

## Epidemiologic Summary

# COVID-19 in Ontario: January 15, 2020 to April 1, 2020

This report includes the most current information available from the integrated Public Health Information System (iPHIS) as of 4 p.m. April 1, 2020.

## Purpose

- This daily report provides an epidemiologic summary of COVID-19 activity in Ontario to date.

## Highlights

- There are 2,793 confirmed cases of COVID-19 in Ontario reported to date in iPHIS. This represents an increase of 401 confirmed cases from the previous report.
  - 48.5% of cases are male, 50.9% are female.
  - 32.3% of cases are 60 years of age and older.
  - Greater Toronto Area public health units account for 53.6% of cases.
- Of all cases, 22.4% had travelled in the 14 days prior to becoming ill, 11.1% had close contact with a confirmed case, 16.6% had neither and 49.9% have exposure information pending.
- 11.5% of cases were hospitalized and 53 deaths have been reported (please note there may be a reporting delay for deaths in iPHIS).
- Twenty-six outbreaks have been reported in long-term care homes.

## Case Characteristics

**Table 1. Summary of cases of COVID-19: Ontario, January 15, 2020 to April 1, 2020**

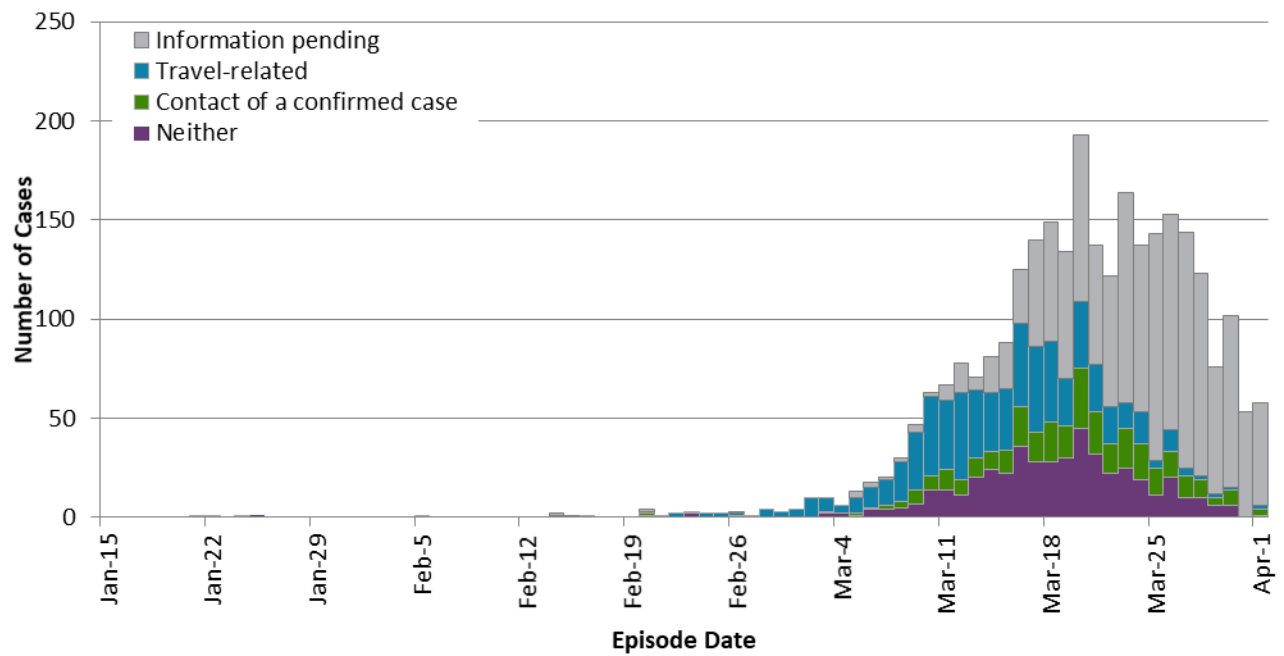
|                             | Number | Percentage     |
|-----------------------------|--------|----------------|
| Number of cases             | 2,793  | N/A            |
| Change from previous report | 401    | 16.8% increase |
| Gender: Male                | 1,355  | 48.5           |
| Gender: Female              | 1,421  | 50.9           |
| Ages: 19 and under          | 68     | 2.4            |
| Ages: 20-39                 | 826    | 29.6           |
| Ages: 40-59                 | 995    | 35.6           |
| Ages: 60-79                 | 716    | 25.6           |
| Ages: 80 and over           | 186    | 6.7            |

**Note:** 17 cases did not specify male or female. The age of two cases were unknown.

**Data Source:** integrated Public Health Information System (iPHIS) database

## Time

**Figure 1. Confirmed cases (n=2,793) of COVID-19 by episode date and exposure: Ontario, January 15, 2020 to April 1, 2020\***



**Note:** Travel-related refers to travel within the 14 days prior to becoming ill.

\*Interpret case counts for the most recent days with caution due to reporting lags.

**Data Source:** integrated Public Health Information System (iPHIS) database

## Exposure

**Table 2. Confirmed cases (n=2,793) of COVID-19 by exposure type: Ontario, January 15, 2020 to April 1, 2020**

|                             | Number | Percentage |
|-----------------------------|--------|------------|
| Travel*                     | 625    | 22.4       |
| Contact of a confirmed case | 310    | 11.1       |
| Neither                     | 463    | 16.6       |
| Information pending         | 1,395  | 49.9       |

\* Travel within the 14 days prior to becoming ill; travel locations are provided in [Appendix A](#).

**Data Source:** integrated Public Health Information System (iPHIS) database

## Severity

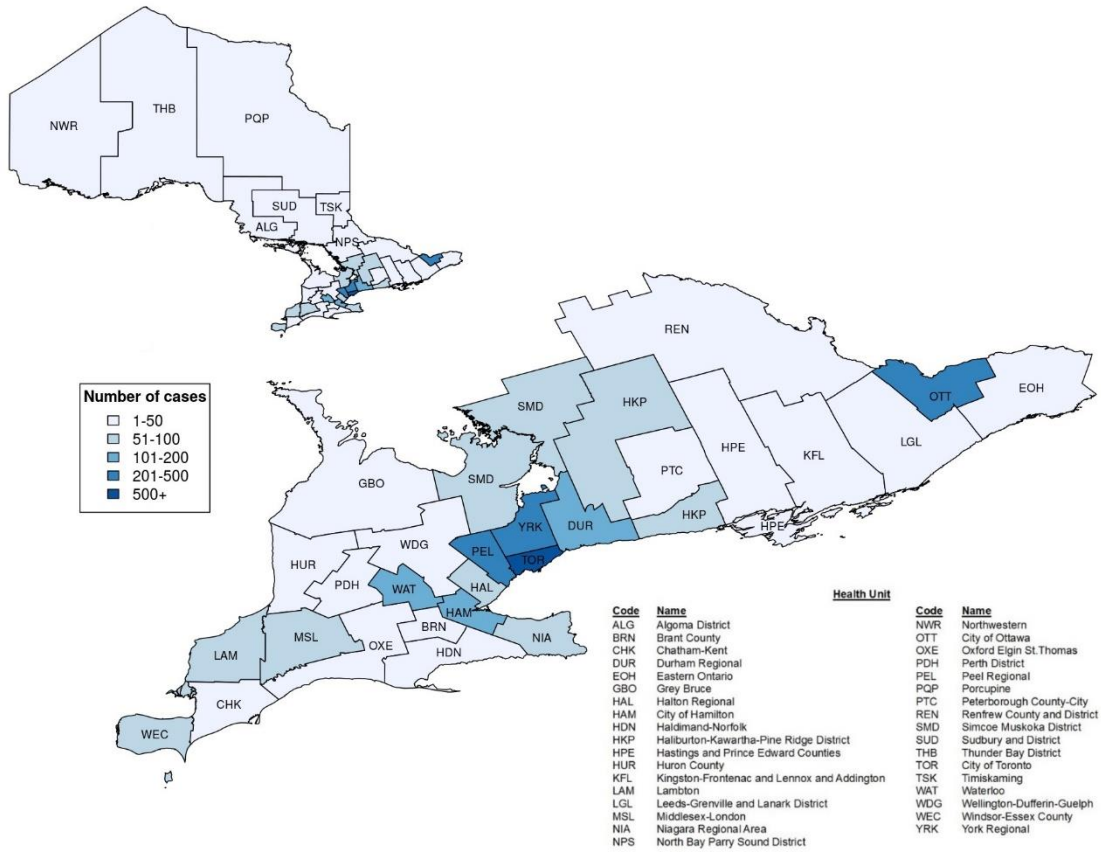
**Table 3. Confirmed cases (n=2,793) of COVID-19 by severity: Ontario, January 15, 2020 to April 1, 2020**

|   | Number | Percentage |
|---|--------|------------|
| Cumulative hospitalized   | 320    | 11.5       |
| Cumulative intensive care   | 101    | 3.6        |
| Cumulative deaths reported (please note there may be a reporting delay for deaths in iPHIS) | 53     | 1.9        |

**Data Source:** integrated Public Health Information System (iPHIS) database

# Geography

**Figure 2. Confirmed cases (n=2,793) of COVID-19 by public health unit: Ontario, January 15, 2020 to April 1, 2020**



**Data Source:** integrated Public Health Information System (iPHIS) database

## Long-Term Care Homes

**Table 4. Confirmed COVID-19 outbreaks reported in long-term care homes and total number of associated cases**

| Indicator  | Count |
|--|-------|
| Number of confirmed COVID-19 outbreaks in long-term care homes (LTCHs)                 | 26    |
| Total number of cases** reported as part of the confirmed COVID-19 outbreaks in LTCHs  | 287   |
| In residents   | 163   |
| In staff   | 119   |
| Total number of deaths** reported as part of the confirmed COVID-19 outbreaks in LTCHs | 19    |
| In residents   | 18    |
| In staff   | 0     |

**Data Source:** integrated Public Health Information System (iPHIS) database

\*\*Includes all outbreak-related cases and deaths, regardless of whether the case was laboratory confirmed (deaths among non-laboratory confirmed cases reported here are not included in table 3). May include cases other than residents or staff, such as volunteers.

# Technical Notes

## Data Sources (Case Data)

- The data for this report were based on information extracted from the Ontario Ministry of Health (MOH) integrated Public Health Information System (iPHIS) database, as of **April 1, 2020 at 4 p.m.**
- iPHIS is a dynamic disease reporting system, which allows ongoing updates to data previously entered. As a result, data extracted from iPHIS represent a snapshot at the time of extraction and may differ from previous or subsequent reports.

## iPHIS data caveats:

- The data only represent cases reported to public health and recorded in iPHIS. As a result, all counts will be subject to varying degrees of underreporting due to a variety of factors, such as disease awareness and medical care seeking behaviours, which may depend on severity of illness, clinical practice, changes in laboratory testing, and reporting behaviours.
- Only cases meeting the confirmed case classification as listed in the MOH [COVID-19 case definition](#) are included in the report counts.
- Case episode date is based on an estimate of the best date of disease onset. This date is calculated based on either the date of symptom onset, specimen collection/test date, or the date reported to public health.
- Orientation of case counts by geography is based on the diagnosing health unit (DHU). DHU refers to the case's public health unit of residence at the time of illness onset and not necessarily the location of exposure. Cases for which the DHU was reported as MOH (to signify a case that is not a resident of Ontario) have been excluded from the analyses.
  - GTA health units include: Durham Region Health Department, Peel Public Health, Toronto Public Health and York Region Public Health
- Exposure type is determined by examining the exposure and risk factor fields from iPHIS to determine whether a case travelled, was a contact of a case or neither. A hierarchy has been applied as follows: Travel-related > Close contact of a confirmed case > Neither > Information pending.
- Cases for which the Disposition Status was reported as ENTERED IN ERROR, DOES NOT MEET DEFINITION, DUPLICATE-DO NOT USE, or any variation on these values have been excluded.

## Appendix A

**Confirmed cases (n=625) of COVID-19 with travel history\* by location: Ontario, January 15, 2020 to April 1, 2020**

| Location travelled to** | Cases |
|-------------------------|-------|
| United States           | 184   |
| United Kingdom          | 64    |
| Cruise                  | 49    |
| Germany                 | 27    |
| Spain                   | 26    |
| Mexico                  | 23    |
| Austria                 | 19    |
| Iran                    | 17    |
| France                  | 15    |
| Philippines             | 15    |
| Egypt                   | 12    |
| Portugal                | 12    |
| India                   | 11    |
| Switzerland             | 9     |
| Cuba                    | 8     |
| Ireland                 | 8     |
| British Columbia        | 7     |
| Netherlands             | 7     |
| Dominican Republic      | 5     |



| Location travelled to** | Cases |
|-------------------------|-------|
| Italy                   | 5     |
| Pakistan                | 5     |
| Peru                    | 5     |
| China                   | 4     |
| Costa Rica              | 4     |
| Morocco                 | 4     |
| United Arab Emirates    | 4     |
| Bahamas                 | 3     |
| Barbados                | 3     |
| Colombia                | 3     |
| Jordan                  | 3     |
| Singapore               | 3     |
| Aruba                   | 2     |
| Bolivia                 | 2     |
| Denmark                 | 2     |
| Israel                  | 2     |
| Panama                  | 2     |
| Quebec                  | 2     |
| Trinidad And Tobago     | 2     |
| Turkey                  | 2     |
| Alberta                 | 1     |
| Australia               | 1     |

| Location travelled to** | Cases |
|-------------------------|-------|
| Brazil                  | 1     |
| Ecuador                 | 1     |
| Hong Kong               | 1     |
| Jamaica                 | 1     |
| Japan                   | 1     |
| New Zealand             | 1     |
| Nova Scotia             | 1     |
| Russian Federation      | 1     |
| Saint Martin            | 1     |
| Saskatchewan            | 1     |
| South Africa            | 1     |
| South Korea             | 1     |
| State of Palestine      | 1     |
| Sweden                  | 1     |
| Tahiti                  | 1     |
| Viet Nam                | 1     |

\* Travel within the 14 days prior to symptom onset.

\*\* Cases may report travel exposures for more than one country, or may report travel as a risk factor without specifying the location. Because of this, the sum of the counts in this table may not add to the number of cases with travel exposure.

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## For Further Information

For more information, email [cd@oahpp.ca](mailto:cd@oahpp.ca).

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