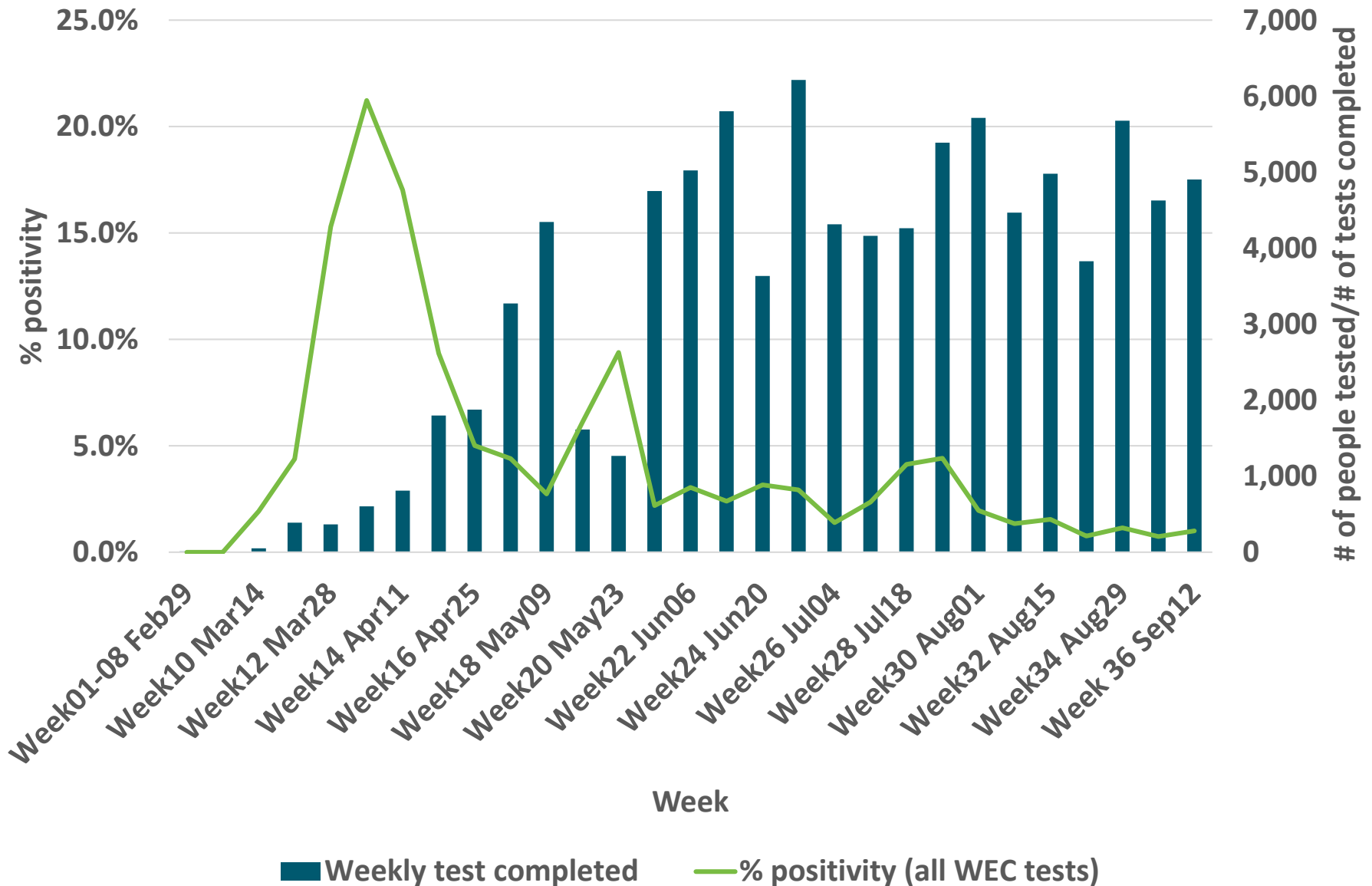


2020-09-18

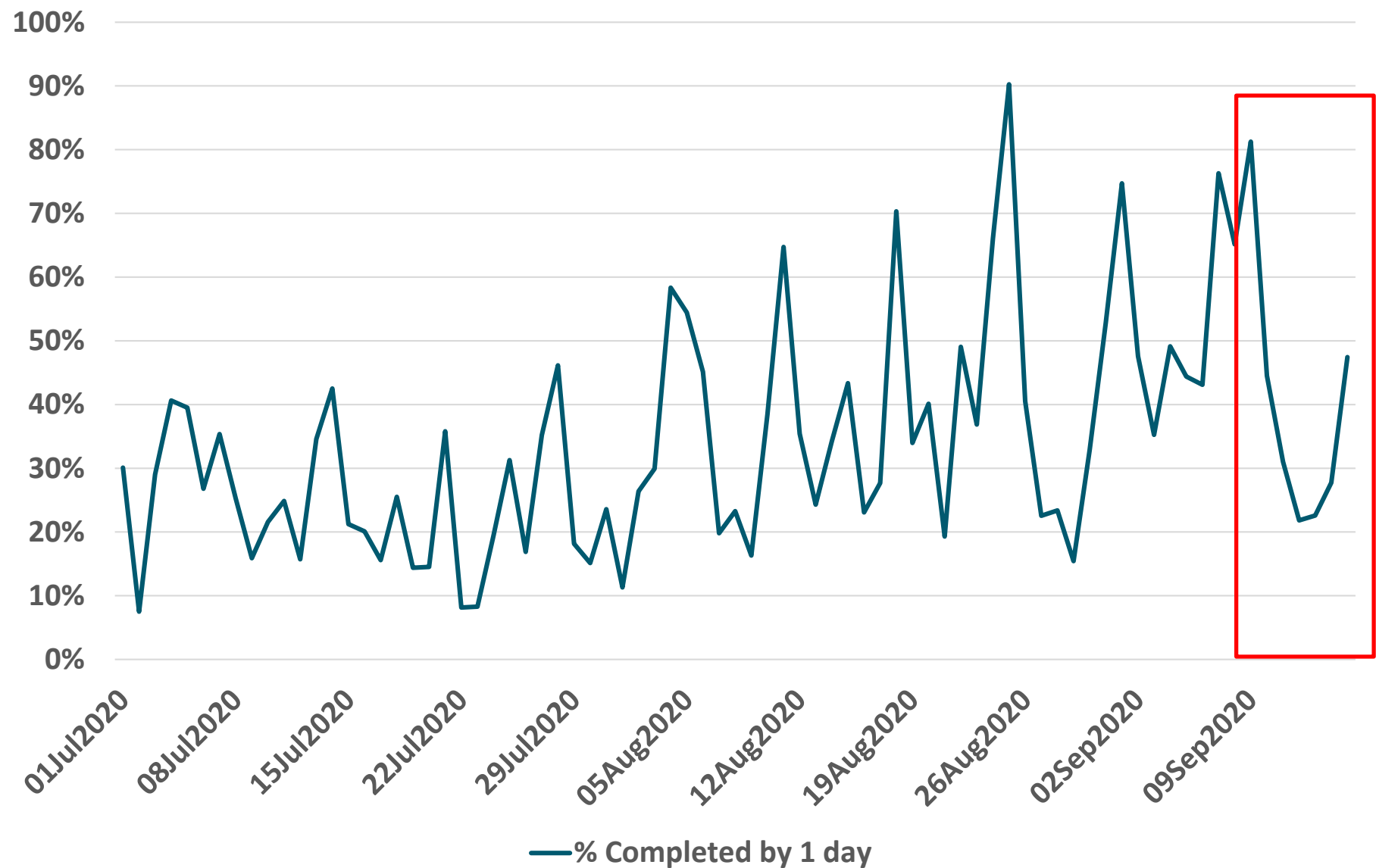
Windsor-Essex Rate by Reported Week



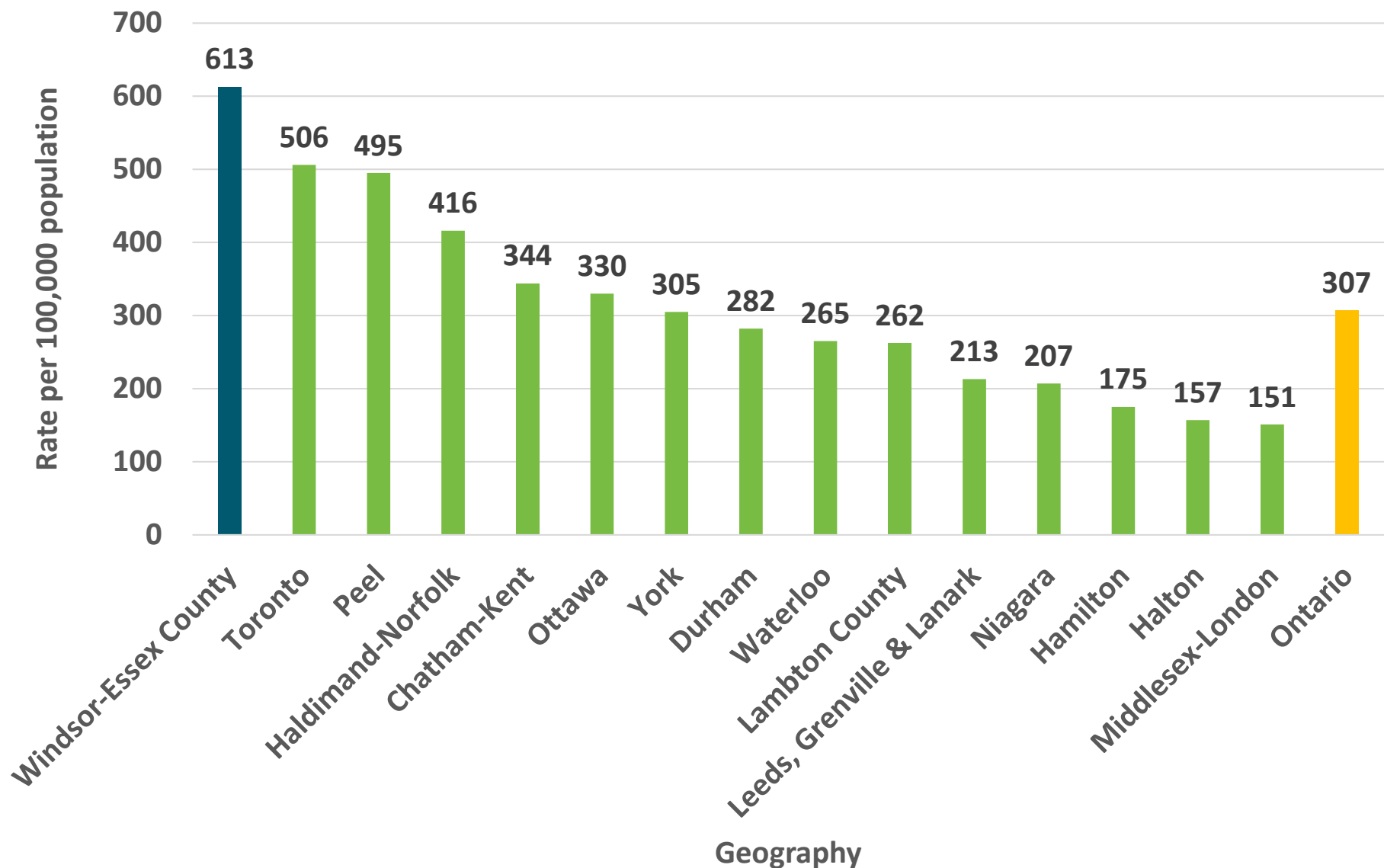
Percent Positivity by Week by All Tests



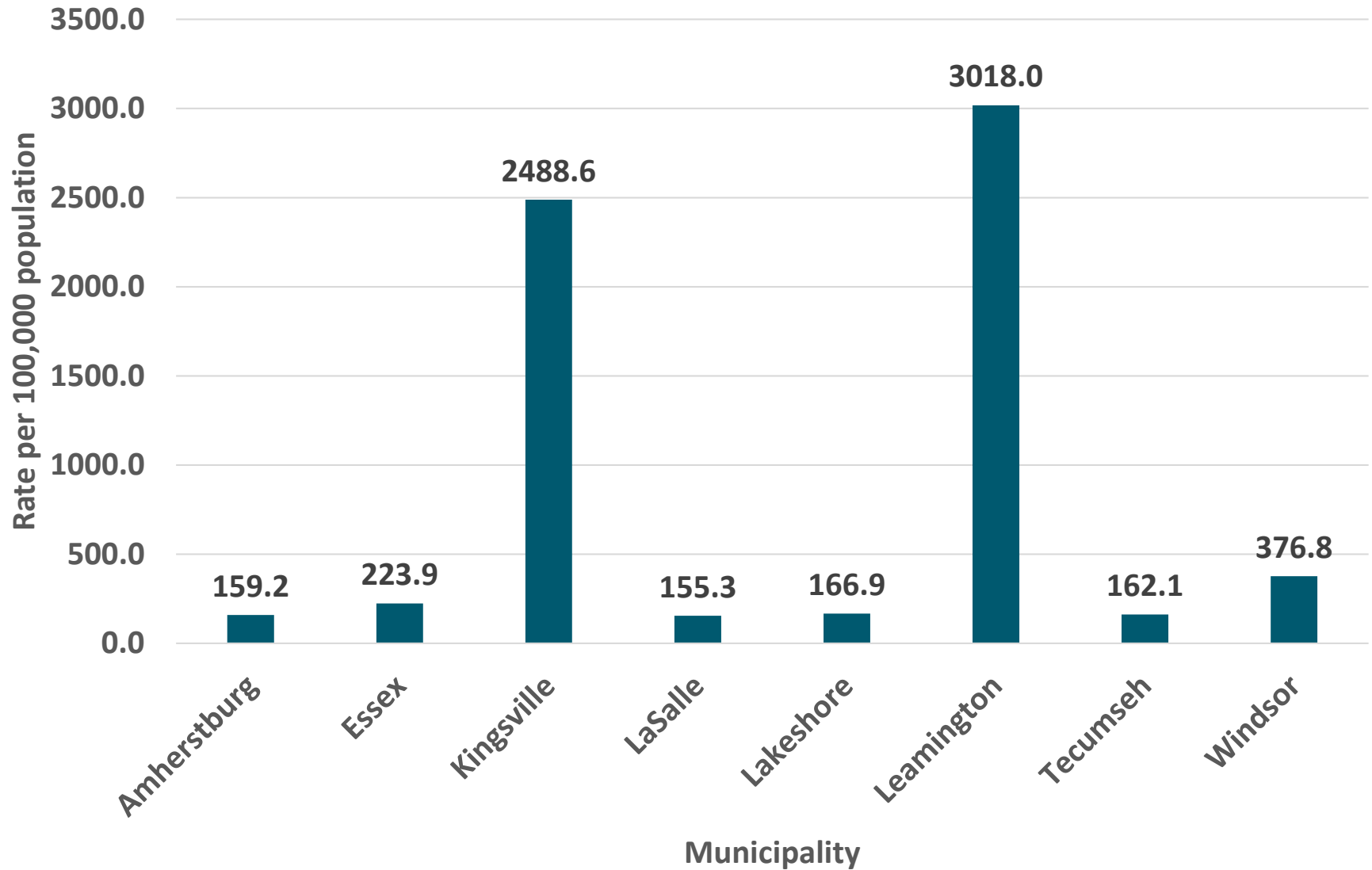
Percentage of Tests Results Available Within 1 Day



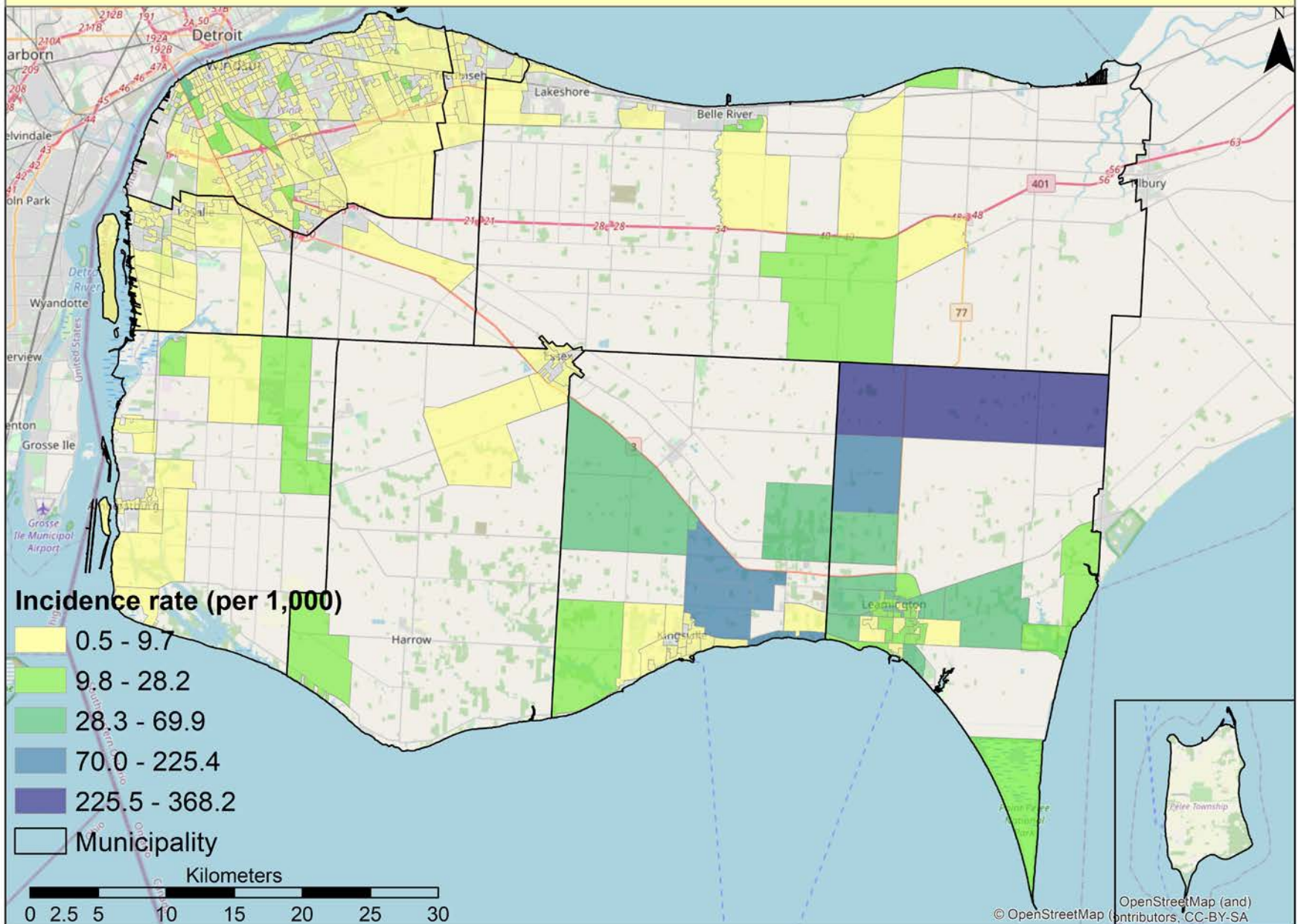
Regional & Provincial Rates



Rate per 100,000 by Municipality



Map of confirmed COVID-19 cases in WEC



Incidence rate (per 1,000)

0.8 - 3.5
3.6 - 6.7
6.8 - 11.8
11.9 - 23.3
23.4 - 47.3

Municipality

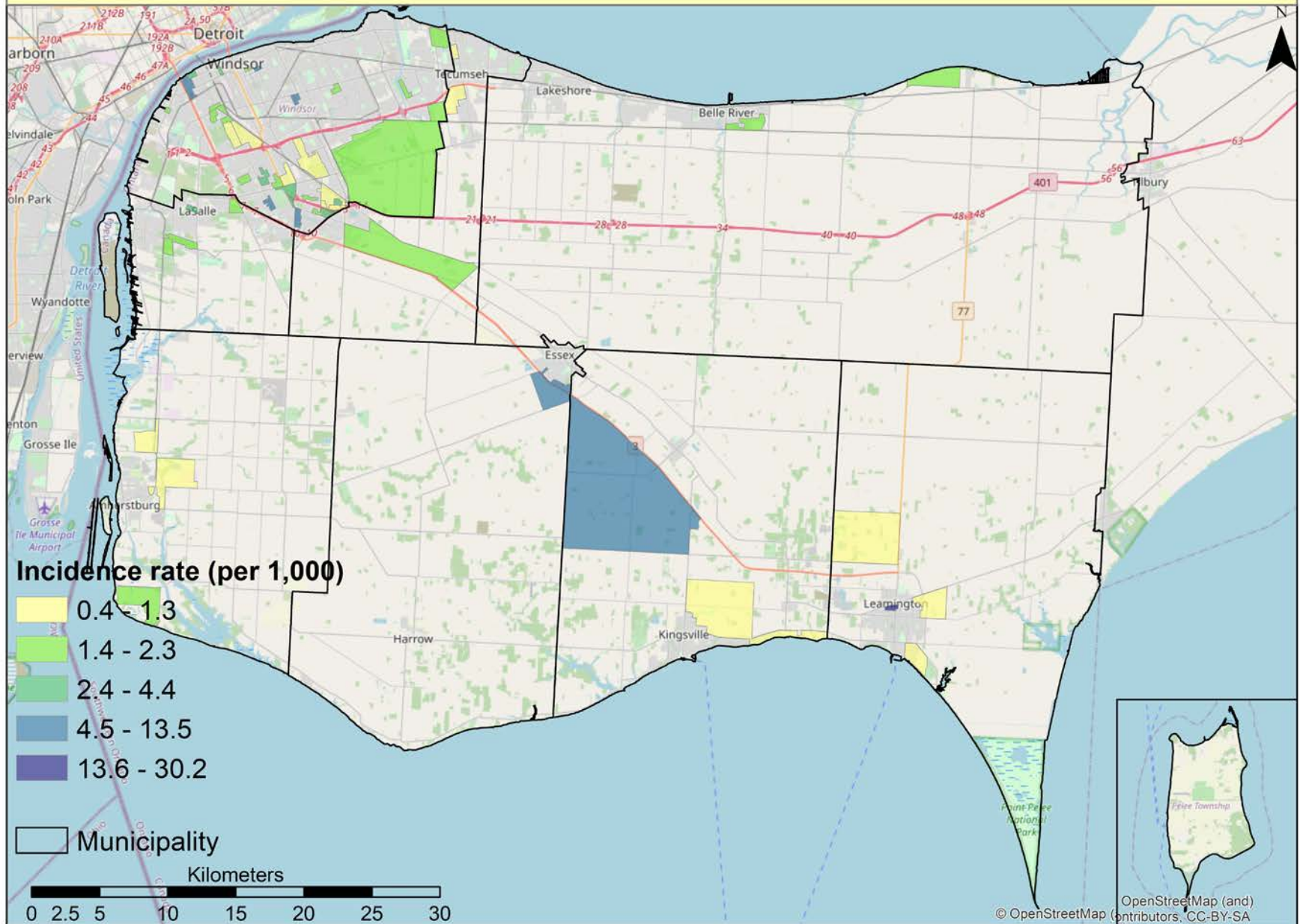
Kilometers

0 0.5 1 2 3 4 5 6

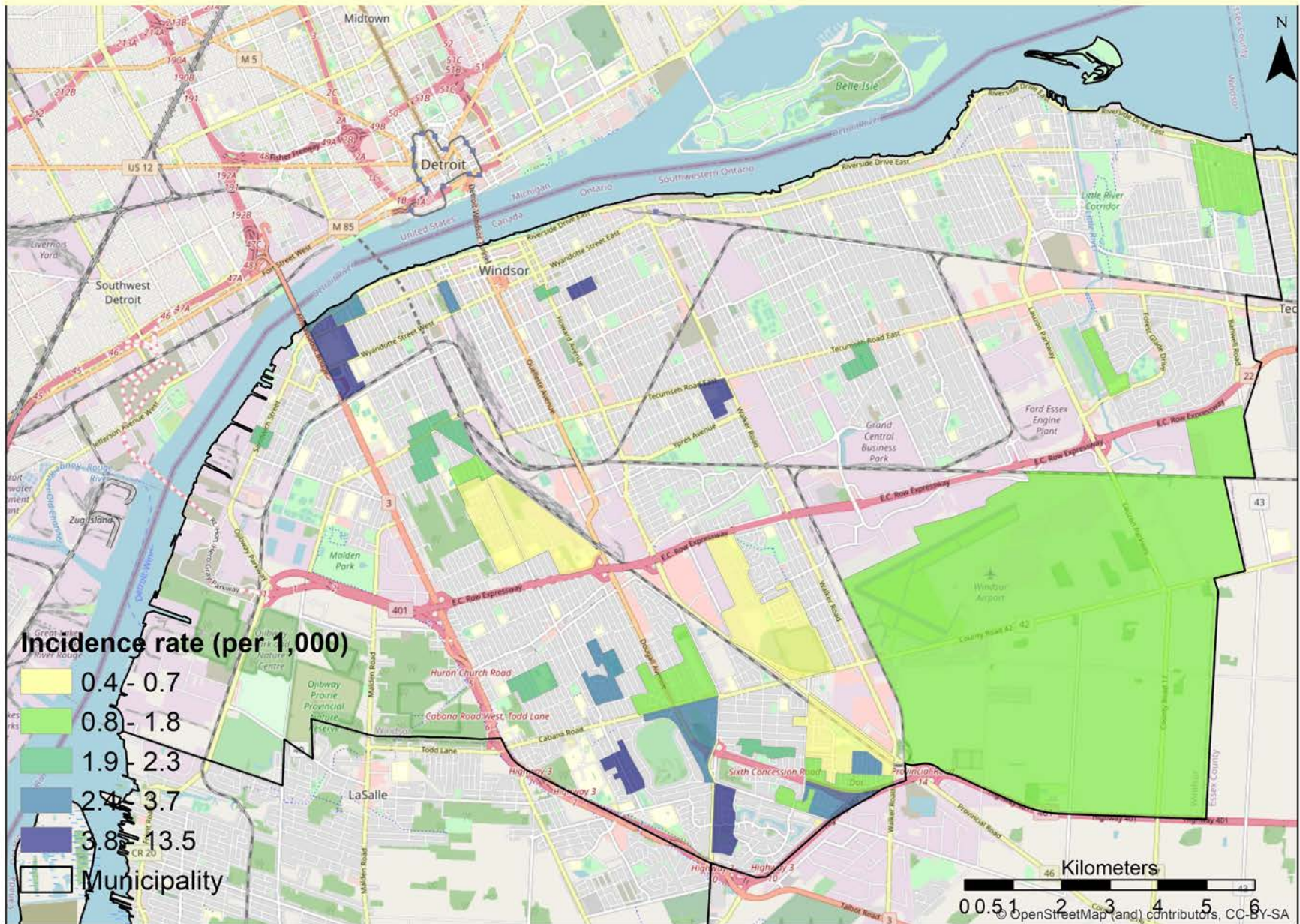
© OpenStreetMap (and) contributors, CC-BY-SA

2020-09-18

Map of confirmed active COVID-19 cases in WEC

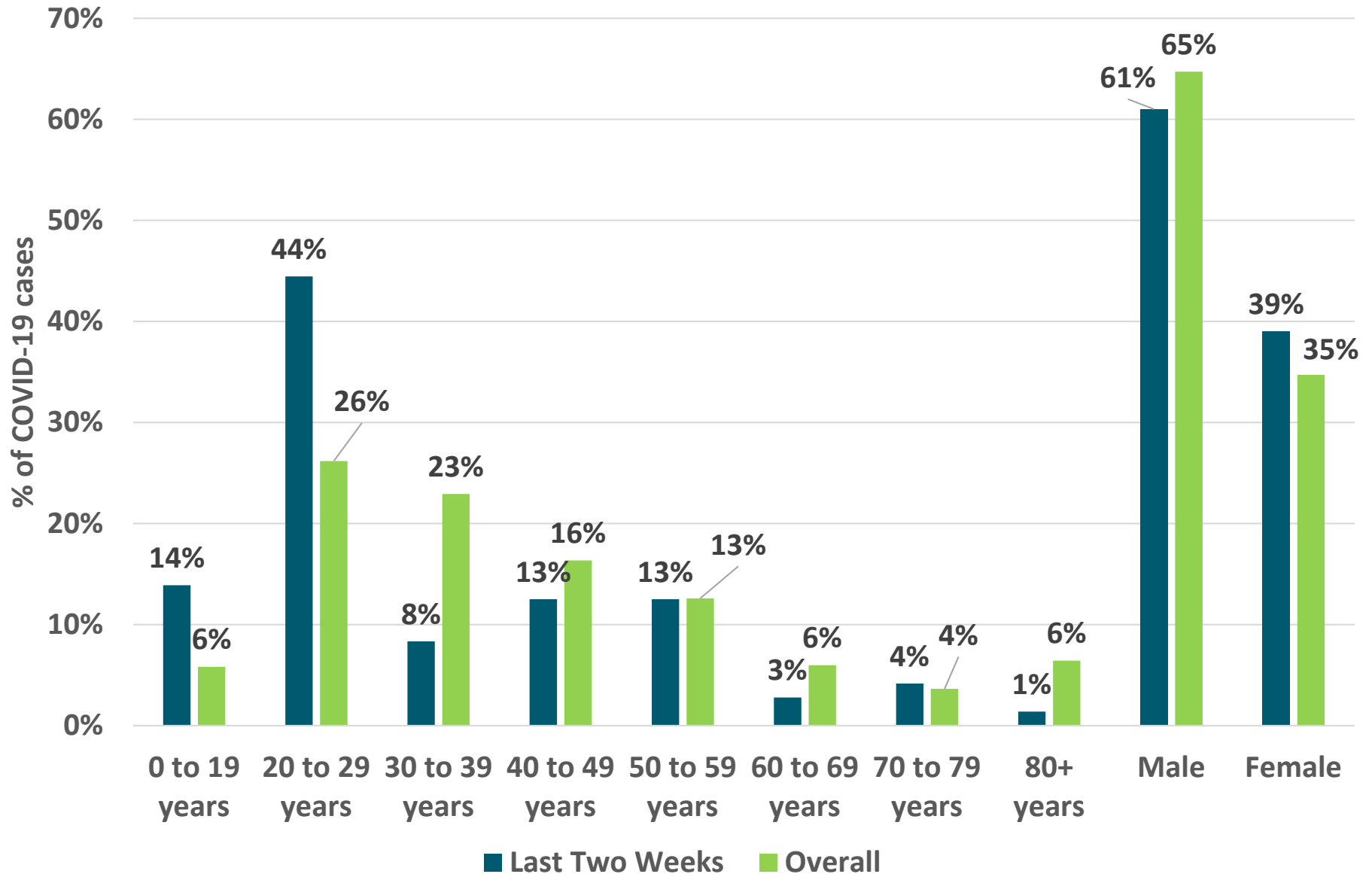


Map of confirmed active COVID-19 cases in Windsor

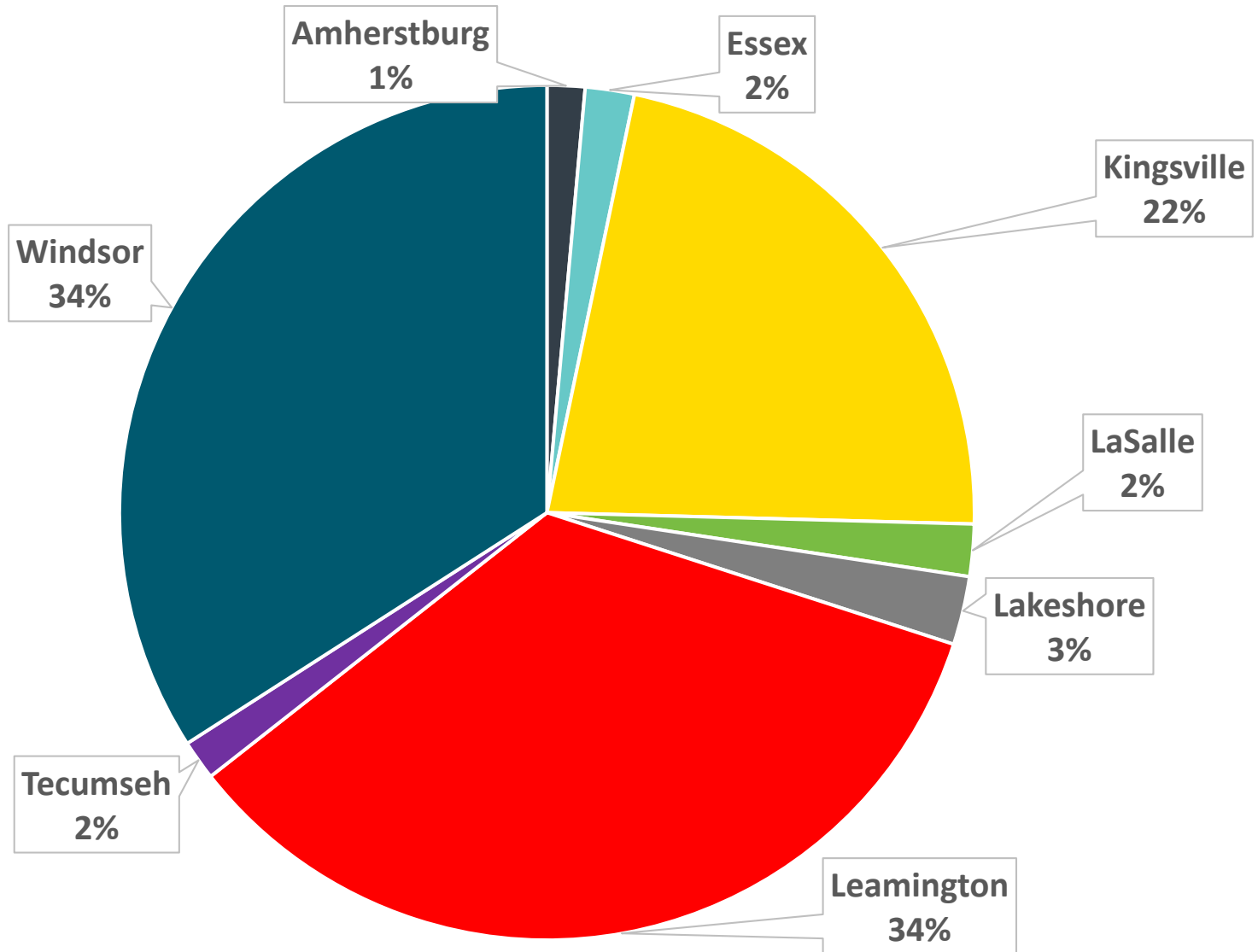


2020-09-18

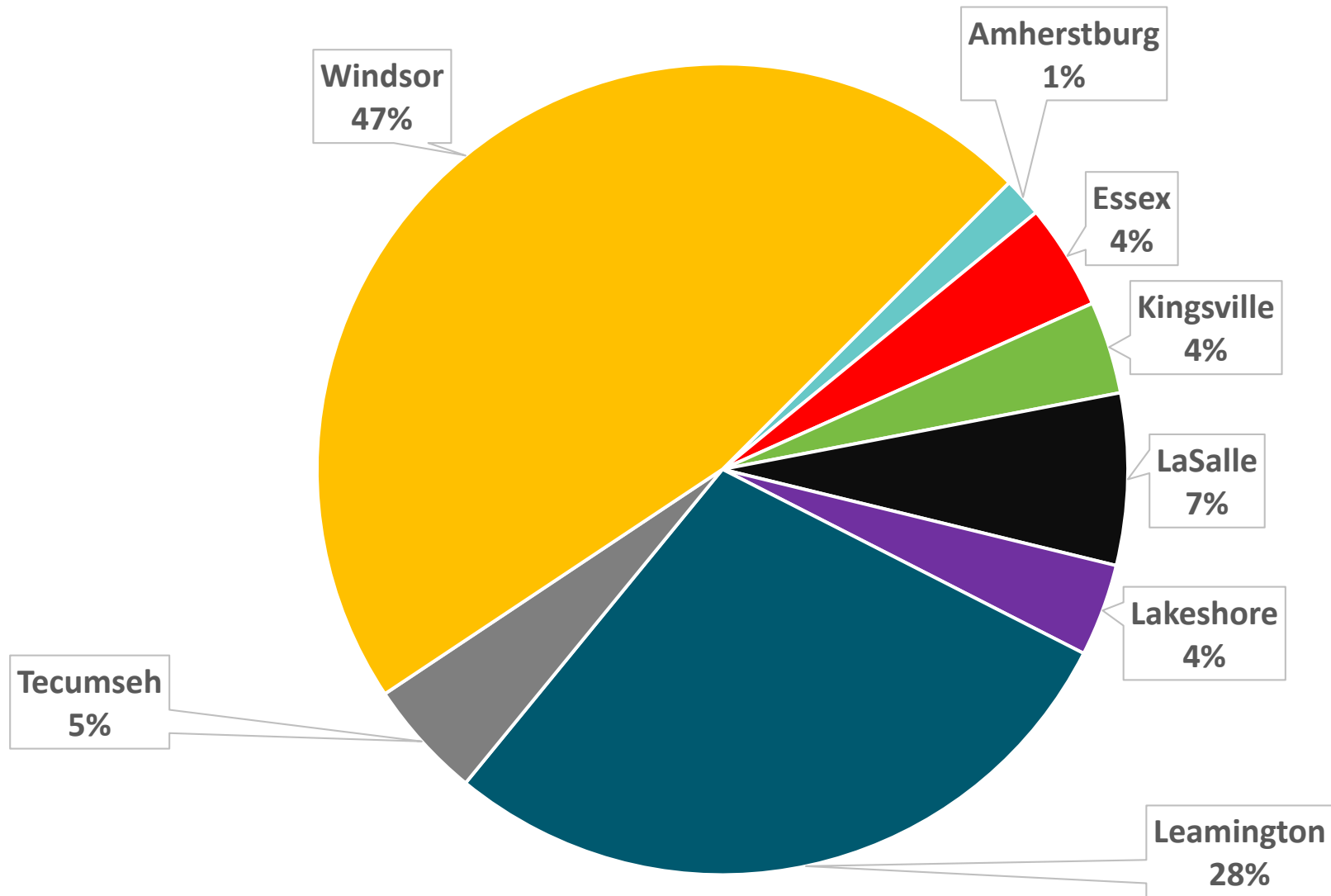
Age & Sex Distribution



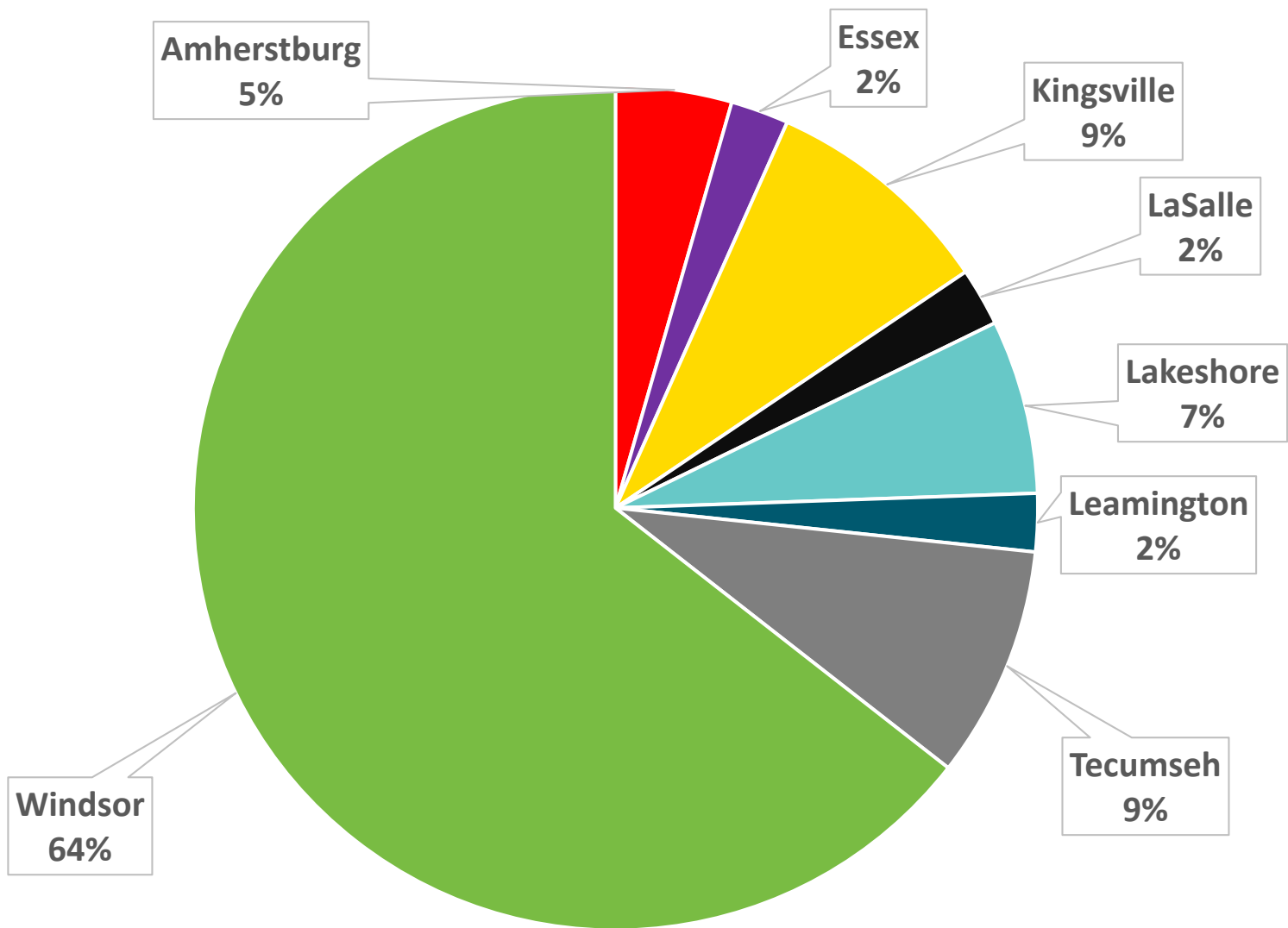
Distribution of COVID-19 Cases by Municipality



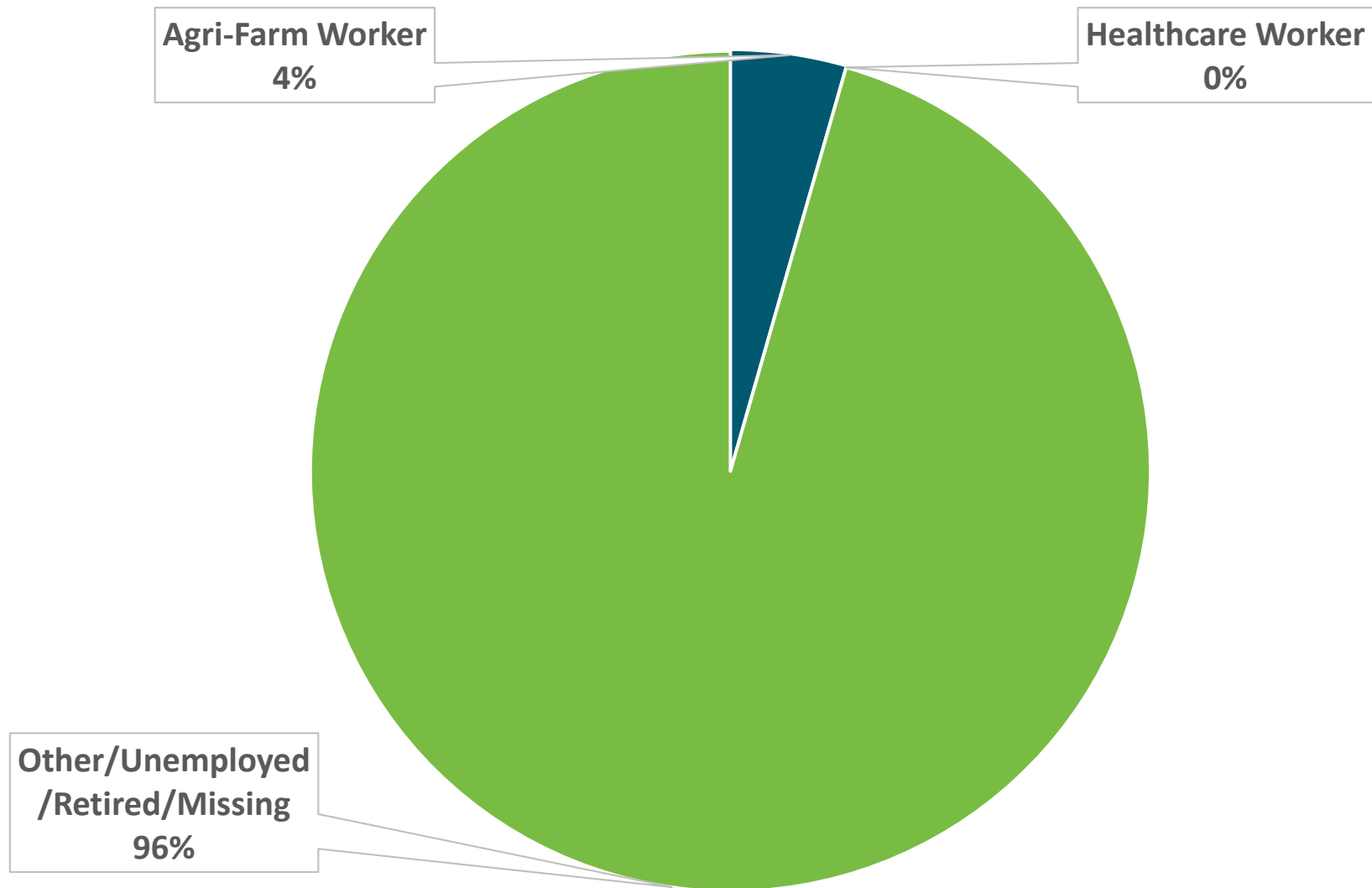
Distribution of COVID-19 Cases by Municipality in last 30 days (August 17 to September 16)



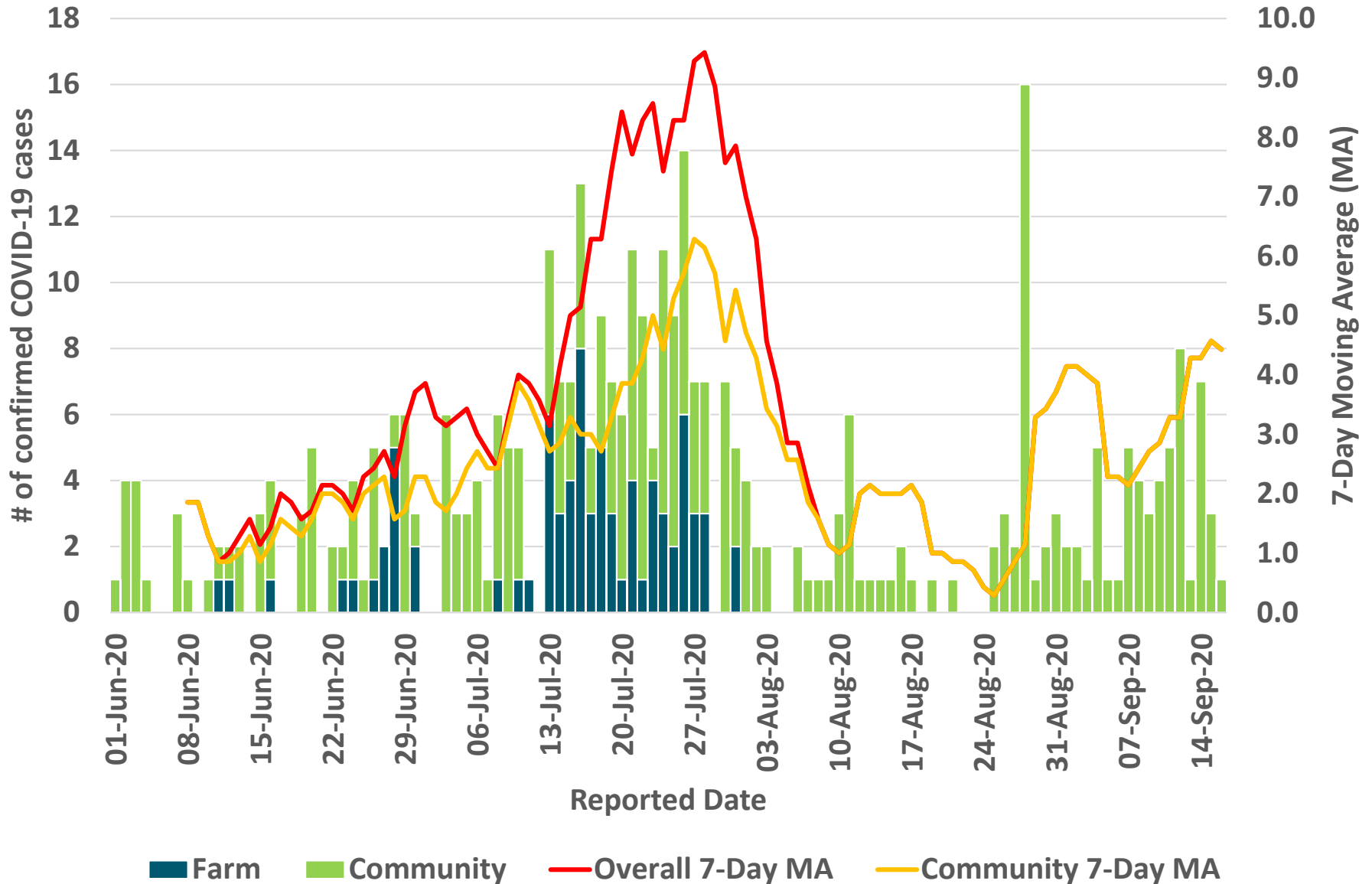
Distribution of COVID-19 Cases by Municipality in last 7 days (September 10 to September 16)



Distribution of COVID-19 Cases by Occupation in the last 7 days (September 10 to September 16)

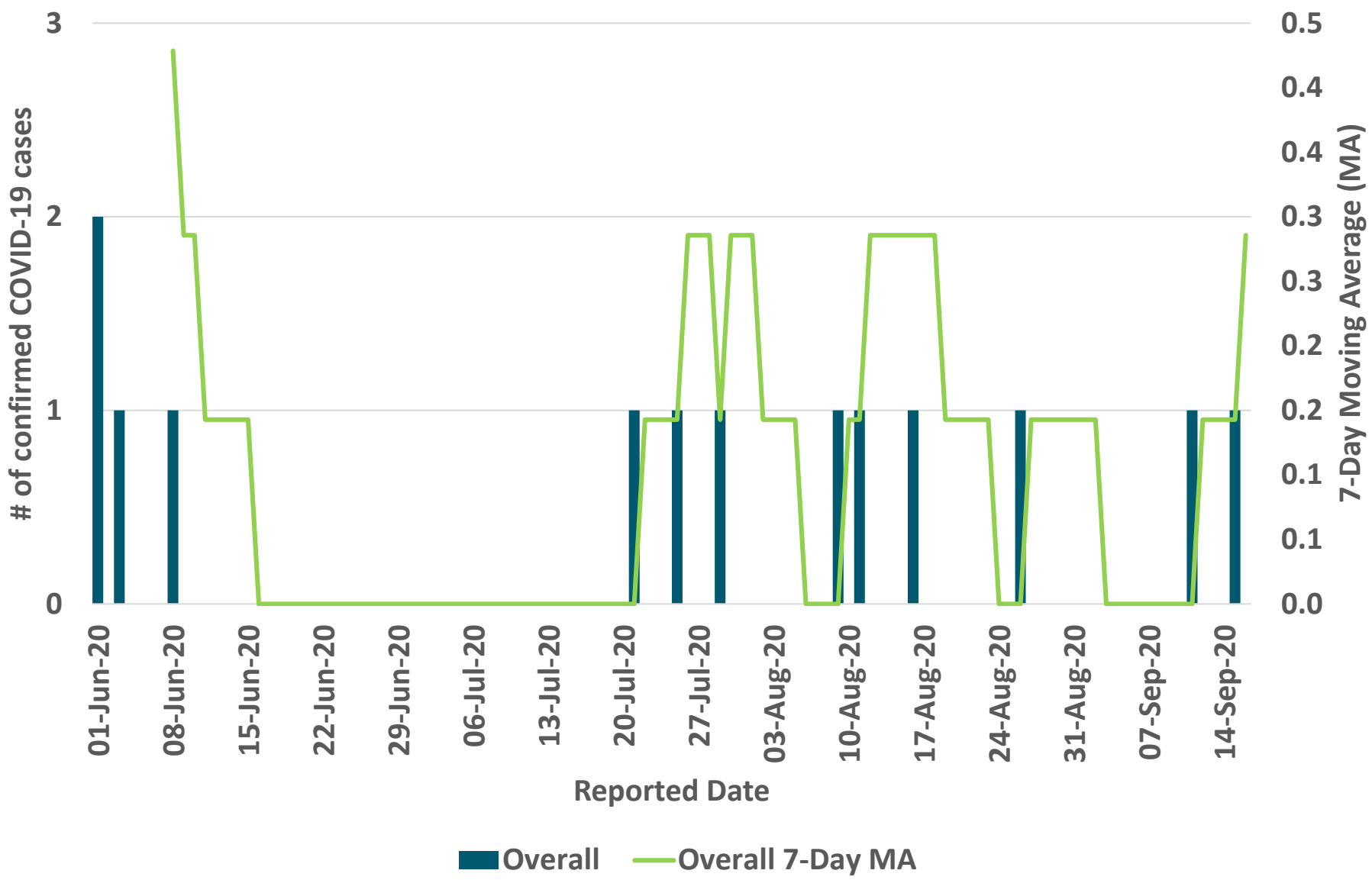


Epidemic Curve by Reported Date For Windsor

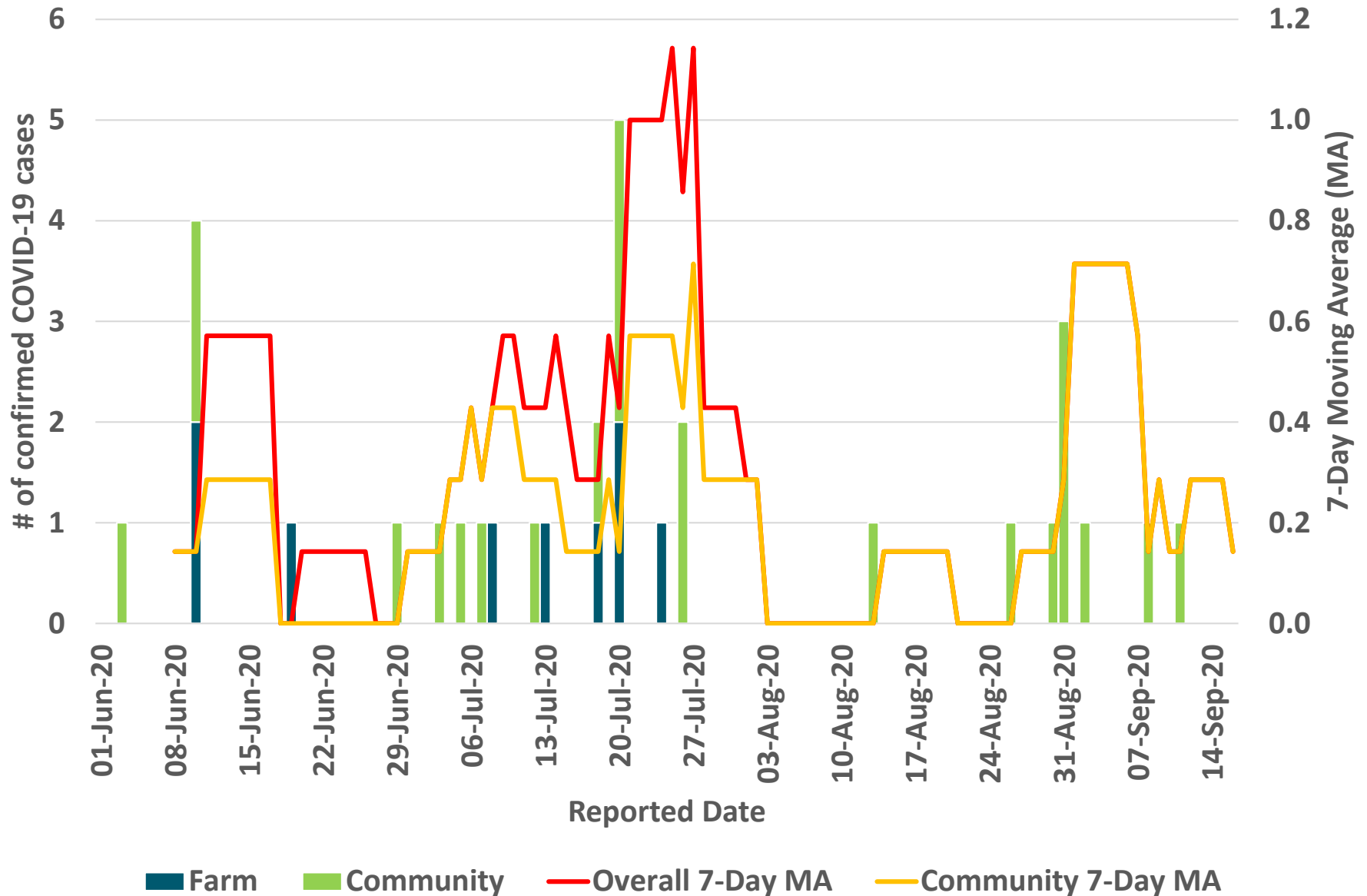


2020-09-18

Epidemic Curve by Reported Date for Amherstburg

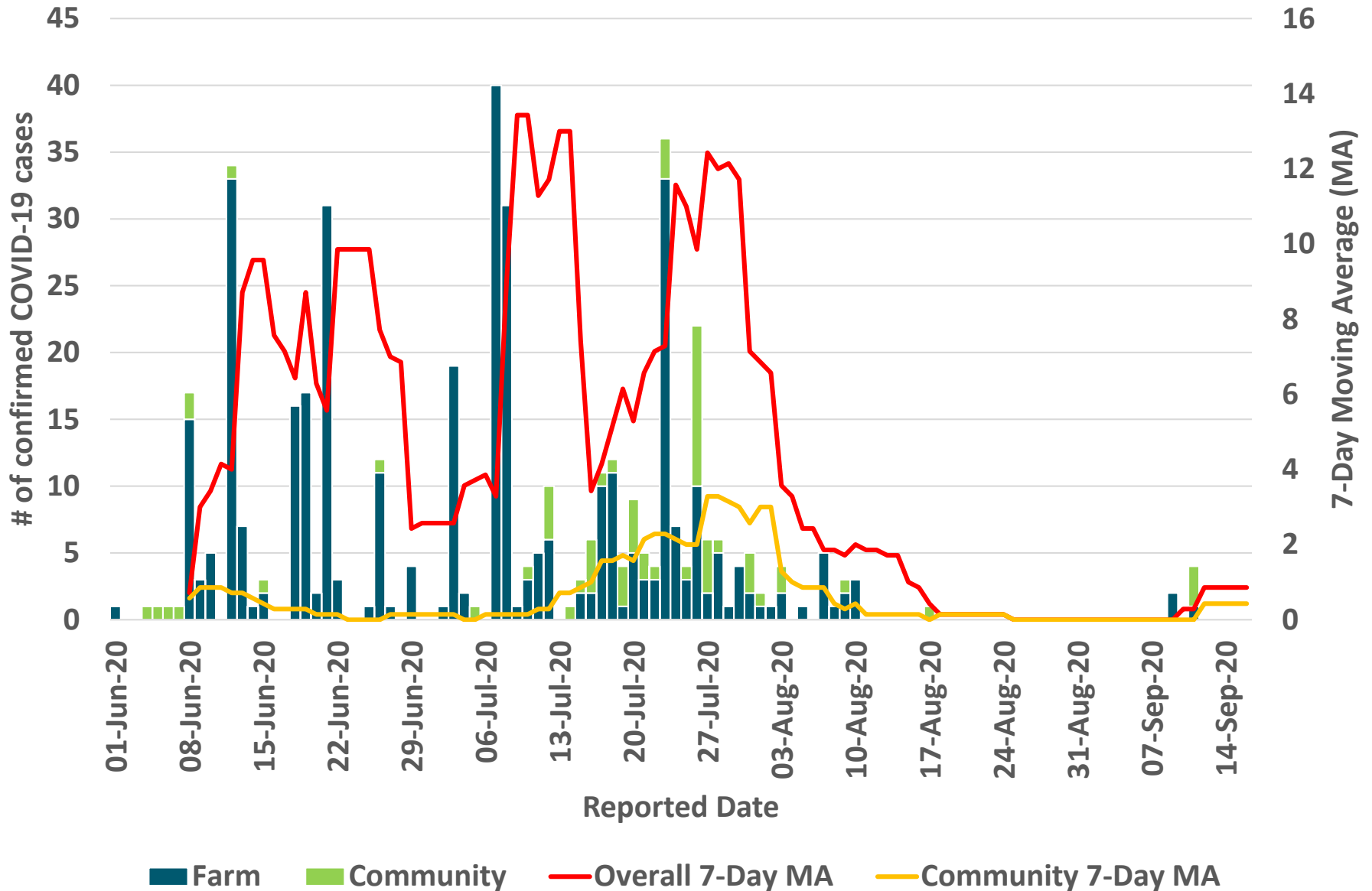


Epidemic Curve by Reported Date for Essex



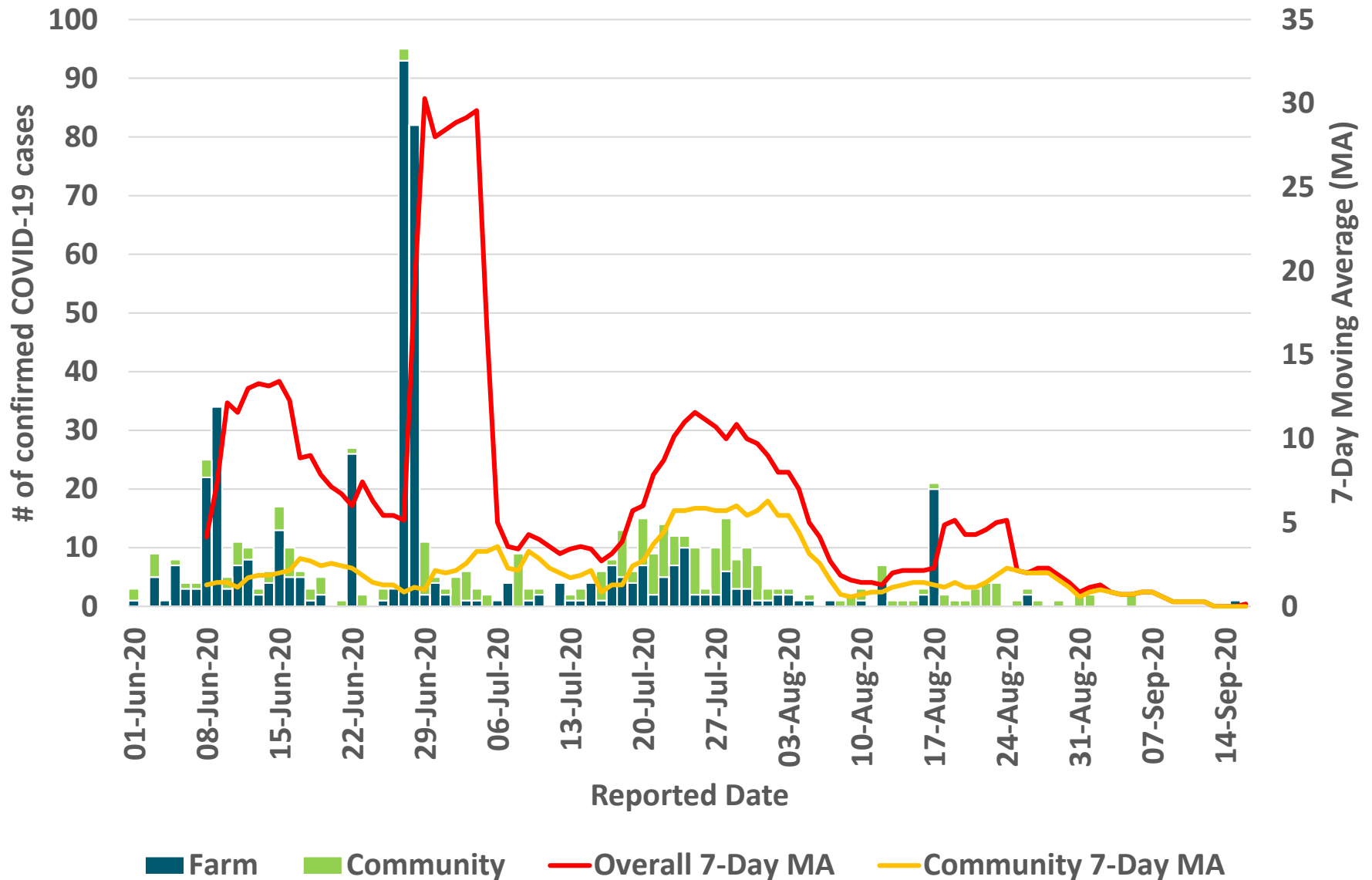
2020-09-18

Epidemic Curve by Reported Date For Kingsville



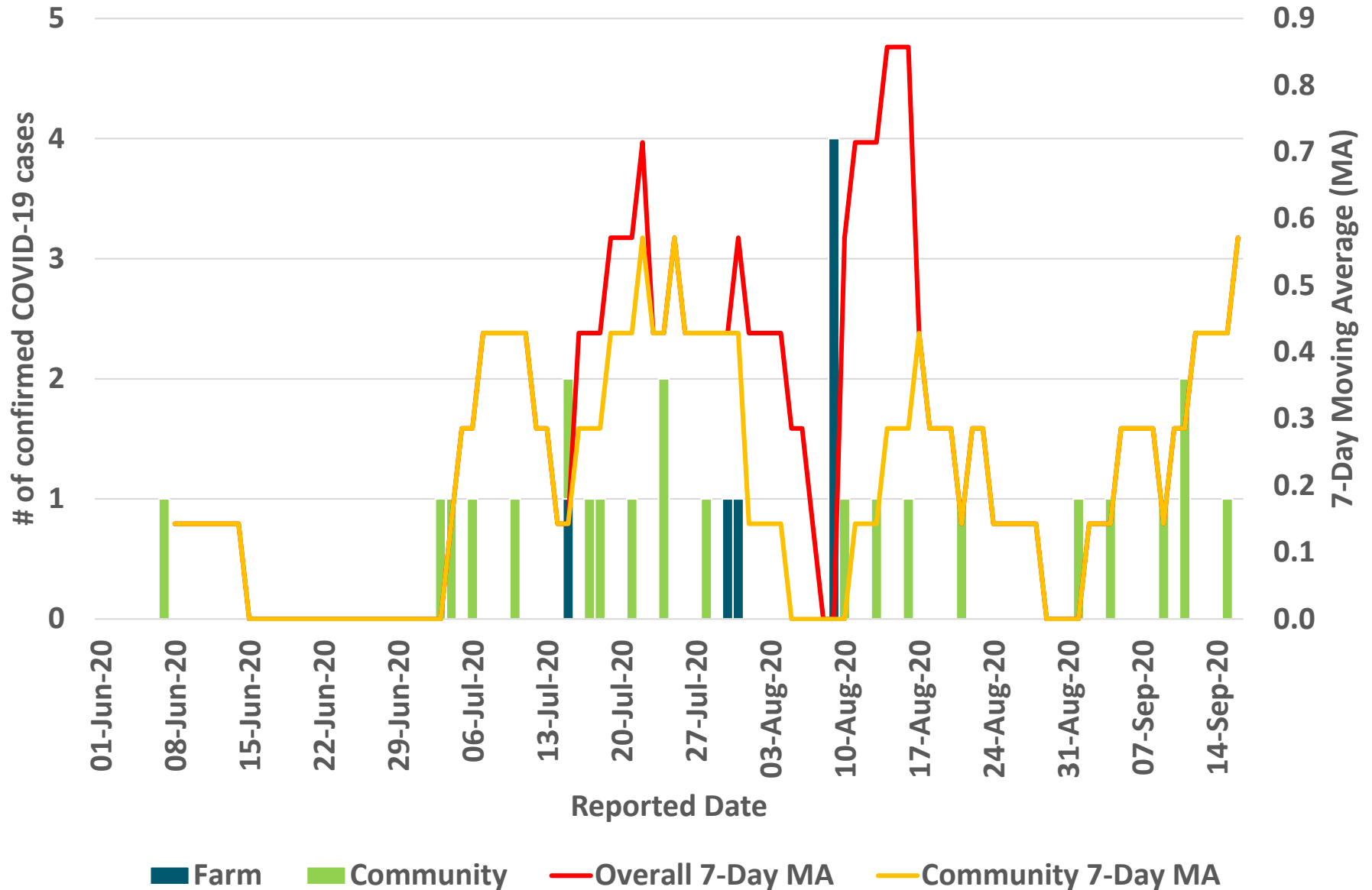
2020-09-18

Epidemic Curve by Reported Date For Leamington



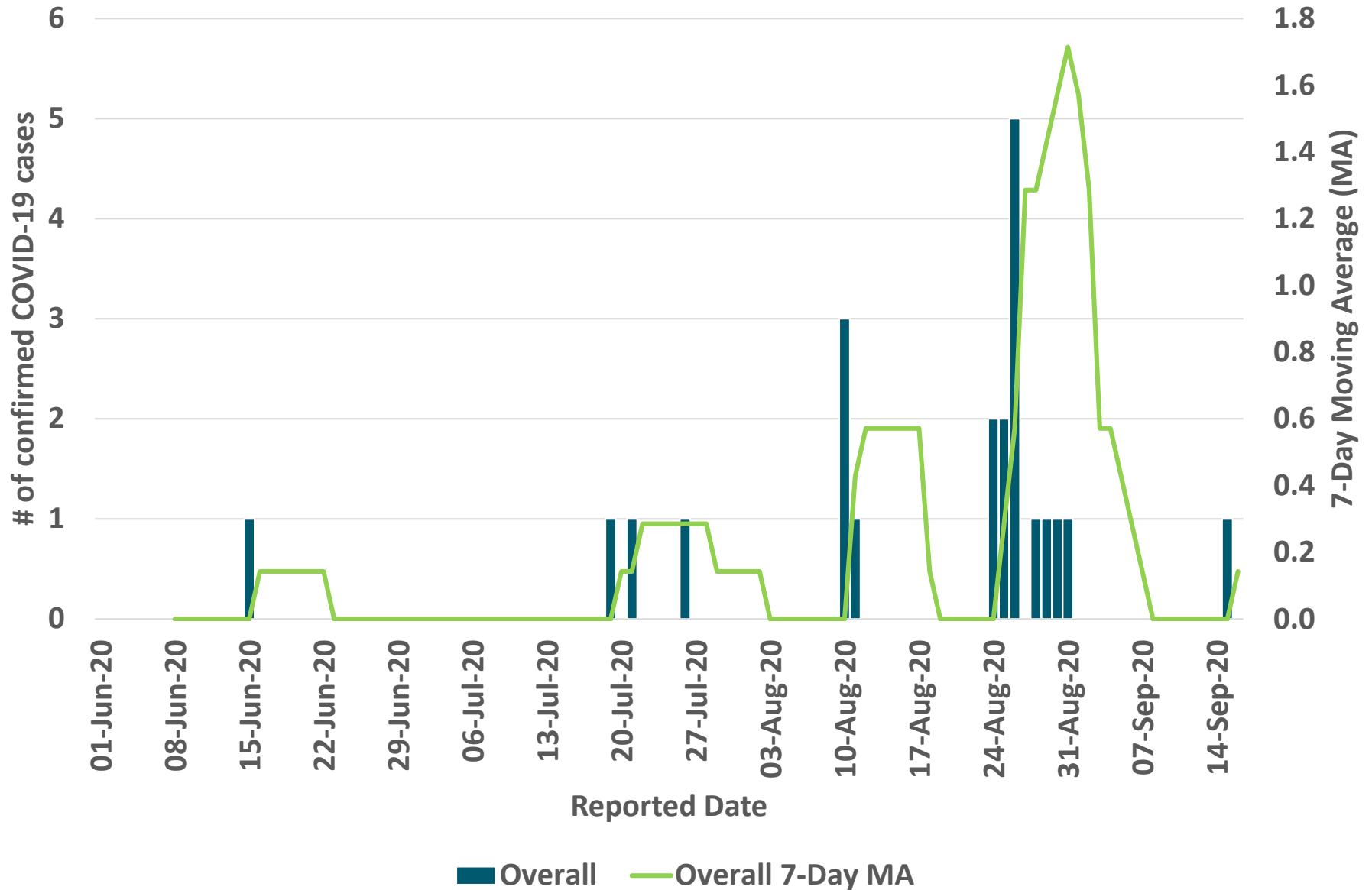
2020-09-18

Epidemic Curve by Reported Date For Lakeshore

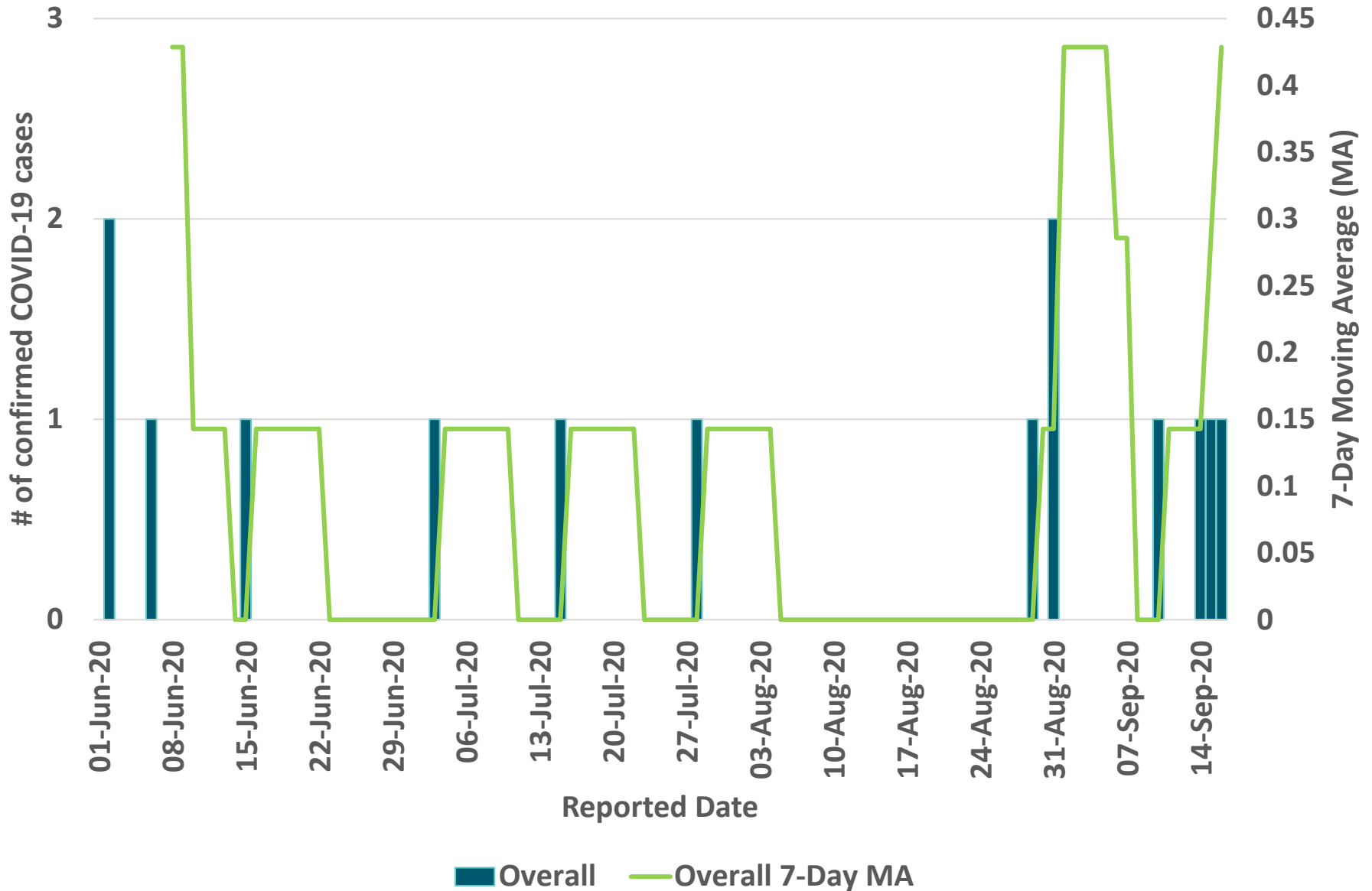


2020-09-18

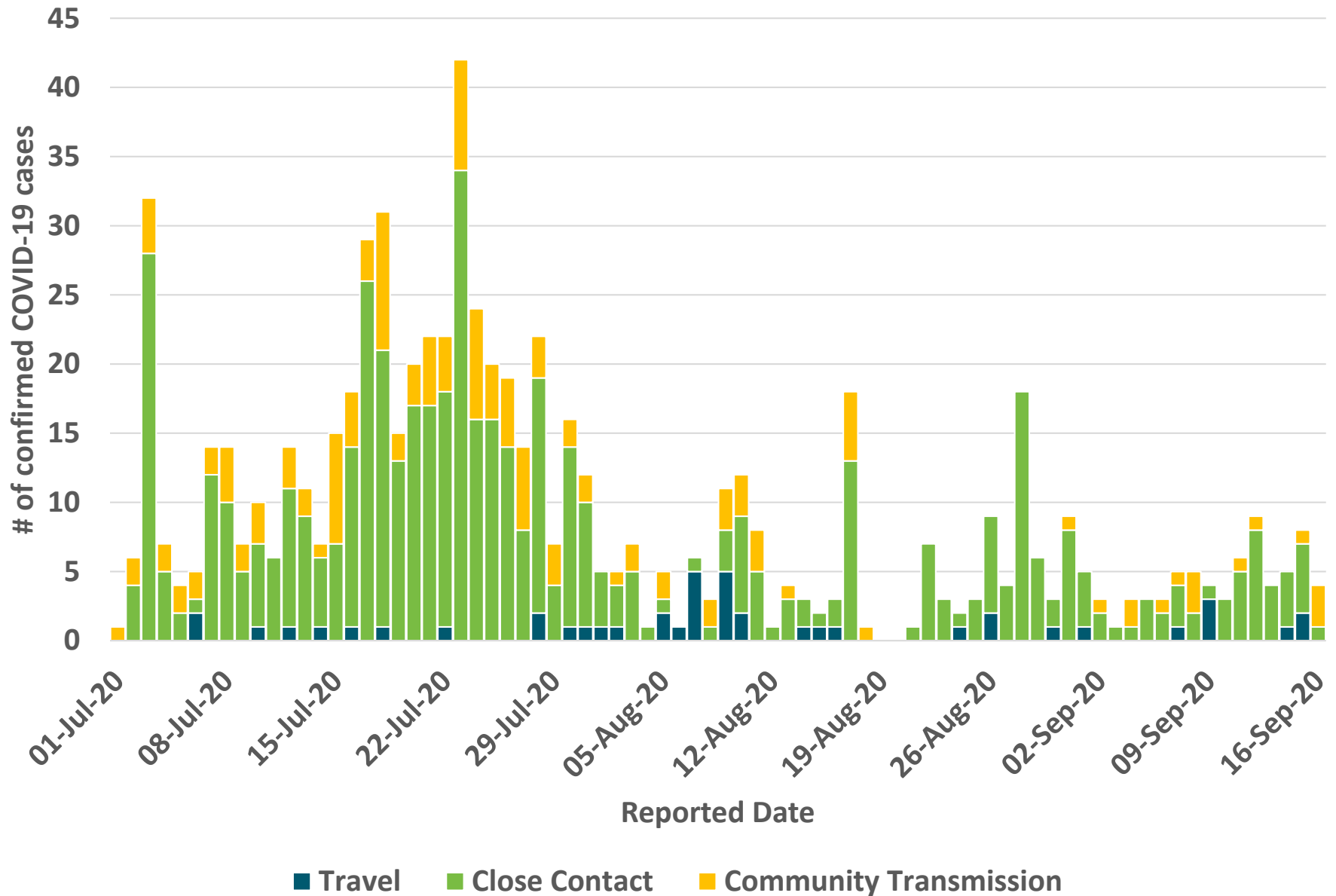
Epidemic Curve by Reported Date for LaSalle



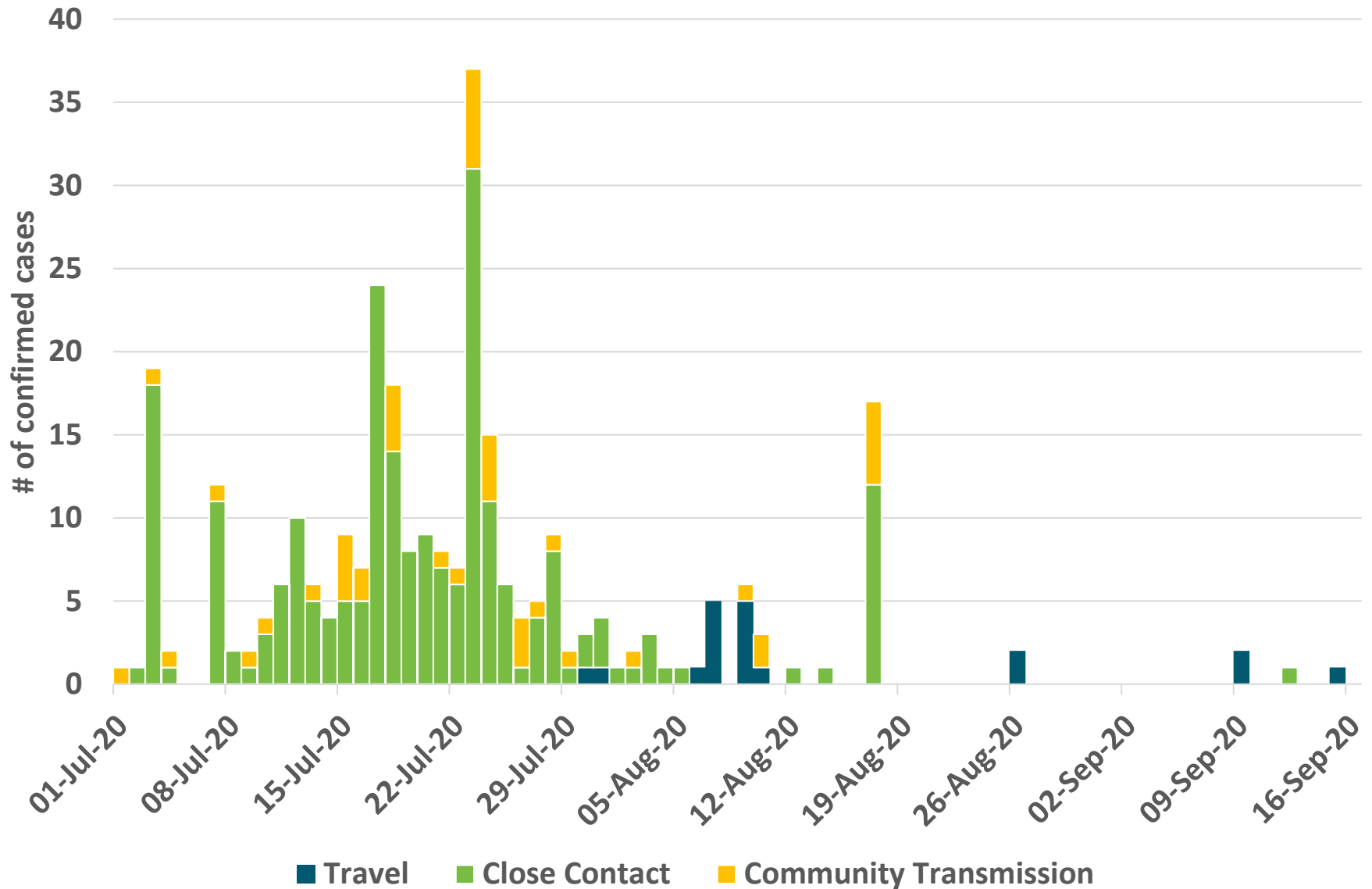
Epidemic Curve by Reported Date For Tecumseh



Exposure History by Reported Date

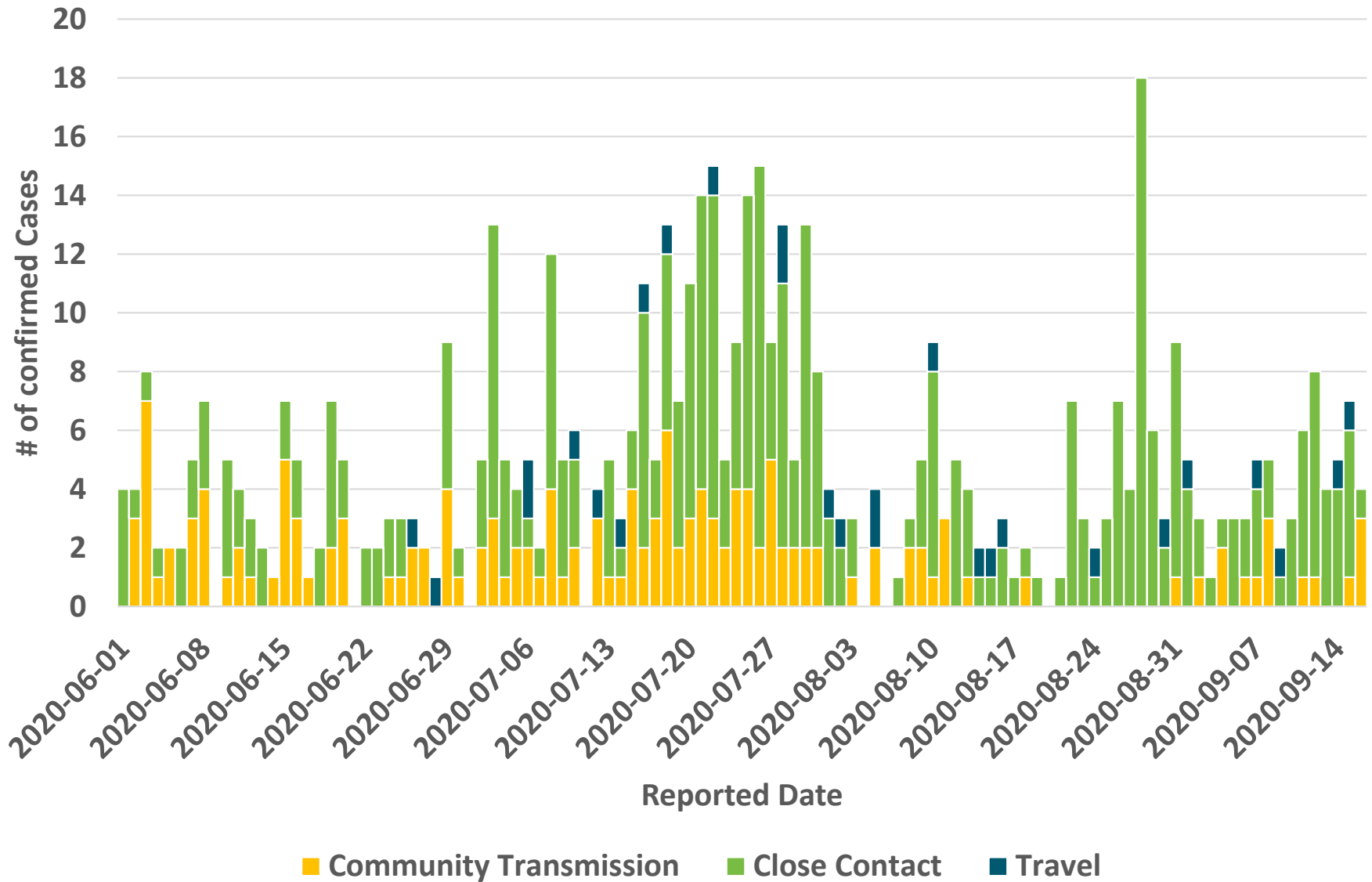


Exposure History by Reported Date Among Agri-Farm Workers

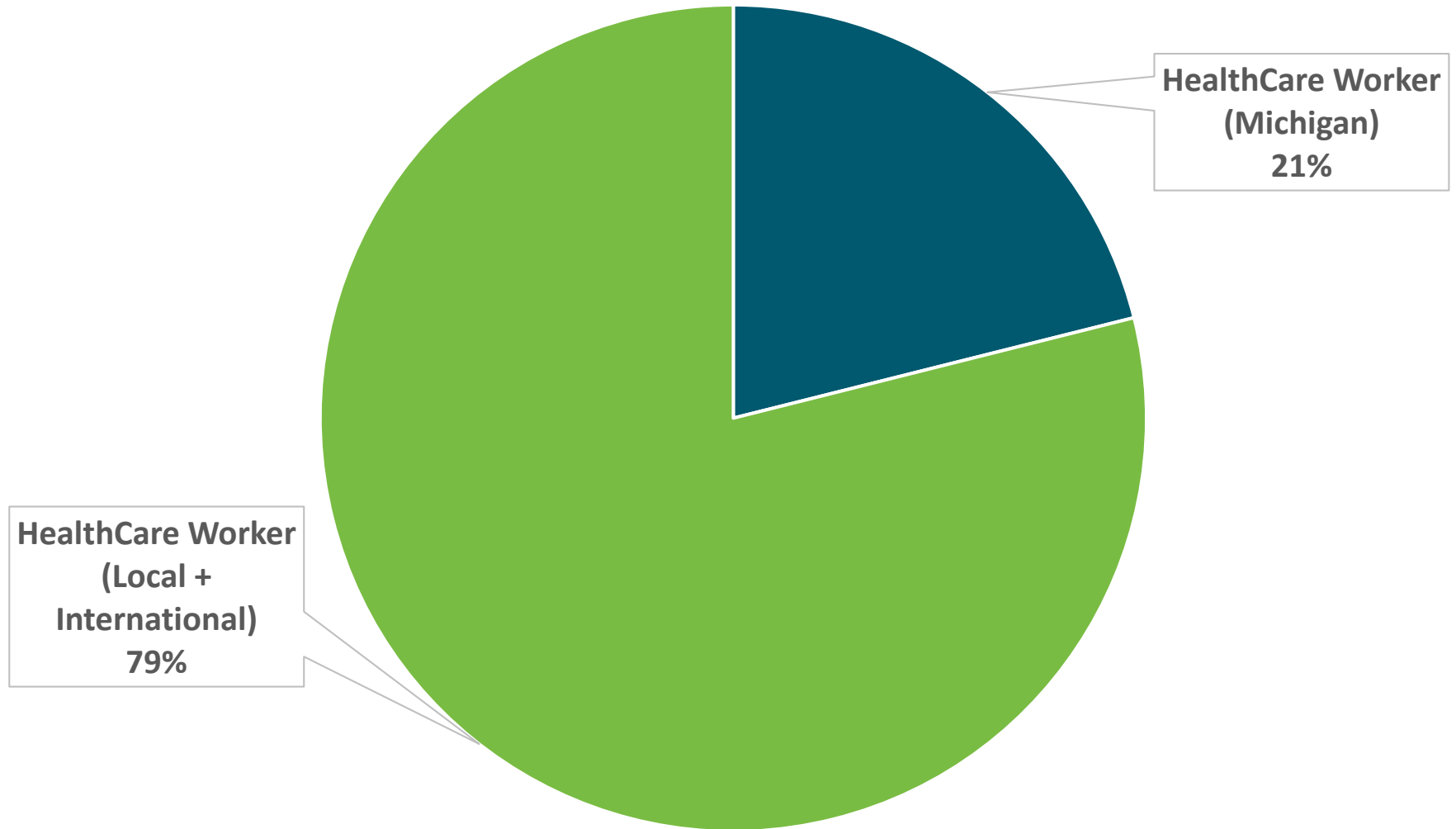


2020-09-18

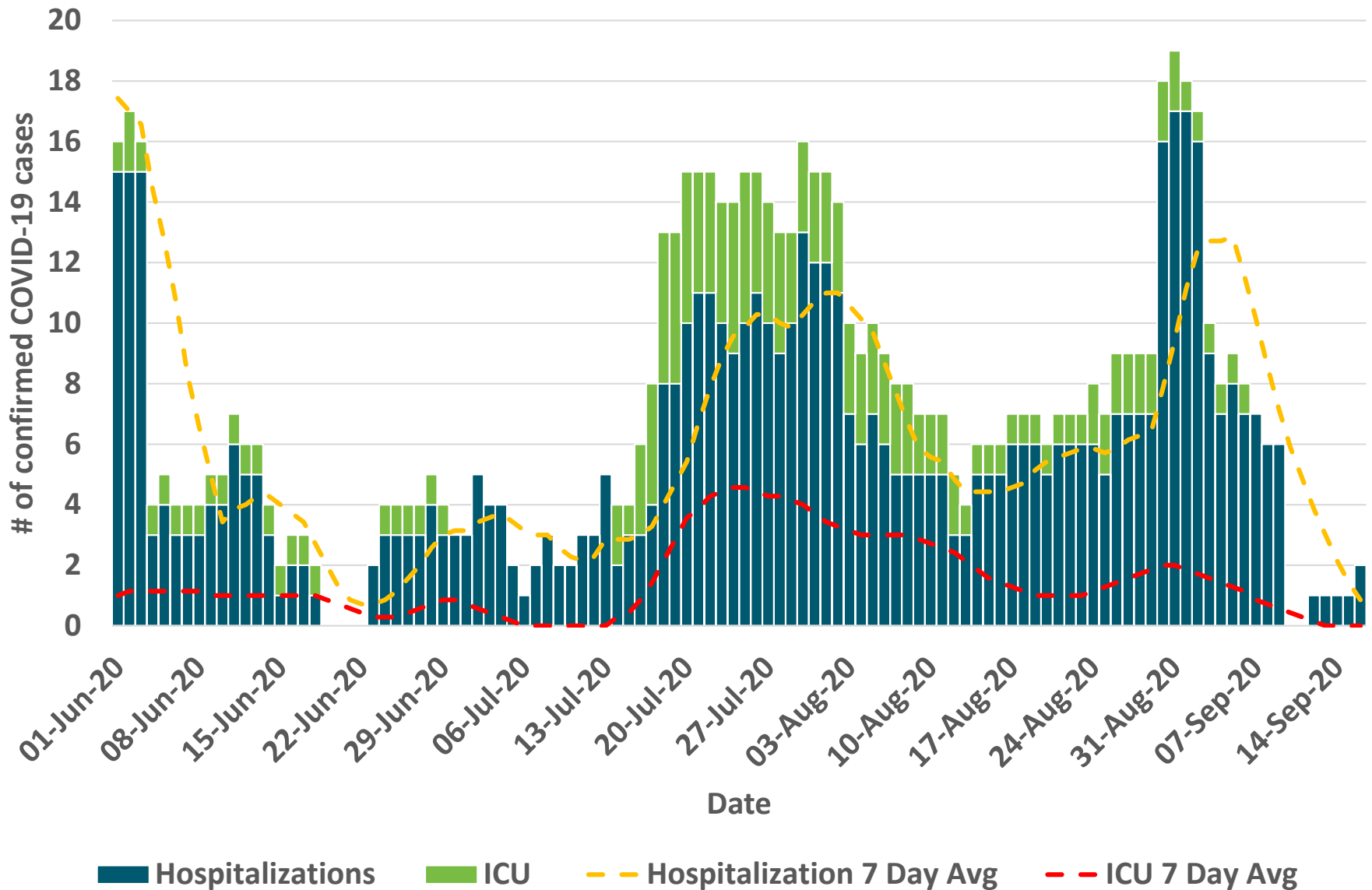
Exposure History by Reported Date Among Non-AgriFarm Cases



COVID-19 Cases by Healthcare Worker

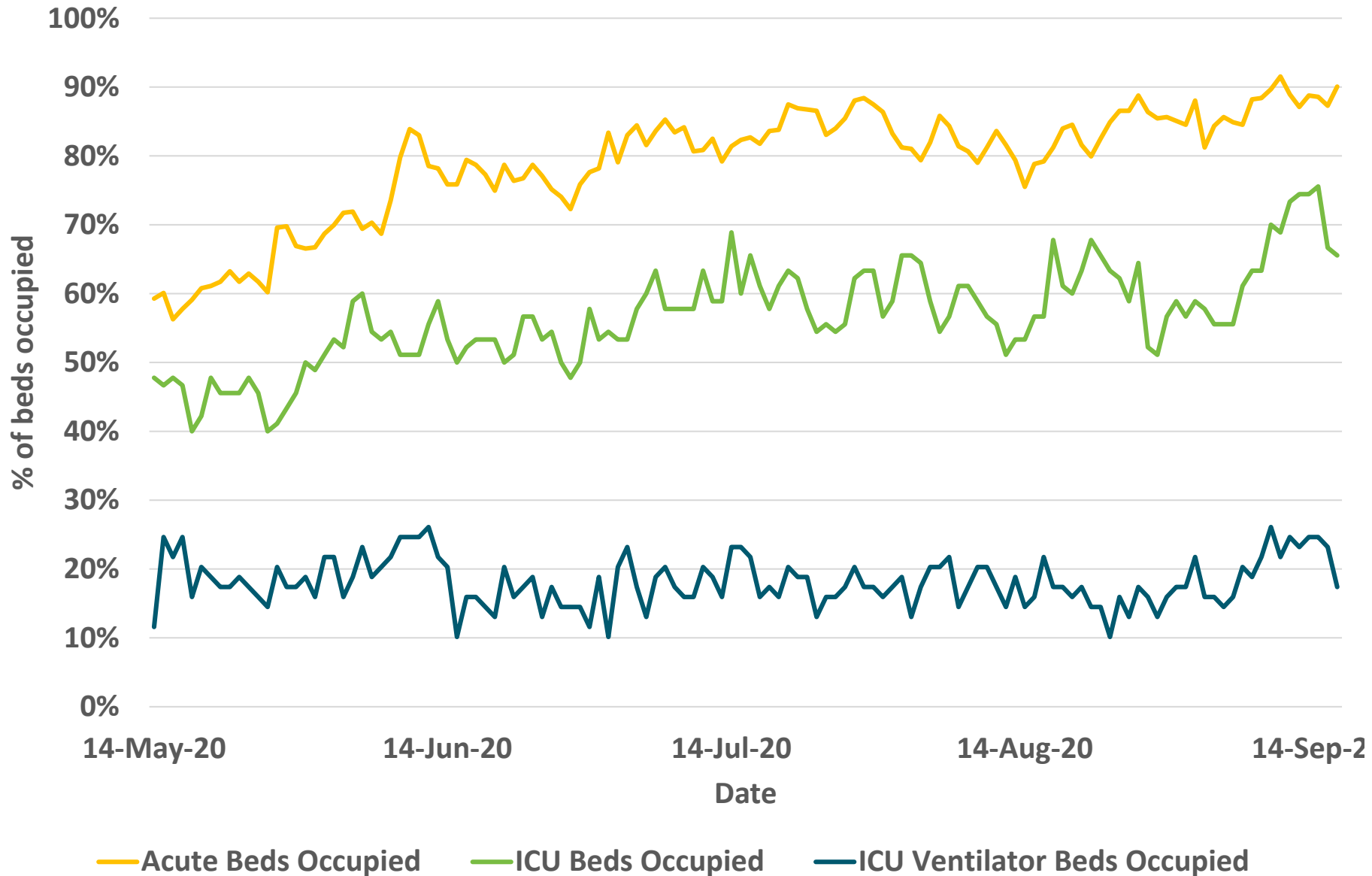


Hospitalizations & ICU for COVID-19



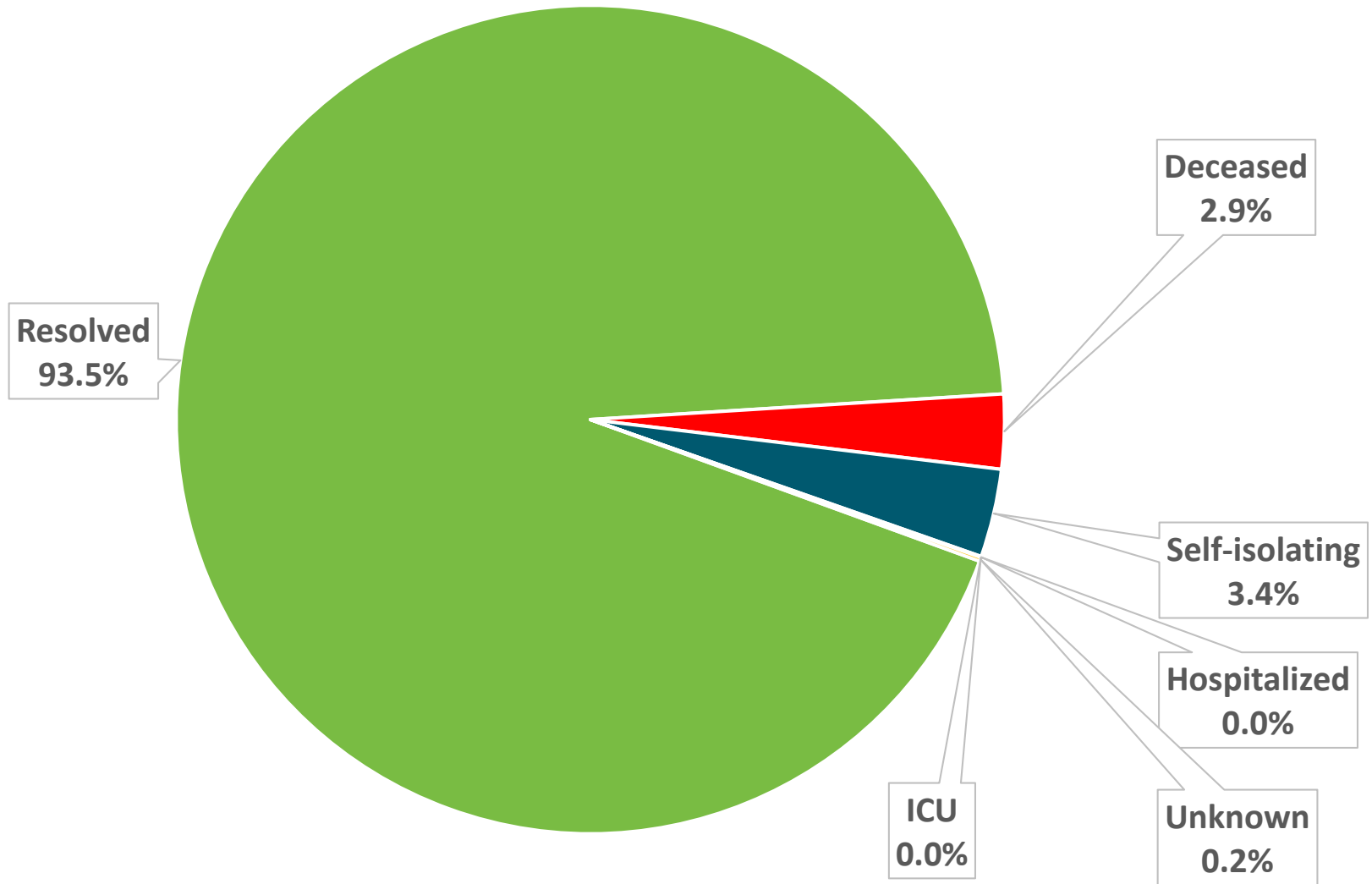
2020-09-18

Health Care System Capacity



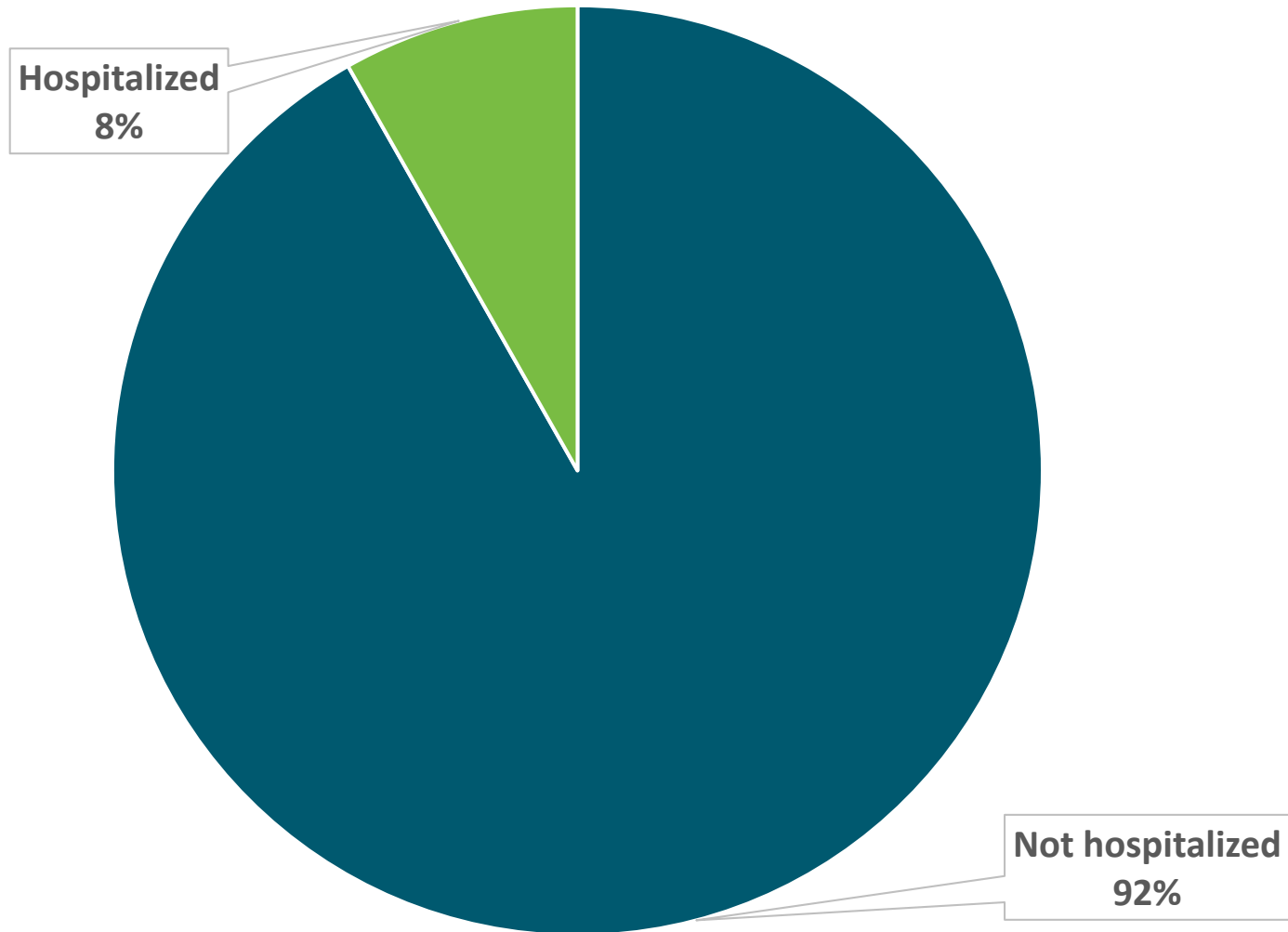
2020-09-18

Current Outcomes

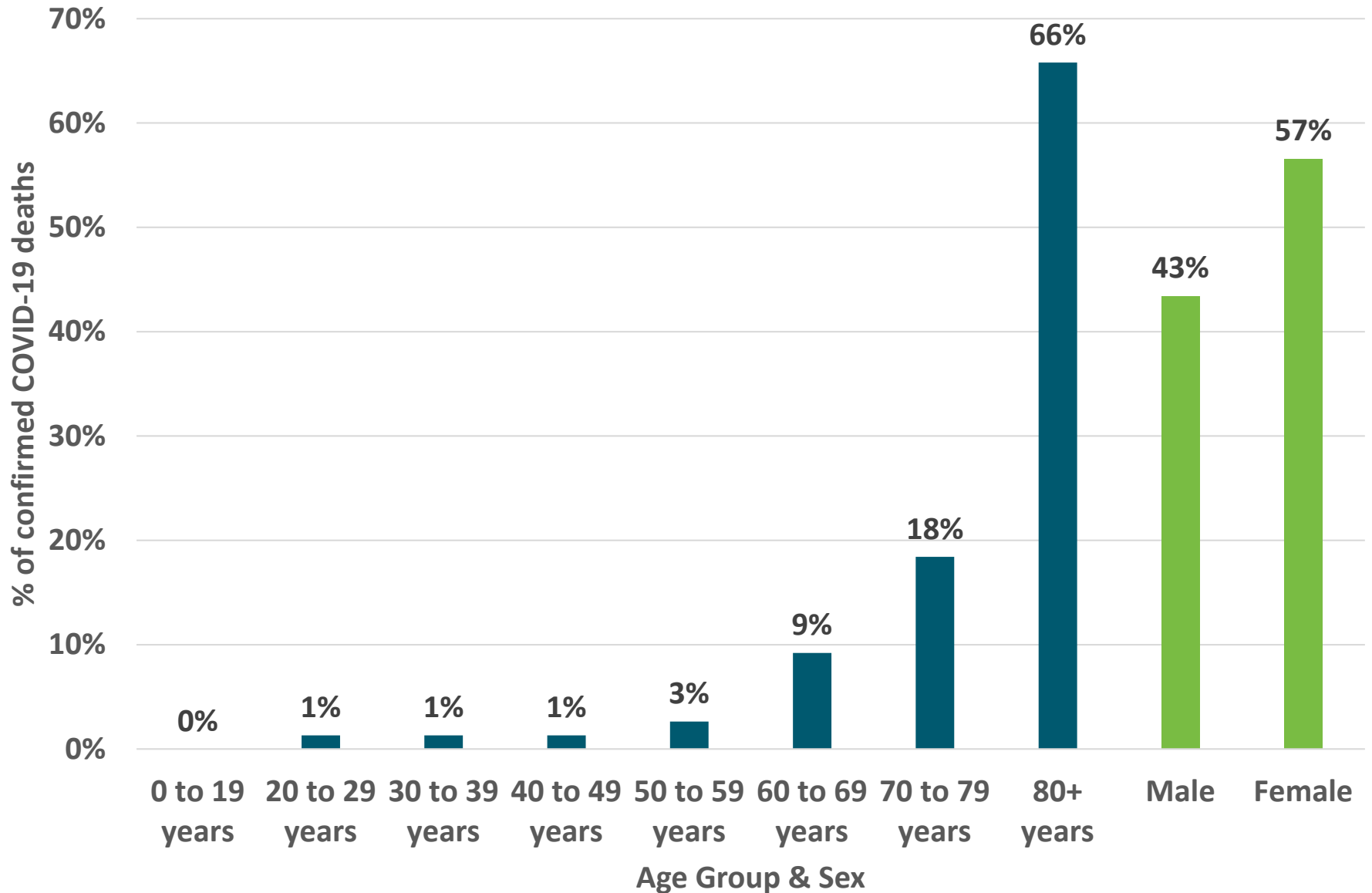


2020-09-18

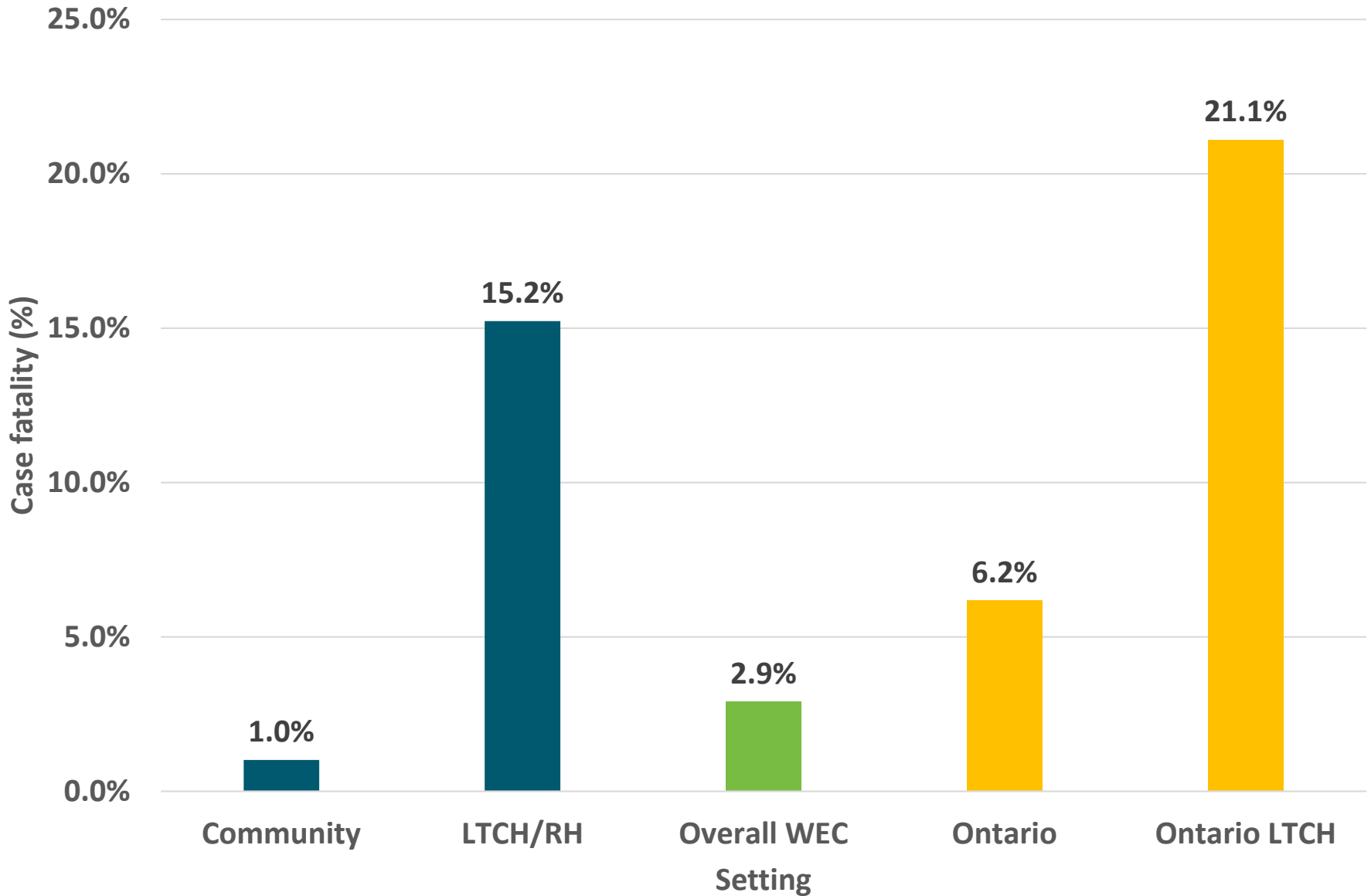
Ever Hospitalized



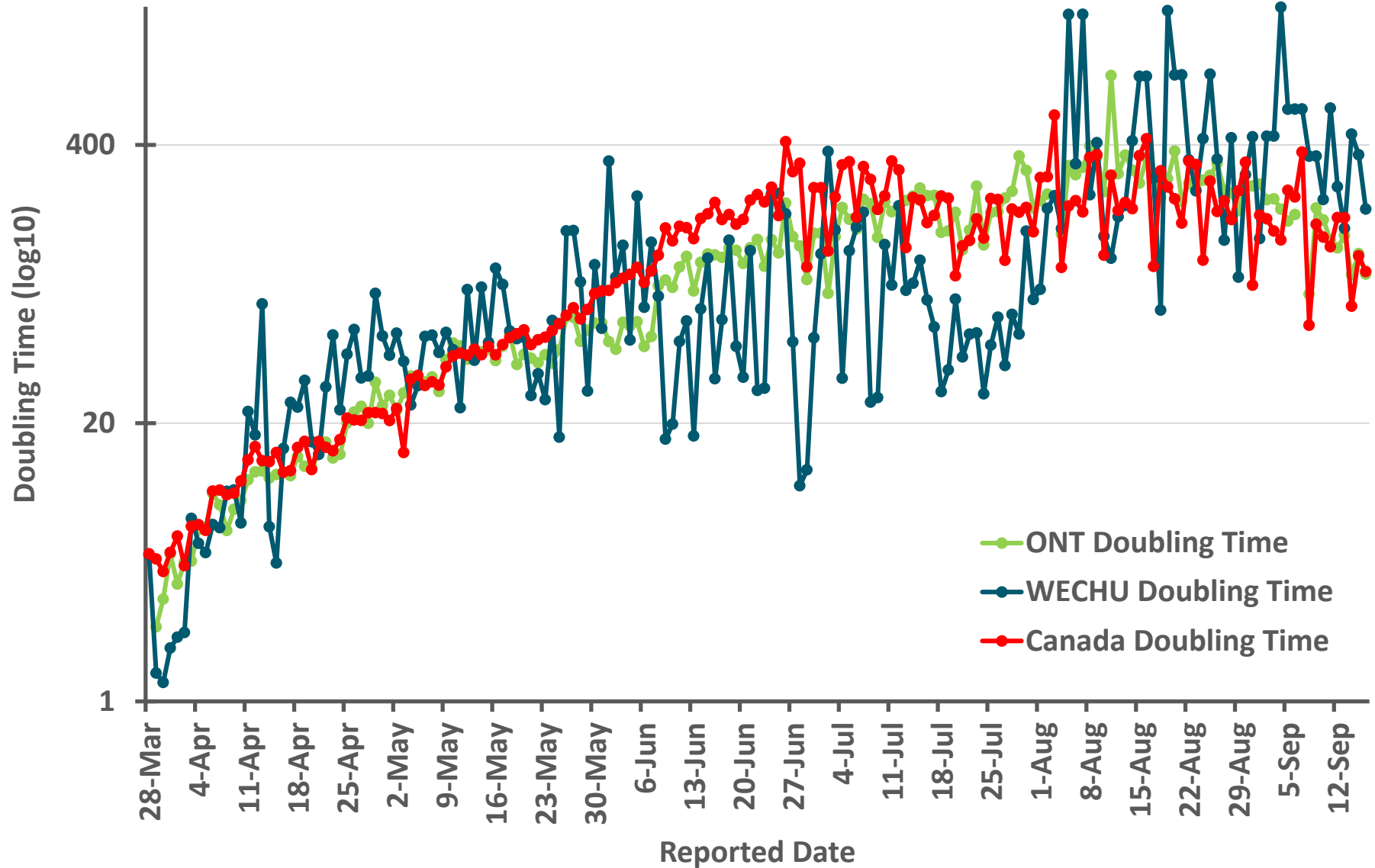
Age & Sex Breakdown of COVID-19 Deaths



Case Fatality Rate

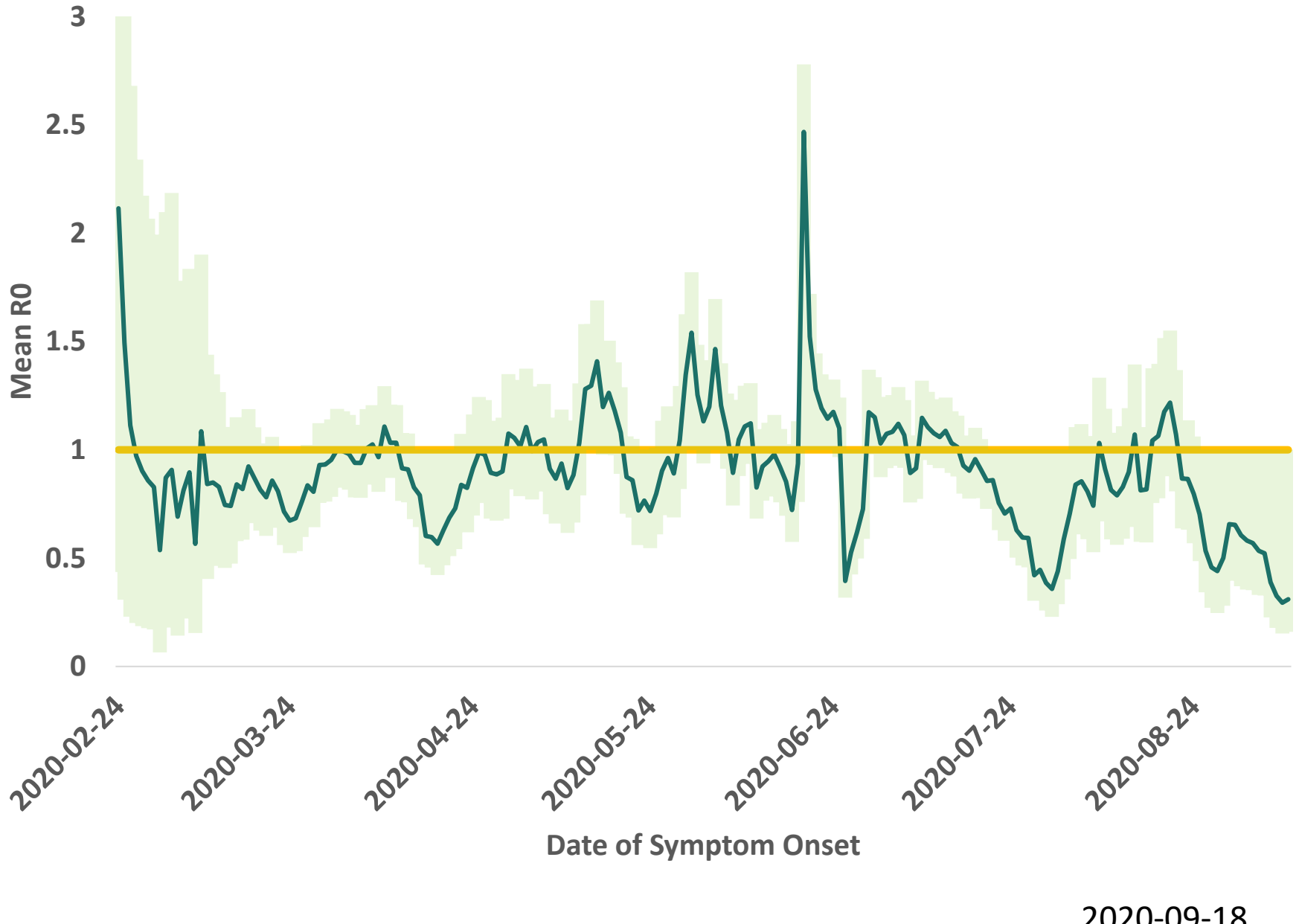


Doubling Time (Day over Day Comparison)



2020-09-18

Mean R0 (Effective)



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 and ICU occupancy is low.
- Day-over-day doubling time in Windsor-Essex is better compared to the province and nationally
- R_0 (effective) value is 0.31 indicating a decrease in transmission in Windsor-Essex