



COVID-19 Epidemiology Update

OTTAWA PUBLIC HEALTH. Report compiled on May 3, 2020, 11:00 am

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Ottawa Public Health (OPH) is transitioning 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. In the interim, a snapshot report will be posted until the transition is complete.

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 2, 2020 and the integrated Public Health Information System (iPHIS) as of 4:00 p.m. May 2, 2020.

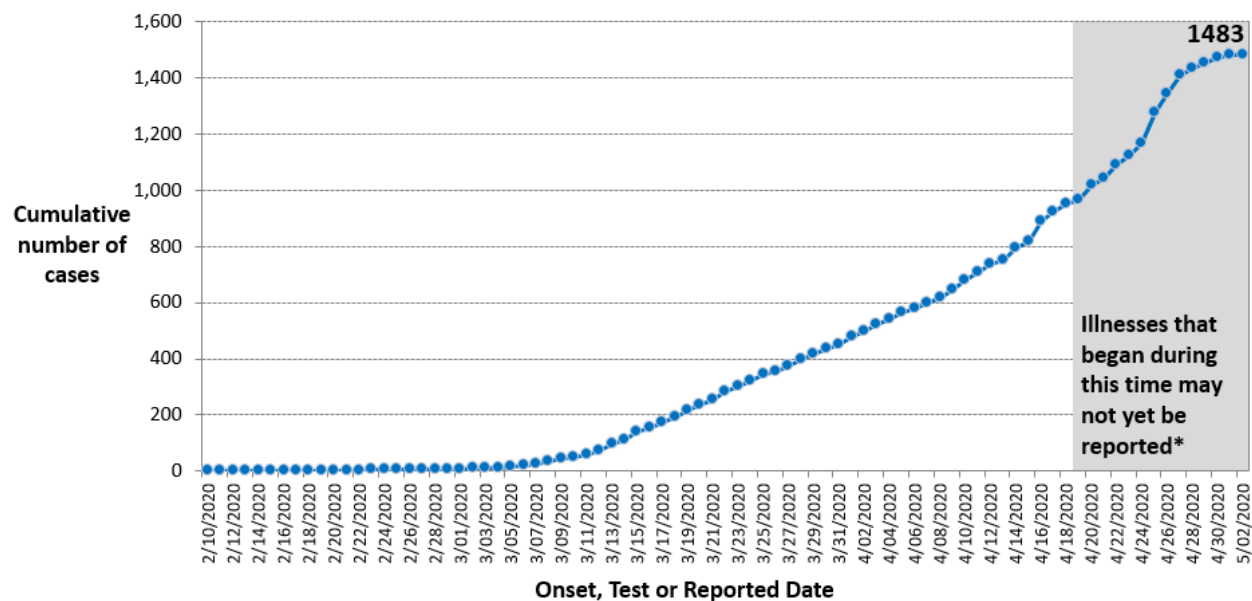
Summary

- 1,483 laboratory-confirmed cases, including 92 deaths, have been reported in Ottawa.
- This includes 63 new cases and 14 new deaths since the previous report.
- There are 22 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

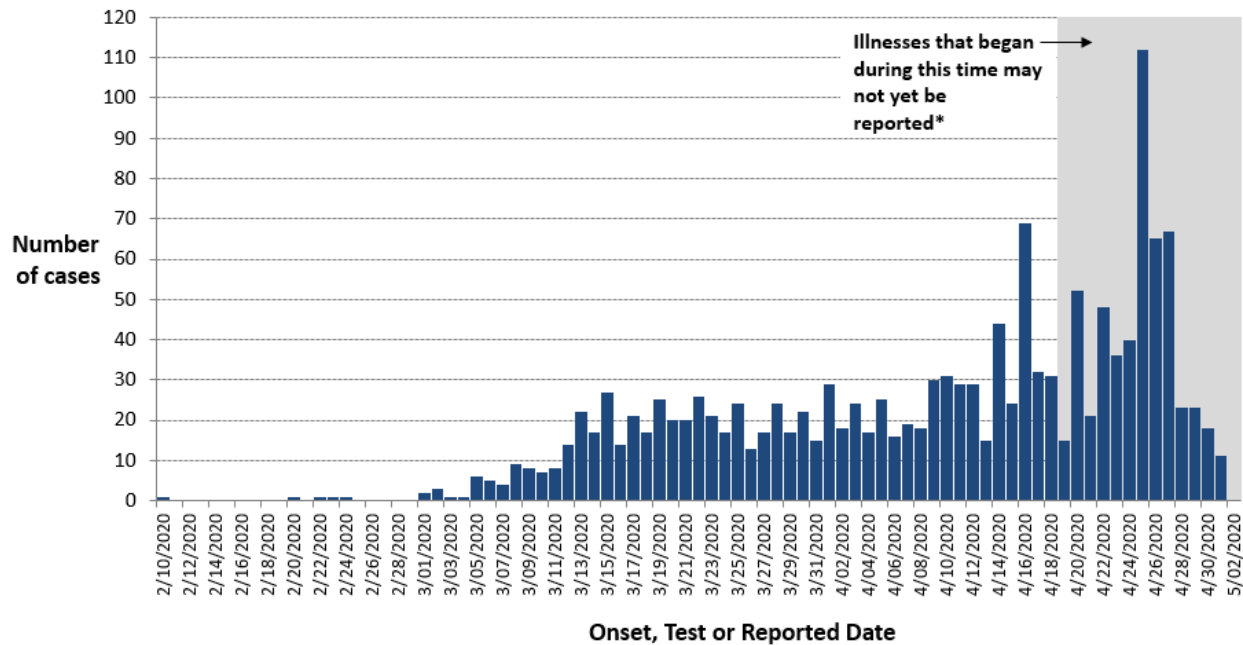


Notes:

1. Data are from Ontario Data Catalogue of confirmed positive cases of COVID19 in Ottawa downloaded 10:30 am on May 3, representing data pulled from the COD as of 2:00 p.m. on May 2 2020.
2. Five dates prior to February 2020 were inaccurate and were corrected based on case management files.
3. 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.
4. 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.
5. A patient's exposure may have occurred up to 14 days prior to onset of symptoms.
6. *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.



Figure 2. Epidemiological curve of Ottawa residents with confirmed COVID-19, by the EARLIEST of onset, test and reported date (n=1,483)



Notes:

1. Data are from Ontario Data Catalogue of confirmed positive cases of COVID19 in Ottawa downloaded 10:30am on May 3, representing data pulled from the COD as of 2:00 p.m. on May 2, 2020.
2. Five dates prior to February 2020 were inaccurate and were corrected based on case management files.
3. 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 rev.
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5. A patient’s exposure may have occurred up to 14 days prior to onset of symptoms.
6. *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.



Case Characteristics

Table 1. Age and gender of Ottawa residents with confirmed COVID-19

| Measure | Number | Percentage |
|-----------------------------|--------|-------------|
| Case count | 1,483 | - |
| Change from previous report | 63 | 4% increase |
| Age | | |
| <20 years | 48 | 3% |
| 20 to 29 years | 148 | 10% |
| 30 to 39 years | 195 | 13% |
| 40 to 49 years | 208 | 14% |
| 50 to 59 years | 216 | 15% |
| 60 to 69 years | 198 | 13% |
| 70 to 79 years | 132 | 9% |
| 80 to 89 years | 192 | 13% |
| 90+ years | 146 | 10% |
| Unknown | 0 | 0% |
| Gender | | |
| Female | 864 | 58% |
| Male | 612 | 41% |
| Unknown | 7 | <1% |

Notes:

1. Data are from Ontario Data Catalogue of confirmed positive cases of COVID19 in Ottawa downloaded 10:30 am on May 3, representing data pulled from the COD as of 2:00 p.m. on May 2, 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. Outcome of disease for Ottawa residents with confirmed COVID-19

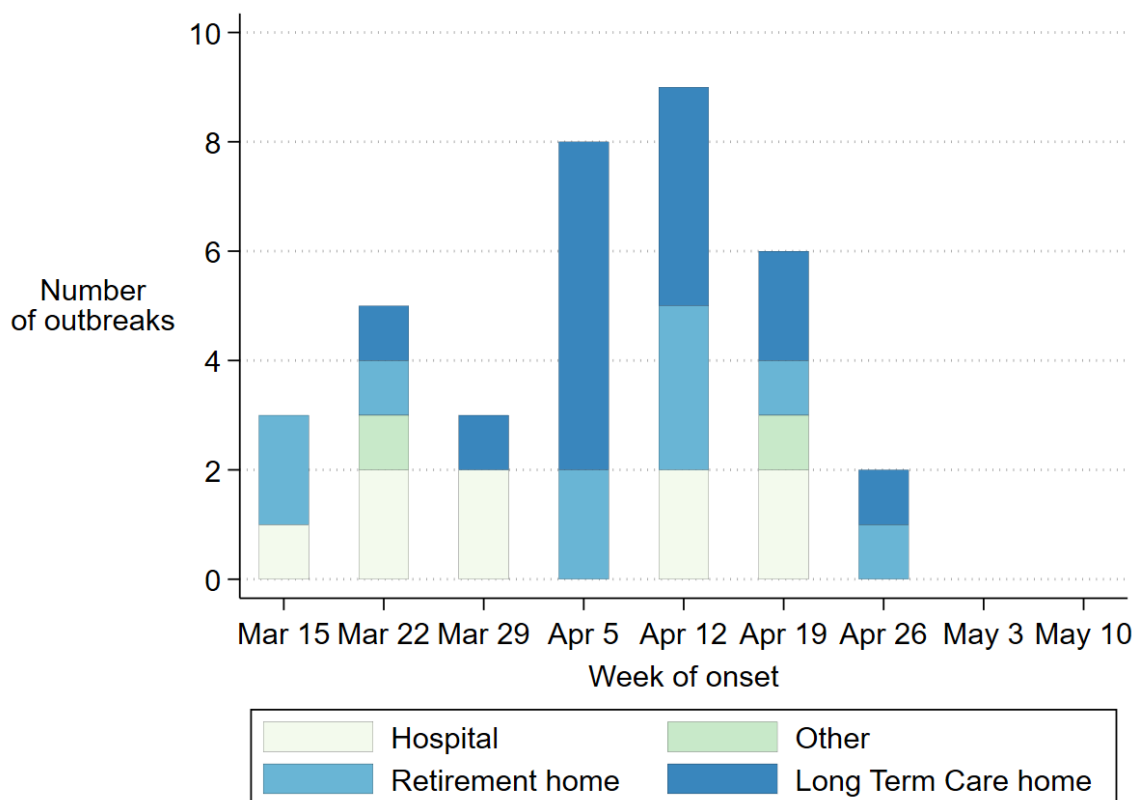
| Measure | Number | Percentage |
|-----------------------|--------------|------------|
| All cases | 1,483 | - |
| Ongoing | 561 | 38% |
| Deaths | 92 | 6% |
| Resolved ³ | 830 | 56% |

Notes:

1. Data are from Ontario Data Catalogue of confirmed positive cases of COVID19 in Ottawa downloaded 10:30 am on May 3, representing data pulled from the COD as of 2:00 p.m. on May 2, 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. 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 all previous reports that relied solely on the classification in the COD/iPHIS and increases the number classified as Resolved.

Outbreaks

Figure 3. Total number of COVID-19 outbreaks in Ottawa institutions²



Notes:



1. Data as from iPHIS as of 4:00 pm on May 1, 2020.
2. 14 outbreaks are closed and 22 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 3, representing data pulled from the Ottawa Public Health COVID-19 Ottawa Database (COD) as of 2:00 p.m. on May 2, 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 3, 2020. Ottawa (ON): Ottawa Public Health; 2020.

For further information about COVID-19 in Ottawa, visit ottawapublichealth.ca.



Data Tables

Data Table for Figures 1

| Earliest of Onset, Test or Reported Date | Cumulative Number of Ottawa Residents with Confirmed COVID-19 |
|---|--|
| 2/10/2020 | 1 |
| 2/11/2020 | 1 |
| 2/12/2020 | 1 |
| 2/13/2020 | 1 |
| 2/14/2020 | 1 |
| 2/15/2020 | 1 |
| 2/16/2020 | 1 |
| 2/17/2020 | 1 |
| 2/18/2020 | 1 |
| 2/19/2020 | 1 |
| 2/20/2020 | 2 |
| 2/21/2020 | 2 |
| 2/22/2020 | 3 |
| 2/23/2020 | 4 |
| 2/24/2020 | 5 |
| 2/25/2020 | 5 |
| 2/26/2020 | 5 |
| 2/27/2020 | 5 |
| 2/28/2020 | 5 |
| 2/29/2020 | 5 |
| 3/01/2020 | 7 |
| 3/02/2020 | 10 |
| 3/03/2020 | 11 |
| 3/04/2020 | 12 |
| 3/05/2020 | 18 |
| 3/06/2020 | 23 |
| 3/07/2020 | 27 |
| 3/08/2020 | 36 |
| 3/09/2020 | 44 |
| 3/10/2020 | 51 |



| Earliest of Onset, Test or Reported Date | Cumulative Number of Ottawa Residents with Confirmed COVID-19 |
|---|--|
| 3/11/2020 | 59 |
| 3/12/2020 | 73 |
| 3/13/2020 | 95 |
| 3/14/2020 | 112 |
| 3/15/2020 | 139 |
| 3/16/2020 | 153 |
| 3/17/2020 | 174 |
| 3/18/2020 | 191 |
| 3/19/2020 | 216 |
| 3/20/2020 | 236 |
| 3/21/2020 | 256 |
| 3/22/2020 | 282 |
| 3/23/2020 | 303 |
| 3/24/2020 | 320 |
| 3/25/2020 | 344 |
| 3/26/2020 | 357 |
| 3/27/2020 | 374 |
| 3/28/2020 | 398 |
| 3/29/2020 | 415 |
| 3/30/2020 | 437 |
| 3/31/2020 | 452 |
| 4/01/2020 | 481 |
| 4/02/2020 | 499 |
| 4/03/2020 | 523 |
| 4/04/2020 | 540 |
| 4/05/2020 | 565 |
| 4/06/2020 | 581 |
| 4/07/2020 | 600 |
| 4/08/2020 | 618 |
| 4/09/2020 | 648 |
| 4/10/2020 | 679 |
| 4/11/2020 | 708 |



| Earliest of Onset, Test or Reported Date | Cumulative Number of Ottawa Residents with Confirmed COVID-19 |
|---|--|
| 4/12/2020 | 737 |
| 4/13/2020 | 752 |
| 4/14/2020 | 796 |
| 4/15/2020 | 820 |
| 4/16/2020 | 889 |
| 4/17/2020 | 921 |
| 4/18/2020 | 952 |
| 4/19/2020 | 967 |
| 4/20/2020 | 1019 |
| 4/21/2020 | 1040 |
| 4/22/2020 | 1088 |
| 4/23/2020 | 1124 |
| 4/24/2020 | 1164 |
| 4/25/2020 | 1276 |
| 4/26/2020 | 1341 |
| 4/27/2020 | 1408 |
| 4/28/2020 | 1431 |
| 4/29/2020 | 1454 |
| 4/30/2020 | 1472 |
| 5/01/2020 | 1483 |
| 5/02/2020 | 1483 |



Data table for Figure 2

| Earliest of Onset, Test or Reported Date | Daily Total of Ottawa Residents with Confirmed COVID-19 |
|--|---|
| 2/10/2020 | 1 |
| 2/11/2020 | 0 |
| 2/12/2020 | 0 |
| 2/13/2020 | 0 |
| 2/14/2020 | 0 |
| 2/15/2020 | 0 |
| 2/16/2020 | 0 |
| 2/17/2020 | 0 |
| 2/18/2020 | 0 |
| 2/19/2020 | 0 |
| 2/20/2020 | 1 |
| 2/21/2020 | 0 |
| 2/22/2020 | 1 |
| 2/23/2020 | 1 |
| 2/24/2020 | 1 |
| 2/25/2020 | 0 |
| 2/26/2020 | 0 |
| 2/27/2020 | 0 |
| 2/28/2020 | 0 |
| 2/29/2020 | 0 |
| 3/01/2020 | 2 |
| 3/02/2020 | 3 |
| 3/03/2020 | 1 |
| 3/04/2020 | 1 |
| 3/05/2020 | 6 |
| 3/06/2020 | 5 |
| 3/07/2020 | 4 |
| 3/08/2020 | 9 |
| 3/09/2020 | 8 |
| 3/10/2020 | 7 |
| 3/11/2020 | 8 |



| Earliest of Onset, Test or Reported Date | Daily Total of Ottawa Residents with Confirmed COVID-19 |
|---|---|
| 3/12/2020 | 14 |
| 3/13/2020 | 22 |
| 3/14/2020 | 17 |
| 3/15/2020 | 27 |
| 3/16/2020 | 14 |
| 3/17/2020 | 21 |
| 3/18/2020 | 17 |
| 3/19/2020 | 25 |
| 3/20/2020 | 20 |
| 3/21/2020 | 20 |
| 3/22/2020 | 26 |
| 3/23/2020 | 21 |
| 3/24/2020 | 17 |
| 3/25/2020 | 24 |
| 3/26/2020 | 13 |
| 3/27/2020 | 17 |
| 3/28/2020 | 24 |
| 3/29/2020 | 17 |
| 3/30/2020 | 22 |
| 3/31/2020 | 15 |
| 4/01/2020 | 29 |
| 4/02/2020 | 18 |
| 4/03/2020 | 24 |
| 4/04/2020 | 17 |
| 4/05/2020 | 25 |
| 4/06/2020 | 16 |
| 4/07/2020 | 19 |
| 4/08/2020 | 18 |
| 4/09/2020 | 30 |
| 4/10/2020 | 31 |
| 4/11/2020 | 29 |
| 4/12/2020 | 29 |



| Earliest of Onset, Test or Reported Date | Daily Total of Ottawa Residents with Confirmed COVID-19 |
|---|---|
| 4/13/2020 | 15 |
| 4/14/2020 | 44 |
| 4/15/2020 | 24 |
| 4/16/2020 | 69 |
| 4/17/2020 | 32 |
| 4/18/2020 | 31 |
| 4/19/2020 | 15 |
| 4/20/2020 | 52 |
| 4/21/2020 | 21 |
| 4/22/2020 | 48 |
| 4/23/2020 | 36 |
| 4/24/2020 | 40 |
| 4/25/2020 | 112 |
| 4/26/2020 | 65 |
| 4/27/2020 | 67 |
| 4/28/2020 | 23 |
| 4/29/2020 | 23 |
| 4/30/2020 | 18 |
| 5/01/2020 | 11 |
| 5/02/2020 | 0 |



Data Table for Figure 3

| 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 long-term care/ nursing homes in Ottawa |
|-----------------------|---|--|--|--|
| 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 | 1 | 1 |
| May 03 | | | | |
| May 10 | | | | |
| May 17 | | | | |
| May 24 | | | | |
| May 31 | | | | |
| Jun 07 | | | | |
| Jun 14 | | | | |
| Jun 21 | | | | |
| Jun 28 | | | | |
| Jul 05 | | | | |
| Jul 12 | | | | |
| Jul 19 | | | | |
| Jul 26 | | | | |
| Aug 02 | | | | |
| Aug 09 | | | | |
| Aug 16 | | | | |
| Aug 23 | | | | |

