

# **Epidemiological Summary**

## **April 9<sup>th</sup>, 2020**

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**WINDSOR-ESSEX COUNTY  
HEALTH UNIT**



## COVID-19 in Windsor and Essex County: March 20, 2020 to April 8, 2020

### *Purpose*

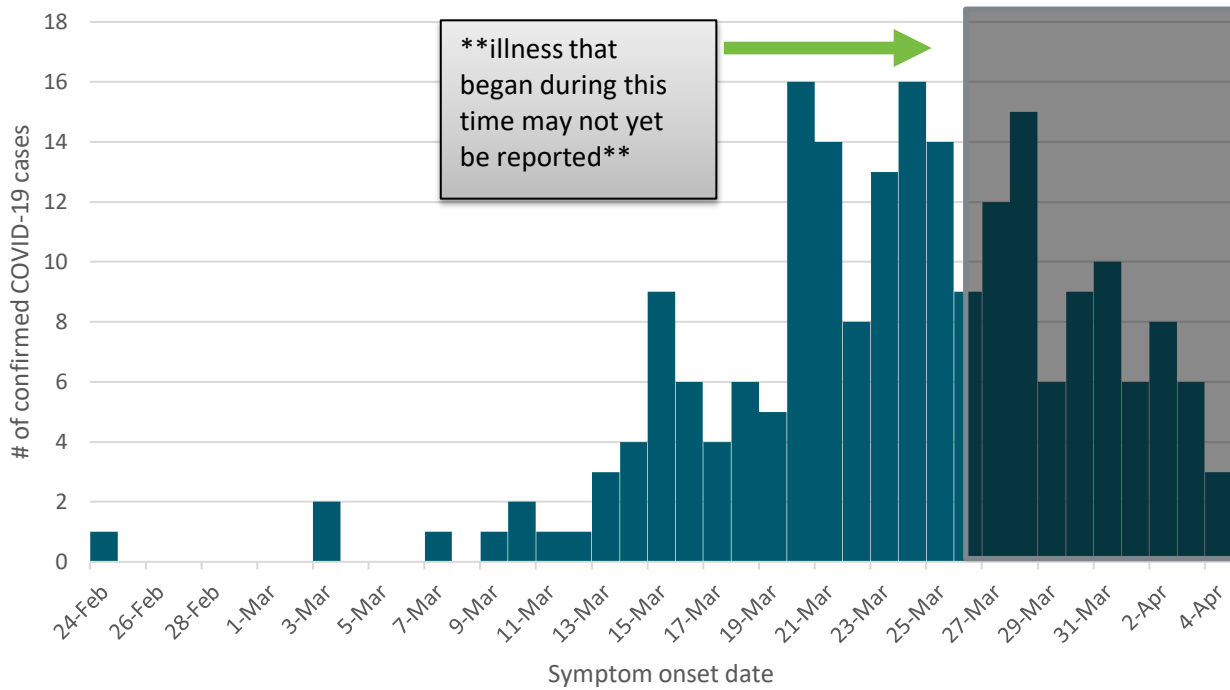
- Providing an epidemiologic summary of COVID-19 activity in Windsor and Essex county to date

### *Highlights*

- There are currently 244 confirmed cases of COVID-19 in Windsor and Essex County between March 20<sup>th</sup> and April 8<sup>th</sup>.
- The percentage of cases has decreased since the notification of the first positive COVID-19 in WEC
- The age of the cases range from 8 to 99 years (median of 51 years) with males making up 40% of all cases compared to 59% of females with 1% still to be determined.
  - The majority of the cases are between 50 to 59 years of age.
  - 28% of the cases in females are between the ages of 50 to 59 years of age while 22% of males within 50 to years of age
- 34% of cases reported travel history prior to becoming ill, 30% had close contact with a confirmed case of COVID-19 and 26% of cases reported an unknown source of exposure linked to possible community acquisition.
- 62% of cases reporting a travel history identified travelling to Michigan prior to becoming ill with COVID-19
- Just over one in three cases were a healthcare worker and nine percent of cases reported visiting a health care facility prior to becoming ill.
- Just under 10% of cases are currently hospitalized and 67% of cases are currently in self-isolation.
- The cases in Windsor and Essex County are currently doubling more than every two days since April 4<sup>th</sup>. Prior to this date, cases were doubling every two days or less based on date reported to the health unit.

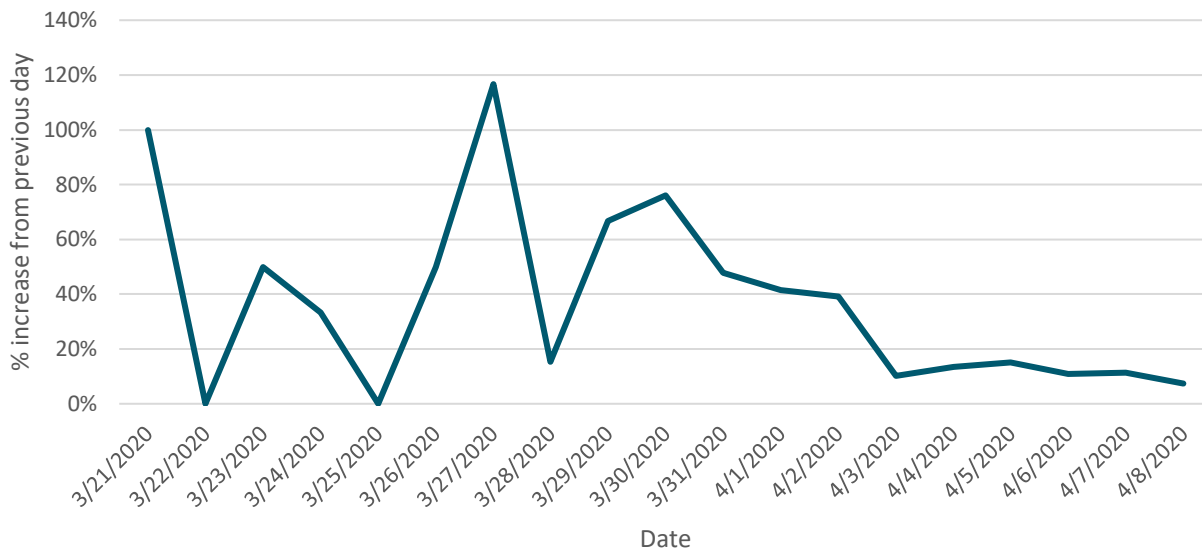
## Overall Case Counts

**Figure 1. Epidemic Curve of New Confirmed COVID-19 Cases in Windsor and Essex County by Symptom Onset Date, March 20 to April 5<sup>th</sup>, 2020 (n=216)**



**Data Source:** Infectious Disease Prevention team line list

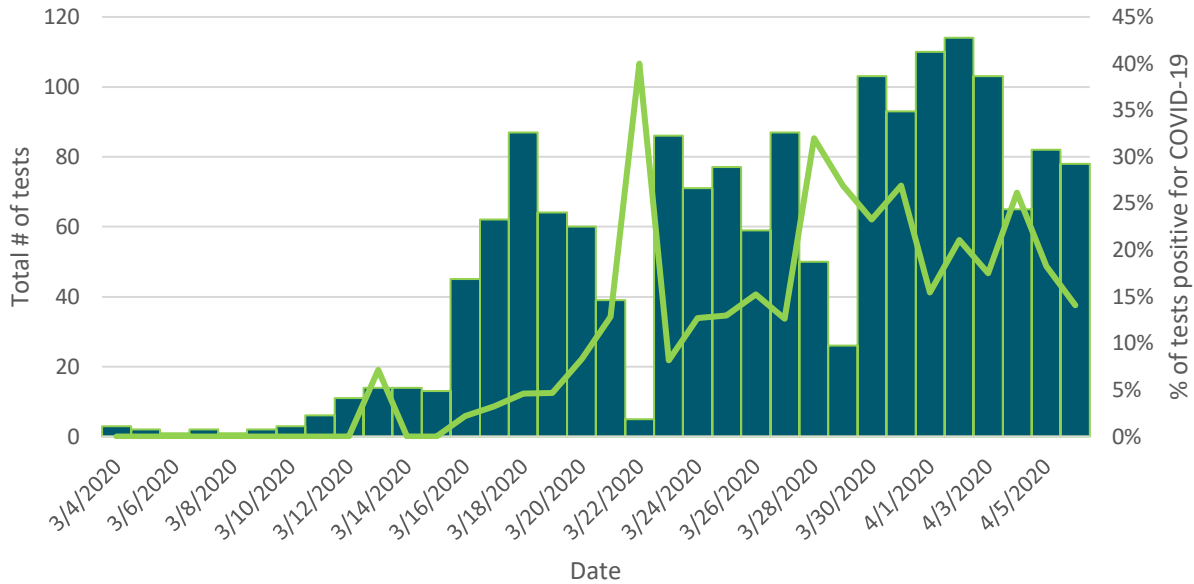
**Figure 2. Percent Increase in New Confirmed COVID-19 Cases in Windsor and Essex County by Reported Date, March 20<sup>th</sup> to April 8<sup>th</sup>, 2020 (n=244)**



**Data Source:** Infectious Disease Prevention team line list

## Percent Positivity

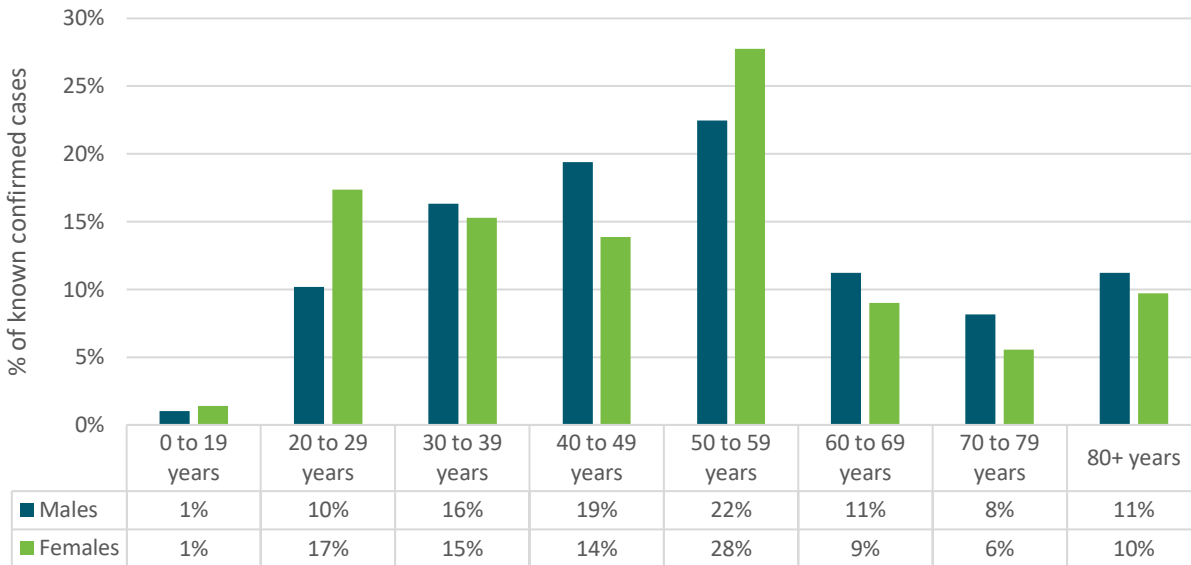
**Figure 3. Percent Positivity of Individuals Tested for COVID-19 in Windsor and Essex County, March 4 to April 6, 2020 (n=1,659)**



**Data Source:** Infectious Disease Prevention team line list

## Age & Sex Distribution

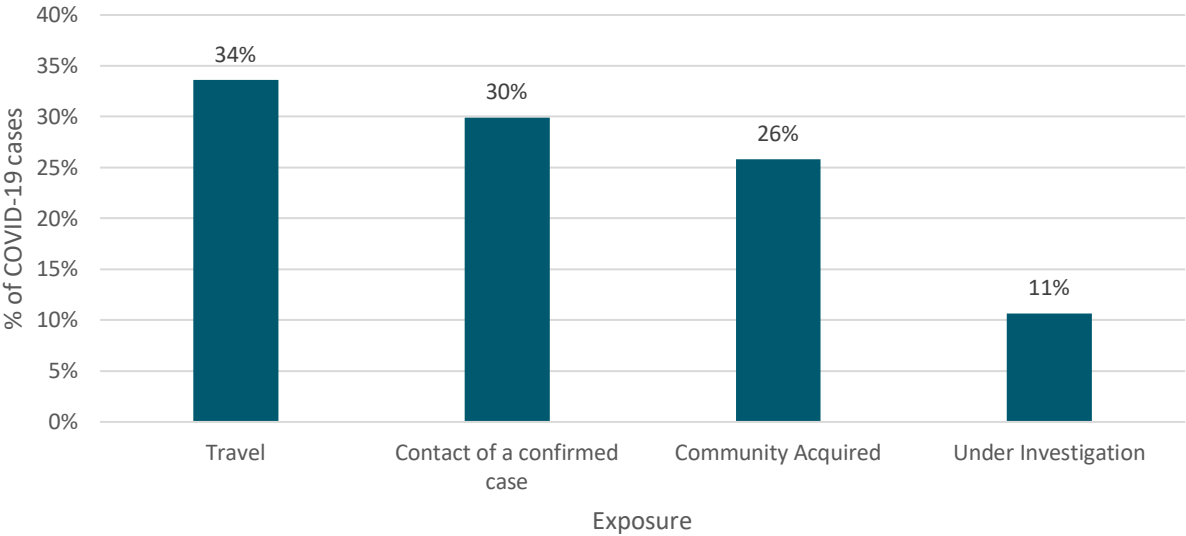
**Figure 4. Age & Sex distribution of COVID-19 cases in Windsor and Essex County, March 20 to April 8, 2020 (n=244)**



**Data Source:** Infectious Disease Prevention team line list

### Exposure History

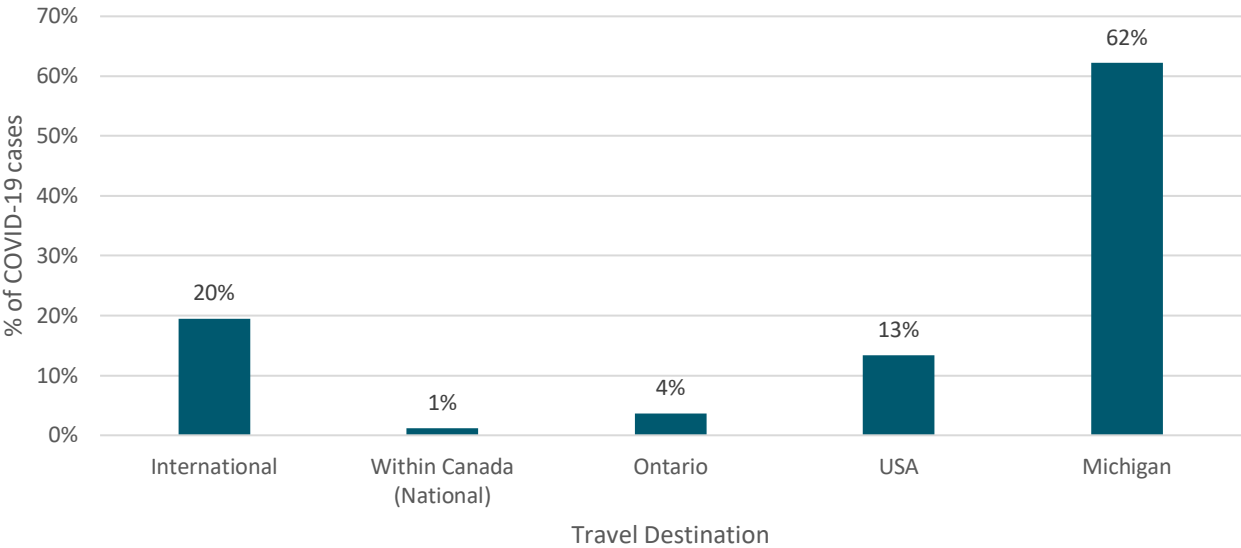
**Figure 5. Confirmed cases of COVID-19 by exposure history in Windsor and Essex County, March 20 to April 8, 2020 (n=244)**



**Data Source:** Infectious Disease Prevention team line list

### Travel History

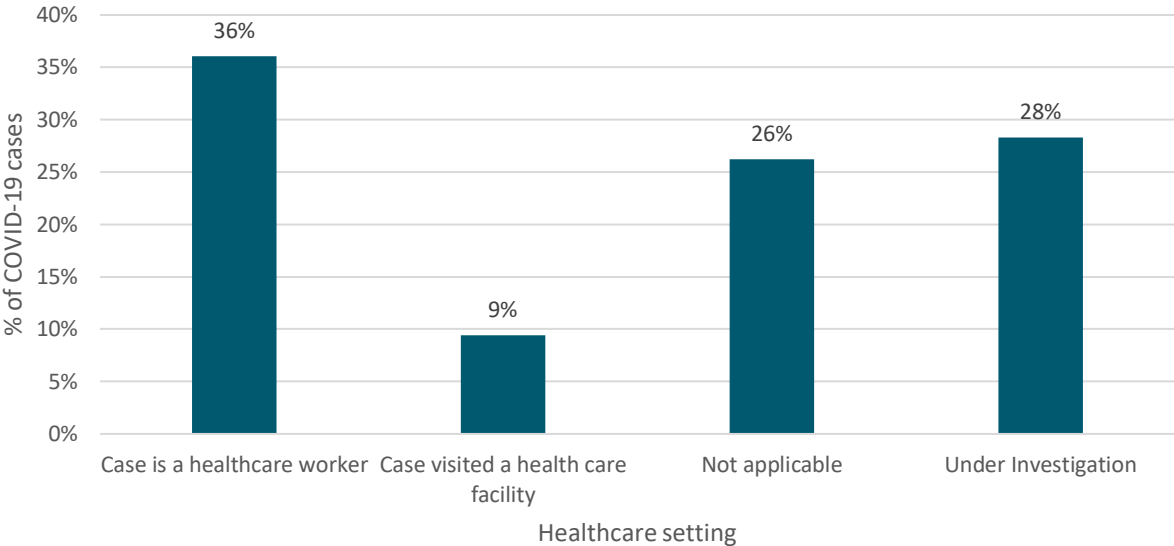
**Figure 6. Confirmed cases of COVID-19 by travel history in Windsor and Essex County, March 20 to April 8, 2020 (n=244)**



**Data Source:** Infectious Disease Prevention team line list

### Healthcare Worker Status

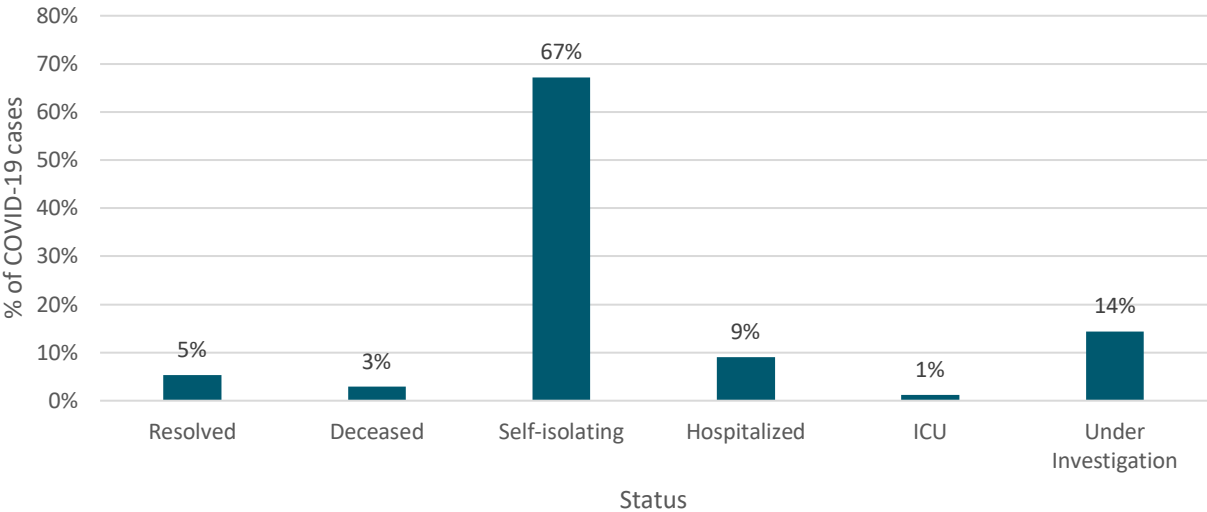
**Figure 7. Confirmed cases of COVID-19 by healthcare exposure in Windsor and Essex County, March 20 to April 8, 2020 (n=244)**



**Data Source:** Infectious Disease Prevention team line list

### Outcomes

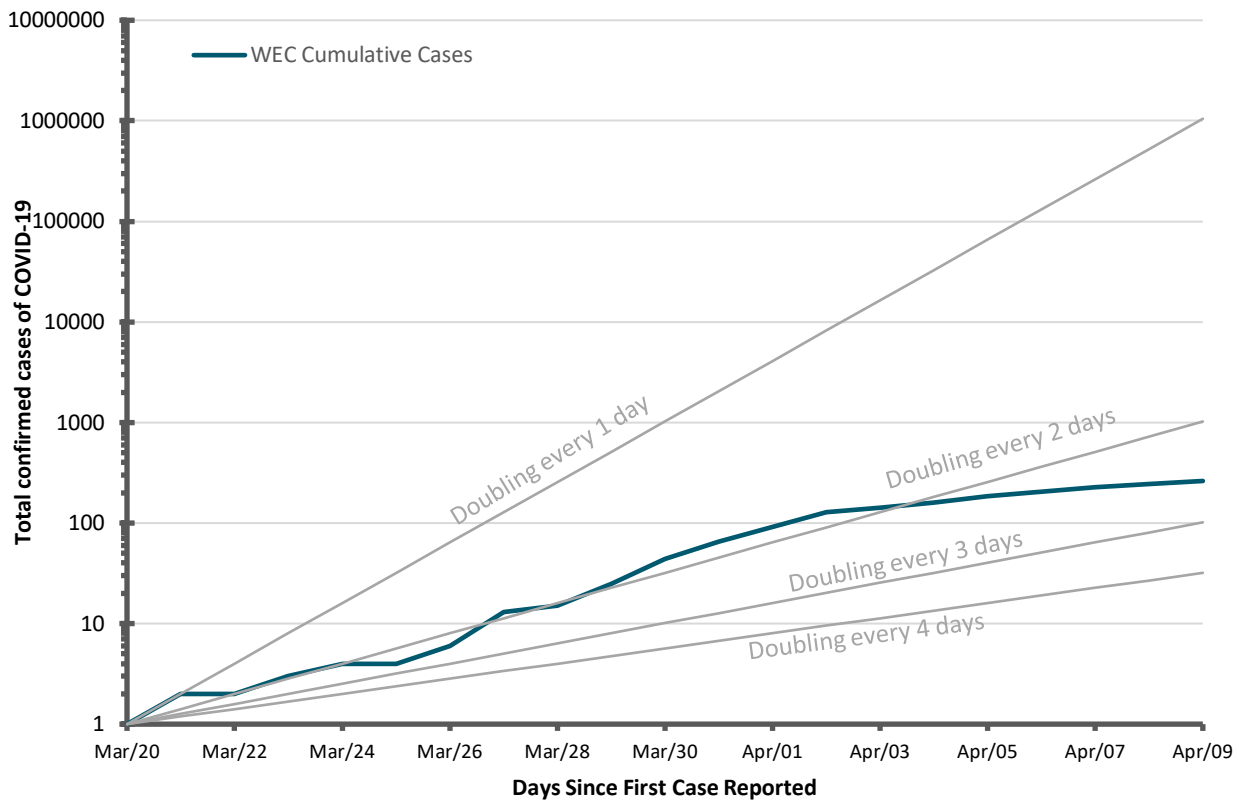
**Figure 8. Confirmed cases of COVID-19 by outcome in Windsor and Essex County, March 20 to April 8, 2020 (n=244)**



**Data Source:** Infectious Disease Prevention team line list

## Doubling Time

Figure 9. Doubling Time of Cases in Windsor and Essex County, March 20 to April 8, 2020 (n=244)



Data Source: Infectious Disease Prevention team line list





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