



# COVID-19 Epidemiology Update

OTTAWA PUBLIC HEALTH. Report compiled on May 14, 2020, 11:00 am

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Ottawa Public Health (OPH) has transitioned to a new case management and reporting system. This transition will position OPH to better manage COVID-19 case volumes, facilitate remote work options for the case management team, and continue to uphold provincial reporting obligations. To support the transition, OPH is currently conducting quality assurance to validate the data in the new system.

## Purpose

This daily report provides an epidemiologic summary of COVID-19 activity in Ottawa to date. The report includes the most current information available from the COVID-19 Ottawa Database (COD) as of 2:00 pm May 13, 2020 and the integrated Public Health Information System (iPHIS) as of 4:00 p.m. May 13, 2020.

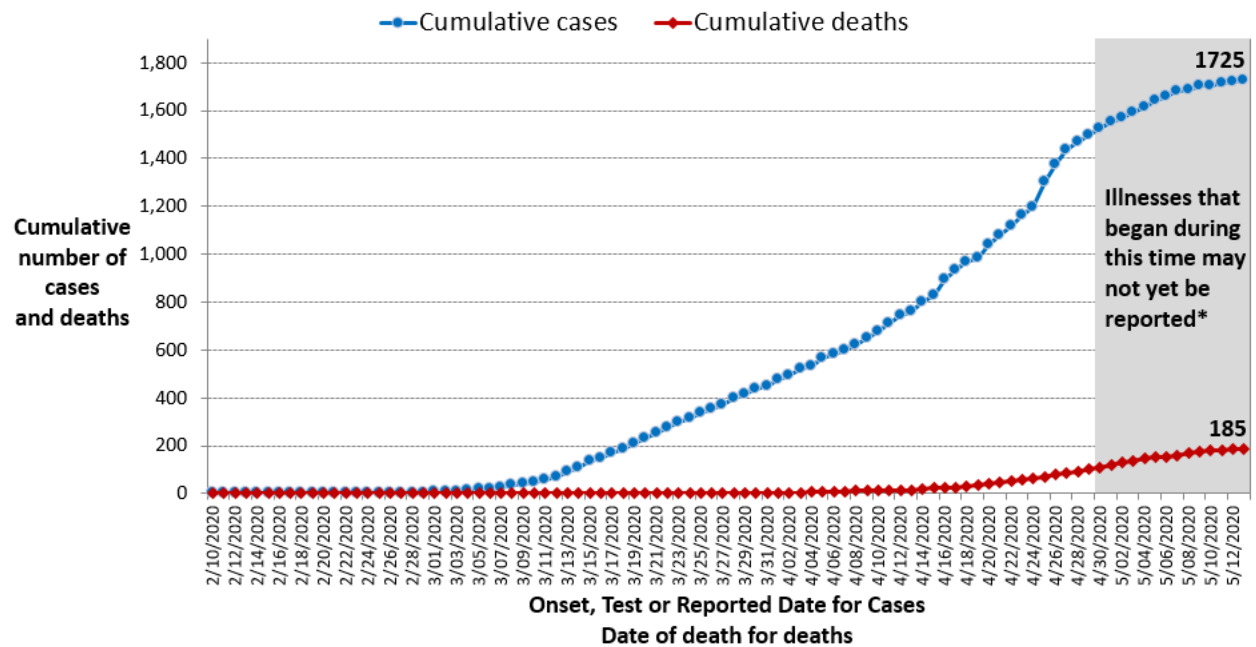
## Summary

- 1,725 laboratory-confirmed cases, including 185 deaths, have been reported in Ottawa.
- This includes 18 new cases and 3 new deaths since the previous report.
- 55 Ottawa residents with COVID-19 are currently hospitalized.
- There are 20 ongoing outbreaks in [institutions](#).



## Cases Over Time

**Figure 1. Cumulative epidemiological curve of Ottawa residents with confirmed COVID-19, by the EARLIEST of onset date, test and reported date or date of death**

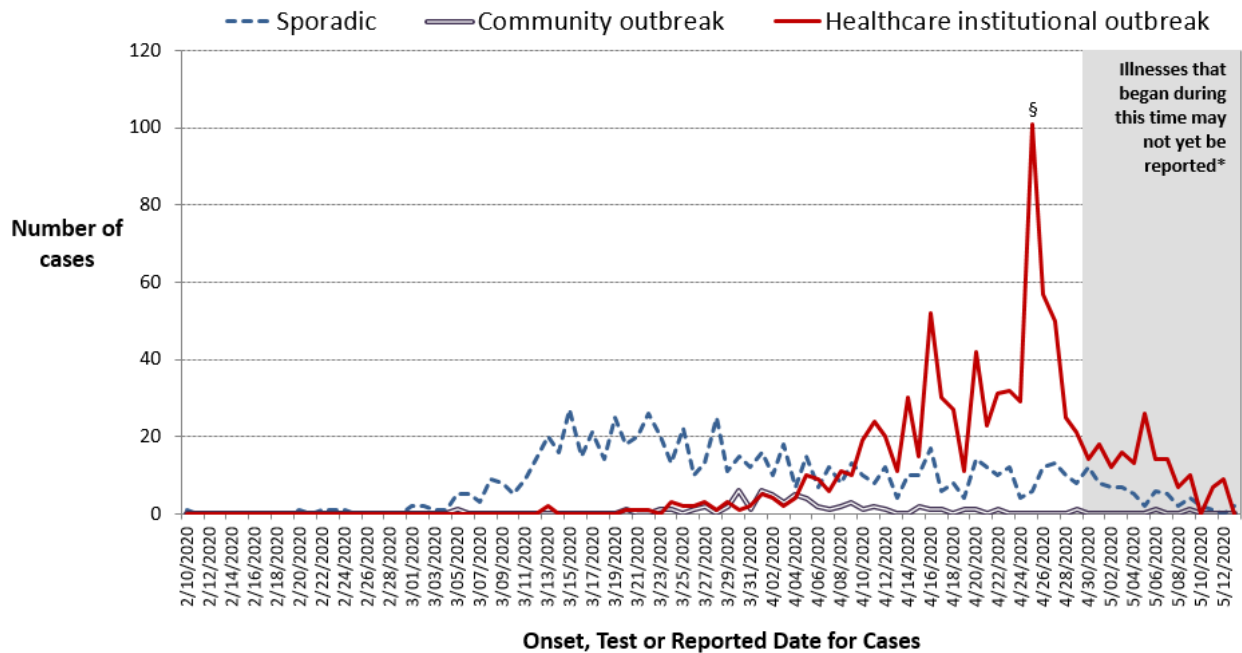


### Notes:

1. Data are from the COD as of 2:00 p.m. on May 13, 2020.
2. The onset date is the earliest of symptom onset, laboratory testing, and reporting dates. This means that in the graphs, cases are shown based on when the person's symptoms started, or if that is not known, the date that they were tested. If the test date is not known, the date that the case was reported to public health is used. As the case is investigated and more information is available, the dates in the graph are updated.
3. Confirmed cases are those with a confirmed COVID-19 laboratory result as per the Ministry of Health Public health management of cases and contacts of COVID-19 in Ontario. March 25, 2020 version 6.0.
4. A patient's exposure may have occurred up to 14 days prior to onset of symptoms.
5. \*Symptomatic cases occurring in approximately the last 14 days are likely under-reported due to the time for individuals to seek medical assessment, availability of testing, and receipt of test results.
6. ERRATA: In reports before May 11, 2020, the death data were graphed to the earliest of onset date, test and reported date. As of May 11, 2020, the death data are graphed to the date of death. Since data represent a snapshot in time and case investigations are in progress, there may be some instances where a date of death is not yet entered in the COD database. In these instances, the date of death is captured as the reported date.



**Figure 2. Epidemiological curve of Ottawa residents with confirmed COVID-19, by the EARLIEST of onset, test, and reported date, by outbreak association†**



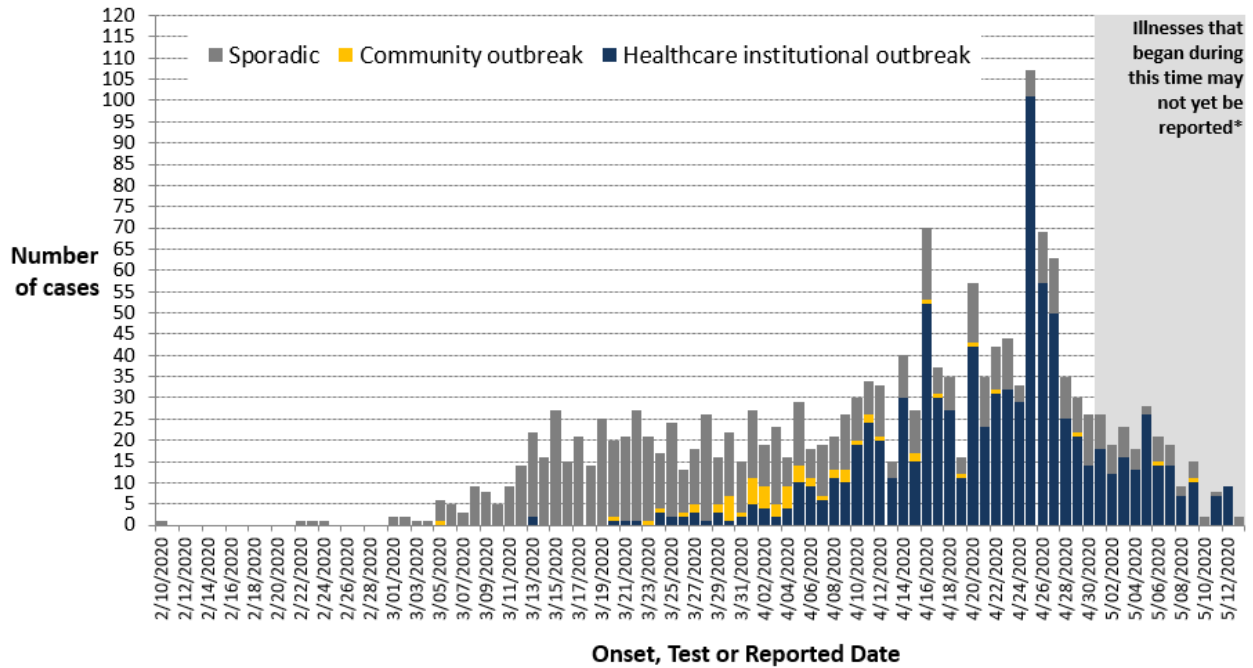
**Notes:**

1. Data are from the COD as of 2:00 p.m. on May 13, 2020.
2. Confirmed cases are those with a confirmed COVID-19 laboratory result as per the Ministry of Health Public health management of cases and contacts of COVID-19 in Ontario. March 25, 2020 version 6.0.
3. †Cases are associated with a specific, isolated community outbreak; a healthcare institutional outbreak; or no known outbreak (i.e., sporadic).
4. A patient's exposure may have occurred up to 14 days prior to onset of symptoms.
5. \*Symptomatic sporadic cases occurring in approximately the last 14 days are likely under-reported due to the time for individuals to seek medical assessment, availability of testing, and receipt of test results.
6. Healthcare institutions include long term care facilities, retirement homes, and hospitals.
7. §Surveillance testing for COVID-19 began in long term care facilities on April 25, 2020.
8. The province has had to limit testing to priority groups. Since only a small fraction of all the persons who were infected with the COVID-19 virus were tested, the number of reported confirmed community cases underestimates the actual number of infections. Information on overall infection rates in Canada will not be available until large studies on COVID-19 antibody presence in blood serum are conducted. Based on available information, the actual number of infections may lie from 5 to 30 times or more than the reported number of cases.<sup>1</sup>

<sup>1</sup> Richterich P. Severe underestimation of COVID-19 case numbers: Effect of epidemic growth rate and test restrictions. *medRxiv*. April 2020: 2020.04.13. doi.org/10.1101/2020.04.13.20064220



**Figure 3. Epidemiological curve of Ottawa residents with confirmed COVID-19, by the EARLIEST of onset, test and reported date, by outbreak association† (n=1,725)**



**Notes:**

1. Data are from the COD as of 2:00 p.m. on May 13, 2020.
2. Confirmed cases are those with a confirmed COVID-19 laboratory result as per the Ministry of Health Public health management of cases and contacts of COVID-19 in Ontario. March 25, 2020 version 6.0.
3. †Cases are associated with a specific, isolated community outbreak; a healthcare institutional outbreak; or no known outbreak (i.e., sporadic).
4. A patient's exposure may have occurred up to 14 days prior to onset of symptoms.
5. \*Symptomatic cases occurring in approximately the last 14 days are likely under-reported due to the time for individuals to seek medical assessment, availability of testing, and receipt of test results.
6. Healthcare institutions include long term care facilities, retirement homes, and hospitals.
7. The province has had to limit testing to priority groups. Since only a small fraction of all the persons who were infected with the COVID-19 virus were tested, the number of reported confirmed community cases underestimates the actual number of infections. Information on overall infection rates in Canada will not be available until large studies on COVID-19 antibody presence in blood serum are conducted. Based on available information, the actual number of infections may lie from 5 to 30 times or more than the reported number of cases.<sup>2</sup>

<sup>2</sup> Richterich P. Severe underestimation of COVID-19 case numbers: Effect of epidemic growth rate and test restrictions. *medRxiv*. April 2020: 2020.04.13. doi.org/10.1101/2020.04.13.20064220



## Case Characteristics

**Table 1. Age, gender and occupation (health care worker or first responder) of Ottawa residents with confirmed COVID-19**

| Measure                                  | Number             | Percentage  |
|--|--------------------|-------------|
| Case count                               | 1,725              | -           |
| Change from previous report              | 18                 | 1% increase |
| Age, median (range)                      | 57 years (4m-105y) | -           |
| <b>Age</b>                               |                    |             |
| 0-9 years                                | 22                 | 1%          |
| 10-19 years                              | 42                 | 2%          |
| 20 to 29 years                           | 175                | 10%         |
| 30 to 39 years                           | 217                | 13%         |
| 40 to 49 years                           | 230                | 13%         |
| 50 to 59 years                           | 254                | 15%         |
| 60 to 69 years                           | 215                | 12%         |
| 70 to 79 years                           | 162                | 9%          |
| 80 to 89 years                           | 234                | 14%         |
| 90+ years                                | 173                | 10%         |
| Unknown                                  | 1                  | <1%         |
| <b>Gender</b>                            |                    |             |
| Female                                   | 1,021              | 59%         |
| Male                                     | 704                | 41%         |
| Unknown                                  | 0                  | 0%          |
| Health care workers and first responders | 443                | 26%         |

**Notes:**

1. Data are from the COD as of 2:00 p.m. on May 13, 2020.
2. Confirmed cases are those with a confirmed COVID-19 laboratory result as per the Ministry of Health Public health management of cases and contacts of COVID-19 in Ontario. March 25, 2020 version 6.0.



**Table 2. Age, gender and occupation (health care worker or first responder) of Ottawa residents with confirmed COVID-19 who have died**

| Measure                                 | Number            | Percentage                     |
|---|-------------------|--------------------------------|
| Cumulative cases                        | 1,725             |                                |
| Cumulative deaths                       | 185               | 11%                            |
| Change from previous report             | 3                 | 2% increase                    |
| Age, median (range)                     | 87 years (39-105) |                                |
| Age                                     |                   | Percent of deaths by age group |
| 0-9 years                               | 0                 | 0%                             |
| 10 to 19 years                          | 0                 | 0%                             |
| 20 to 29 years                          | 0                 | 0%                             |
| 30 to 39 years                          | 1                 | <1%                            |
| 40 to 49 years                          | 0                 | 0%                             |
| 50 to 59 years                          | 6                 | 2%                             |
| 60 to 69 years                          | 12                | 6%                             |
| 70 to 79 years                          | 25                | 15%                            |
| 80 to 89 years                          | 76                | 32%                            |
| 90+ years                               | 65                | 37%                            |
| Unknown                                 | 0                 | 0%                             |
| Gender                                  |                   |                                |
| Female                                  | 100               | 10%                            |
| Male                                    | 85                | 12%                            |
| Unknown                                 | 0                 | 0%                             |
| Healthcare workers and first responders | 1                 | <1%                            |

**Notes:**

1. Data are from the COD as of 2:00 p.m. on May 13, 2020.
2. Confirmed cases are those with a confirmed COVID-19 laboratory result as per the Ministry of Health Public health management of cases and contacts of COVID-19 in Ontario. March 25, 2020 version 6.0.

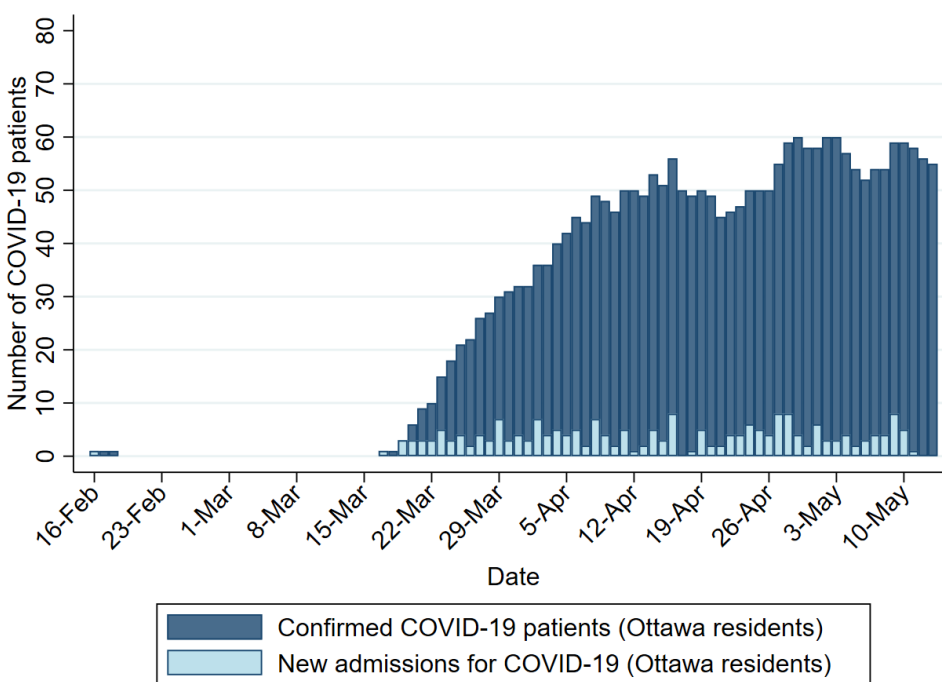


## Severity of Cases: Hospitalizations among Ottawa residents with COVID-19

The data presented in Figure 4 and Tables 3-4 present information about Ottawa residents with COVID-19 who have been admitted to hospitals in Ottawa. These indicators help us monitor the level and severity of infection within the City.

Please consider the hospitalization data in this section to be preliminary. OPH is collaborating with local hospitals to receive daily electronic updates on hospitalizations for COVID-19 and we are conducting quality assurance work while incorporating this new data source. It is anticipated to provide more complete and accurate hospitalization data once it is fully incorporated.

**Figure 4. Number of Ottawa residents with confirmed COVID-19 newly admitted to hospital and number currently hospitalized, by day**



**Notes:**

1. Data are from the COD as of 2:00 p.m. on May 13, 2020 Confirmed cases are those with a confirmed COVID-19 laboratory result as per the Ministry of Health Public health management of cases and contacts of COVID-19 in Ontario. March 25, 2020 version 6.0.
2. The dark blue bars represent the number of COVID-19 patients hospitalized. The light blue bars represent the number of newly hospitalized COVID-19 patients.
3. Data for this figure will soon be available at OpenDataOttawa [instead of the end of the report]
4. New hospital admissions and counts of currently in hospital may lag and are subject to change as the hospitalization information is tied to case investigation. Daily fluctuations in the number currently in hospital should not be compared to new hospital admissions since hospitalization information is only updated once a patient is confirmed COVID-19 and admission information would then be updated retrospectively. For example, there can be a delay between when a patient is admitted to hospital, tested for COVID-19, and receive test results. If positive results are received, a case investigation begins and their hospitalization information is updated, resulting in a lag in the newly admitted and currently hospitalized information.
5. Patients who are admitted multiple times to hospital are only counted on their first admission date.





**Table 3. Severity of disease for Ottawa residents with confirmed COVID-19**

| <b>Measure</b>            | <b>Number</b> | <b>Percentage</b> |
|---------------------------|---------------|-------------------|
| <b>All cases</b>          | <b>1,725</b>  |                   |
| Cumulative hospitalized   | 214           | 12%               |
| Currently in hospital*    | 55            | 3%                |
| Cumulative intensive care | 54            | 3%                |
| Deaths                    | 185           | 11%               |
| Resolved <sup>4</sup>     | 1,304         | 76%               |

**Notes:**

1. Data are from the COD as of 2:00 p.m. on May 13, 2020.
2. Confirmed cases are those with a confirmed COVID-19 laboratory result as per the Ministry of Health Public health management of cases and contacts of COVID-19 in Ontario. March 25, 2020 version 6.0.
3. Intensive care patients are a subset of hospitalized patients.
4. As per provincial practice, cases that are 14 days past symptom onset (if available) or 14 days past the episode date are classified as resolved for non-fatal cases that are not currently listed as hospitalized. Cases are also classified as resolved if the case is reported as “recovered” in the COD. This represents a change from reports prior to May 1, 2020 that relied solely on the classification in the COD/iPHIS and increases the number classified as Resolved.
5. \* New hospital admissions and counts of currently in hospital may lag and are subject to change as the hospitalization information is tied to case investigation. Daily fluctuations in the number currently in hospital should not be compared to new hospital admissions since hospitalization information is only updated once a patient is confirmed COVID-19 and admission information would then be updated retrospectively. For example, there can be a delay between when a patient is admitted to hospital, tested for COVID-19, and receive test results. If positive results are received, a case investigation begins and their hospitalization information is updated, resulting in a lag in the newly admitted and currently hospitalized information.



**Table 4. Age of Ottawa residents with confirmed COVID-19 that have been hospitalized (cumulative) and in intensive care (cumulative) (n=1,725)**

| Measure             | Cumulative Hospitalized |  | Cumulative Intensive Care |   |
|---------------------|-------------------------|--|---------------------------|---|
|                     | Number                  | Percentage                                 | Number                    | Percentage                                  |
| Case count          | 214                     | 12%  | 54                        | 3%  |
| Age, median (range) | 70 years (24 to 102)    |  | 64 years (32 to 91)       |   |
| Age                 |                         | Percent of cases hospitalized by age group |                           | Percent of cases in intensive care by group |
| 0 to 9 years        | 0                       | 0%   | 0                         | 0%  |
| 10 to 19 years      | 0                       | 0%   | 0                         | 0%  |
| 20 to 29 years      | 2                       | 1%   | 0                         | 0%  |
| 30 to 39 years      | 8                       | 4%   | 3                         | 1%  |
| 40 to 49 years      | 15                      | 7%   | 6                         | 3%  |
| 50 to 59 years      | 36                      | 14%  | 14                        | 6%  |
| 60 to 69 years      | 47                      | 22%  | 14                        | 7%  |
| 70 to 79 years      | 44                      | 27%  | 11                        | 7%  |
| 80 to 89 years      | 42                      | 18%  | 5                         | 2%  |
| 90+ years           | 20                      | 12%  | 1                         | 1%  |

**Notes:**

1. Data are from the COD as of 2:00 p.m. on May 13, 2020.
2. Intensive care patients are a subset of hospitalized patients.
3. Confirmed cases are those with a confirmed COVID-19 laboratory result as per the Ministry of Health Public health management of cases and contacts of COVID-19 in Ontario. March 25, 2020 version 6.0.

## Exposure Settings of Confirmed COVID-19 Cases

**Table 5. Exposures of Ottawa residents with confirmed COVID-19**

| Exposure                       | Number       | Percentage |
|--------------------------------|--------------|------------|
| Travel only                    | 110          | 6%         |
| Travel and contact with a case | 41           | 2%         |
| Contact with a case only       | 299          | 17%        |
| Institutional                  | 890          | 52%        |
| Institutional and travel       | 3            | <1%        |
| No known exposure              | 332          | 19%        |
| Undetermined                   | 50           | 3%         |
| <b>TOTAL</b>                   | <b>1,725</b> |            |

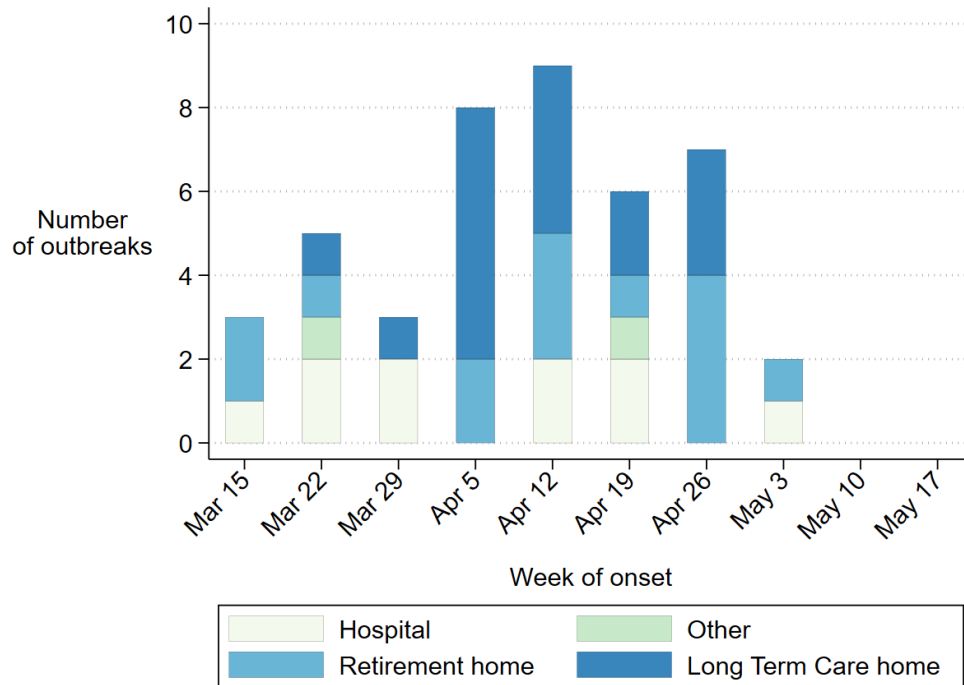
**Notes:**

1. Data are from the COD as of 2:00 p.m. on May 13, 2020.
2. "Institutional" exposures are assigned to residents/patients and staff associated with outbreaks in long term care facilities, retirement homes, group homes, and hospitals.
3. The number of cases with travel history has been revised downward since the last report on April 29 after additional chart review.



## Outbreaks

**Figure 5. Total number of COVID-19 outbreaks in Ottawa institutions<sup>3</sup>**



**Notes:**

1. Data from iPHIS as of 4:00 pm on May 13, 2020.
2. 23 outbreaks are closed and 20 are active. Investigation and data entry are ongoing.
3. Institutions include long-term care homes, retirement homes, group homes (other) and public hospitals.



## Data Notes & Sources

Data extracted represent a snapshot at the time of extraction and may differ in previous or subsequent reports. These data sources are used:

- 1) Case information
  - a. Data are from [Ontario Data Catalogue](#) of confirmed positive cases of COVID19 in Ottawa downloaded 10:30am on May 13, representing data pulled from the Ottawa Public Health COVID-19 Ottawa Database (COD) as of 2:00 p.m. on May 13, 2020.
- 2) Outbreak information
  - a. Ontario Ministry of Health, integrated Public Health Information System (iPHIS), extracted by Ottawa Public Health at 4:00 p.m. each day.

iPHIS and the COD are dynamic disease reporting systems that allow for ongoing updates to data previously entered. Data extracted from these databases represent a snapshot at the time of extraction and can be different in previous or subsequent reports.

### **Please use the following citation when referencing this document:**

Ottawa Public Health. COVID-19 Epidemiology Update. May 14, 2020. Ottawa (ON): Ottawa Public Health; 2020.

**For further information about COVID-19 in Ottawa, visit [ottawapublichealth.ca](https://ottawapublichealth.ca).**



Data Tables

Data Table for Figure 1

| <b>Earliest of Onset, Test or Reported Date or Date of Death</b> | <b>Cumulative Number of Ottawa Residents with Confirmed COVID-19</b> | <b>Cumulative Number of Ottawa Residents with Confirmed COVID-19 who died</b> |
|--|--|---|
| 2/10/2020  | 1  | 0   |
| 2/11/2020  | 1  | 0   |
| 2/12/2020  | 1  | 0   |
| 2/13/2020  | 1  | 0   |
| 2/14/2020  | 1  | 0   |
| 2/15/2020  | 1  | 0   |
| 2/16/2020  | 1  | 0   |
| 2/17/2020  | 1  | 0   |
| 2/18/2020  | 1  | 0   |
| 2/19/2020  | 1  | 0   |
| 2/20/2020  | 2  | 0   |
| 2/21/2020  | 2  | 0   |
| 2/22/2020  | 3  | 0   |
| 2/23/2020  | 4  | 0   |
| 2/24/2020  | 5  | 0   |
| 2/25/2020  | 5  | 0   |
| 2/26/2020  | 5  | 0   |
| 2/27/2020  | 5  | 0   |
| 2/28/2020  | 5  | 0   |
| 2/29/2020  | 5  | 0   |
| 3/01/2020  | 7  | 0   |
| 3/02/2020  | 9  | 0   |
| 3/03/2020  | 10   | 0   |
| 3/04/2020  | 11   | 0   |
| 3/05/2020  | 17   | 0   |
| 3/06/2020  | 22   | 0   |
| 3/07/2020  | 25   | 0   |
| 3/08/2020  | 34   | 0   |
| 3/09/2020  | 42   | 0   |



| <b>Earliest of Onset, Test or Reported Date or Date of Death</b> | <b>Cumulative Number of Ottawa Residents with Confirmed COVID-19</b> | <b>Cumulative Number of Ottawa Residents with Confirmed COVID-19 who died</b> |
|--|--|---|
| 3/10/2020  | 47   | 0   |
| 3/11/2020  | 56   | 0   |
| 3/12/2020  | 70   | 0   |
| 3/13/2020  | 92   | 0   |
| 3/14/2020  | 108  | 0   |
| 3/15/2020  | 135  | 0   |
| 3/16/2020  | 150  | 0   |
| 3/17/2020  | 171  | 0   |
| 3/18/2020  | 185  | 0   |
| 3/19/2020  | 210  | 0   |
| 3/20/2020  | 230  | 0   |
| 3/21/2020  | 251  | 0   |
| 3/22/2020  | 278  | 0   |
| 3/23/2020  | 299  | 0   |
| 3/24/2020  | 316  | 1   |
| 3/25/2020  | 340  | 1   |
| 3/26/2020  | 353  | 1   |
| 3/27/2020  | 371  | 1   |
| 3/28/2020  | 397  | 2   |
| 3/29/2020  | 413  | 2   |
| 3/30/2020  | 435  | 3   |
| 3/31/2020  | 450  | 3   |
| 4/01/2020  | 477  | 3   |
| 4/02/2020  | 496  | 5   |
| 4/03/2020  | 519  | 5   |
| 4/04/2020  | 535  | 6   |
| 4/05/2020  | 564  | 8   |
| 4/06/2020  | 582  | 9   |
| 4/07/2020  | 601  | 9   |
| 4/08/2020  | 622  | 11  |
| 4/09/2020  | 648  | 11  |



| <b>Earliest of Onset, Test or Reported Date or Date of Death</b> | <b>Cumulative Number of Ottawa Residents with Confirmed COVID-19</b> | <b>Cumulative Number of Ottawa Residents with Confirmed COVID-19 who died</b> |
|--|--|---|
| 4/10/2020  | 678  | 11  |
| 4/11/2020  | 712  | 11  |
| 4/12/2020  | 745  | 13  |
| 4/13/2020  | 760  | 16  |
| 4/14/2020  | 800  | 18  |
| 4/15/2020  | 827  | 23  |
| 4/16/2020  | 897  | 23  |
| 4/17/2020  | 934  | 25  |
| 4/18/2020  | 969  | 30  |
| 4/19/2020  | 985  | 35  |
| 4/20/2020  | 1042   | 39  |
| 4/21/2020  | 1077   | 46  |
| 4/22/2020  | 1119   | 53  |
| 4/23/2020  | 1163   | 56  |
| 4/24/2020  | 1196   | 64  |
| 4/25/2020  | 1303   | 72  |
| 4/26/2020  | 1372   | 81  |
| 4/27/2020  | 1435   | 87  |
| 4/28/2020  | 1470   | 93  |
| 4/29/2020  | 1500   | 101   |
| 4/30/2020  | 1526   | 108   |
| 5/01/2020  | 1552   | 119   |
| 5/02/2020  | 1571   | 131   |
| 5/03/2020  | 1594   | 137   |
| 5/04/2020  | 1612   | 149   |
| 5/05/2020  | 1640   | 151   |
| 5/06/2020  | 1661   | 154   |
| 5/07/2020  | 1680   | 161   |
| 5/08/2020  | 1689   | 169   |



| <b>Earliest of Onset, Test or Reported Date or Date of Death</b> | <b>Cumulative Number of Ottawa Residents with Confirmed COVID-19</b> | <b>Cumulative Number of Ottawa Residents with Confirmed COVID-19 who died</b> |
|--|--|---|
| 5/09/2020  | 1704   | 173   |
| 5/10/2020  | 1706   | 180   |
| 5/11/2020  | 1714   | 181   |
| 5/12/2020  | 1723   | 184   |
| 5/13/2020  | 1725   | 185   |

**Data table for Figure 2 and Figure 3**

| <b>Earliest of Onset, Test or Reported Date</b> | <b>Daily Total of Sporadic COVID-19 Cases</b> | <b>Daily Total of COVID-19 Cases Linked to Community Outbreaks</b> | <b>Daily Total of COVID-19 Cases Linked to Outbreaks in Health Care Institutions</b> | <b>Daily Total of Ottawa Residents with Confirmed COVID-19</b> |
|---|---|--|--|--|
| 2/10/2020                                       | 1   | 0  | 0  | 1  |
| 2/11/2020                                       | 0   | 0  | 0  | 0  |
| 2/12/2020                                       | 0   | 0  | 0  | 0  |
| 2/13/2020                                       | 0   | 0  | 0  | 0  |
| 2/14/2020                                       | 0   | 0  | 0  | 0  |
| 2/15/2020                                       | 0   | 0  | 0  | 0  |
| 2/16/2020                                       | 0   | 0  | 0  | 0  |
| 2/17/2020                                       | 0   | 0  | 0  | 0  |
| 2/18/2020                                       | 0   | 0  | 0  | 0  |
| 2/19/2020                                       | 0   | 0  | 0  | 0  |
| 2/20/2020                                       | 1   | 0  | 0  | 1  |
| 2/21/2020                                       | 0   | 0  | 0  | 0  |
| 2/22/2020                                       | 1   | 0  | 0  | 1  |
| 2/23/2020                                       | 1   | 0  | 0  | 1  |
| 2/24/2020                                       | 1   | 0  | 0  | 1  |
| 2/25/2020                                       | 0   | 0  | 0  | 0  |
| 2/26/2020                                       | 0   | 0  | 0  | 0  |
| 2/27/2020                                       | 0   | 0  | 0  | 0  |
| 2/28/2020                                       | 0   | 0  | 0  | 0  |





| <b>Earliest of Onset, Test or Reported Date</b> | <b>Daily Total of Sporadic COVID-19 Cases</b> | <b>Daily Total of COVID-19 Cases Linked to Community Outbreaks</b> | <b>Daily Total of COVID-19 Cases Linked to Outbreaks in Health Care Institutions</b> | <b>Daily Total of Ottawa Residents with Confirmed COVID-19</b> |
|---|---|--|--|--|
| 2/29/2020                                       | 0   | 0  | 0  | 0  |
| 3/01/2020                                       | 2   | 0  | 0  | 2  |
| 3/02/2020                                       | 2   | 0  | 0  | 2  |
| 3/03/2020                                       | 1   | 0  | 0  | 1  |
| 3/04/2020                                       | 1   | 0  | 0  | 1  |
| 3/05/2020                                       | 5   | 1  | 0  | 6  |
| 3/06/2020                                       | 5   | 0  | 0  | 5  |
| 3/07/2020                                       | 3   | 0  | 0  | 3  |
| 3/08/2020                                       | 9   | 0  | 0  | 9  |
| 3/09/2020                                       | 8   | 0  | 0  | 8  |
| 3/10/2020                                       | 5   | 0  | 0  | 5  |
| 3/11/2020                                       | 9   | 0  | 0  | 9  |
| 3/12/2020                                       | 14  | 0  | 0  | 14   |
| 3/13/2020                                       | 20  | 0  | 2  | 22   |
| 3/14/2020                                       | 16  | 0  | 0  | 16   |
| 3/15/2020                                       | 27  | 0  | 0  | 27   |
| 3/16/2020                                       | 15  | 0  | 0  | 15   |
| 3/17/2020                                       | 21  | 0  | 0  | 21   |
| 3/18/2020                                       | 14  | 0  | 0  | 14   |
| 3/19/2020                                       | 25  | 0  | 0  | 25   |
| 3/20/2020                                       | 18  | 1  | 1  | 20   |
| 3/21/2020                                       | 20  | 0  | 1  | 21   |
| 3/22/2020                                       | 26  | 0  | 1  | 27   |
| 3/23/2020                                       | 20  | 1  | 0  | 21   |
| 3/24/2020                                       | 13  | 1  | 3  | 17   |
| 3/25/2020                                       | 22  | 0  | 2  | 24   |
| 3/26/2020                                       | 10  | 1  | 2  | 13   |
| 3/27/2020                                       | 13  | 2  | 3  | 18   |
| 3/28/2020                                       | 25  | 0  | 1  | 26   |
| 3/29/2020                                       | 11  | 2  | 3  | 16   |



| <b>Earliest of Onset, Test or Reported Date</b> | <b>Daily Total of Sporadic COVID-19 Cases</b> | <b>Daily Total of COVID-19 Cases Linked to Community Outbreaks</b> | <b>Daily Total of COVID-19 Cases Linked to Outbreaks in Health Care Institutions</b> | <b>Daily Total of Ottawa Residents with Confirmed COVID-19</b> |
|---|---|--|--|--|
| 3/30/2020                                       | 15  | 6  | 1  | 22   |
| 3/31/2020                                       | 12  | 1  | 2  | 15   |
| 4/01/2020                                       | 16  | 6  | 5  | 27   |
| 4/02/2020                                       | 10  | 5  | 4  | 19   |
| 4/03/2020                                       | 18  | 3  | 2  | 23   |
| 4/04/2020                                       | 7   | 5  | 4  | 16   |
| 4/05/2020                                       | 15  | 4  | 10   | 29   |
| 4/06/2020                                       | 7   | 2  | 9  | 18   |
| 4/07/2020                                       | 12  | 1  | 6  | 19   |
| 4/08/2020                                       | 8   | 2  | 11   | 21   |
| 4/09/2020                                       | 13  | 3  | 10   | 26   |
| 4/10/2020                                       | 10  | 1  | 19   | 30   |
| 4/11/2020                                       | 8   | 2  | 24   | 34   |
| 4/12/2020                                       | 12  | 1  | 20   | 33   |
| 4/13/2020                                       | 4   | 0  | 11   | 15   |
| 4/14/2020                                       | 10  | 0  | 30   | 40   |
| 4/15/2020                                       | 10  | 2  | 15   | 27   |
| 4/16/2020                                       | 17  | 1  | 52   | 70   |
| 4/17/2020                                       | 6   | 1  | 30   | 37   |
| 4/18/2020                                       | 8   | 0  | 27   | 35   |
| 4/19/2020                                       | 4   | 1  | 11   | 16   |
| 4/20/2020                                       | 14  | 1  | 42   | 57   |
| 4/21/2020                                       | 12  | 0  | 23   | 35   |
| 4/22/2020                                       | 10  | 1  | 31   | 42   |
| 4/23/2020                                       | 12  | 0  | 32   | 44   |
| 4/24/2020                                       | 4   | 0  | 29   | 33   |
| 4/25/2020                                       | 6   | 0  | 101  | 107  |
| 4/26/2020                                       | 12  | 0  | 57   | 69   |
| 4/27/2020                                       | 13  | 0  | 50   | 63   |



| <b>Earliest of Onset, Test or Reported Date</b> | <b>Daily Total of Sporadic COVID-19 Cases</b> | <b>Daily Total of COVID-19 Cases Linked to Community Outbreaks</b> | <b>Daily Total of COVID-19 Cases Linked to Outbreaks in Health Care Institutions</b> | <b>Daily Total of Ottawa Residents with Confirmed COVID-19</b> |
|---|---|--|--|--|
| 4/28/2020                                       | 10  | 0  | 25   | 35   |
| 4/29/2020                                       | 8   | 1  | 21   | 30   |
| 4/30/2020                                       | 12  | 0  | 14   | 26   |
| 5/01/2020                                       | 8   | 0  | 18   | 26   |
| 5/02/2020                                       | 7   | 0  | 12   | 19   |
| 5/03/2020                                       | 7   | 0  | 16   | 23   |
| 5/04/2020                                       | 5   | 0  | 13   | 18   |
| 5/05/2020                                       | 2   | 0  | 26   | 28   |
| 5/06/2020                                       | 6   | 1  | 14   | 21   |
| 5/07/2020                                       | 5   | 0  | 14   | 19   |
| 5/08/2020                                       | 2   | 0  | 7  | 9  |
| 5/09/2020                                       | 4   | 1  | 10   | 15   |
| 5/10/2020                                       | 2   | 0  | 0  | 2  |
| 5/11/2020                                       | 1   | 0  | 7  | 8  |
| 5/12/2020                                       | 0   | 0  | 9  | 9  |
| 5/13/2020                                       | 2   | 0  | 0  | 2  |



**Data Table for Figure 5**

| Week of symptom onset | Number of outbreaks in Ottawa hospitals | Number of outbreaks in other Ottawa institutions | Number of outbreaks in Ottawa retirement homes | Number of outbreaks in Ottawa long term care homes |
|-----------------------|---|--|--|--|
| Mar 15                | 1                                       | 0  | 2  | 0  |
| Mar 22                | 2                                       | 1  | 1  | 1  |
| Mar 29                | 2                                       | 0  | 0  | 1  |
| Apr 05                | 0                                       | 0  | 2  | 6  |
| Apr 12                | 2                                       | 0  | 3  | 4  |
| Apr 19                | 2                                       | 1  | 1  | 2  |
| Apr 26                | 0                                       | 0  | 4  | 3  |
| May 03                | 1                                       | 0  | 1  | 0  |
| May 10                | 0                                       | 0  | 0  | 0  |

