



COVID-19 Epidemiology Update

OTTAWA PUBLIC HEALTH. Report compiled on May 1, 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

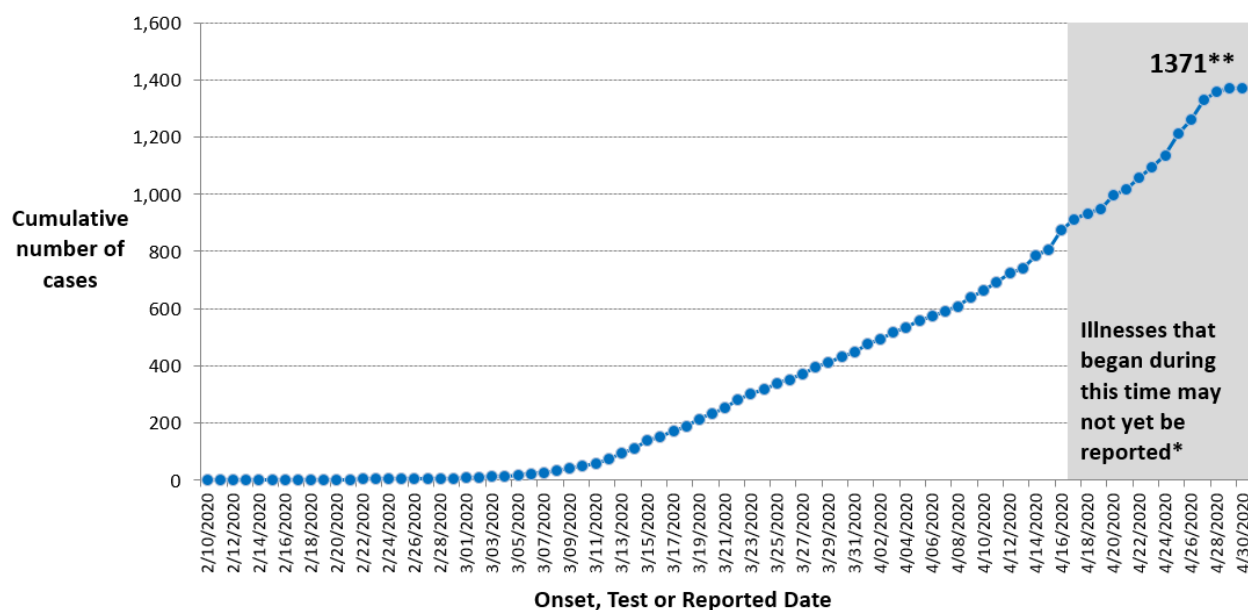
This daily report provides an epidemiologic summary of COVID-19 activity in Ottawa to date. The report includes the most current information available from the COVID-19 Ottawa Database (COD) as of 2:00pm April 30, 2020 and the integrated Public Health Information System (iPHIS) as of 4:00 p.m. April 30, 2020.

Summary

- 1,372 laboratory-confirmed cases, including 76 deaths, have been reported in Ottawa.
- This includes 75 new cases and 0 new deaths since the previous report.
- There are 25 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:

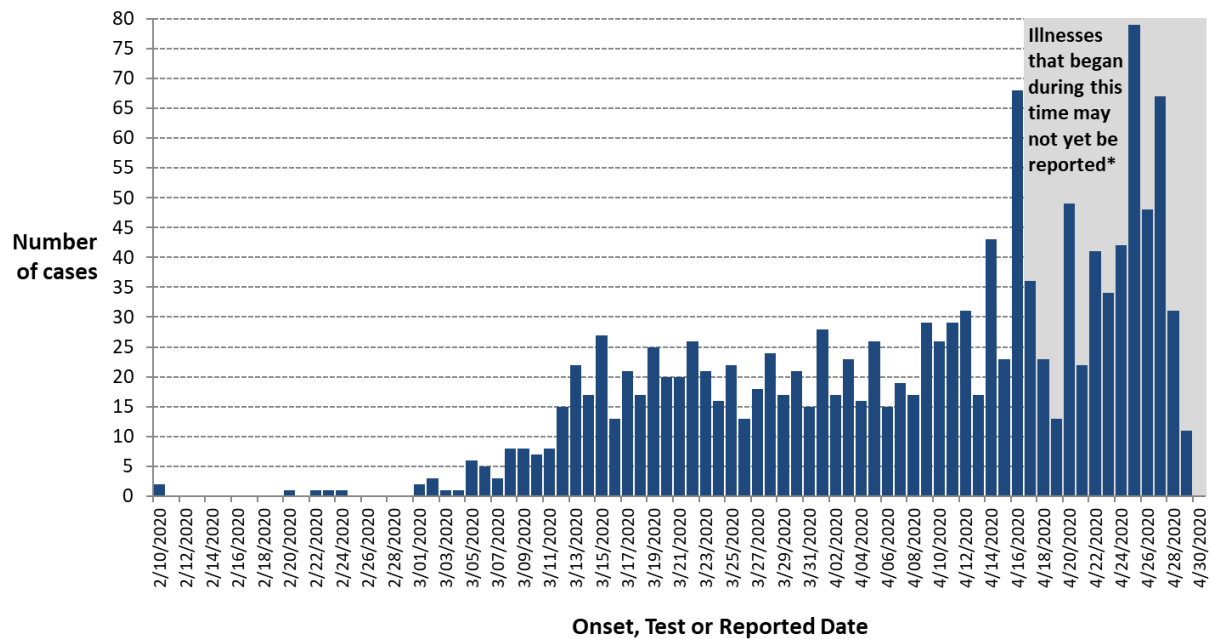
1. Data are from Ontario Data Catalogue of confirmed positive cases of COVID19 in Ottawa downloaded 10:30am on May 1, representing data pulled from the COD as of 2:00 p.m. on April 30, 2020.
2. **Four dates prior to February 2020 were inaccurate; 3 were corrected based on case management files; and one has been excluded from this figure.
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=1,371)**



Notes:

1. Data are from Ontario Data Catalogue of confirmed positive cases of COVID19 in Ottawa downloaded 10:30am on May 1, representing data pulled from the COD as of 2:00 p.m. on April 30, 2020.
2. **Four dates prior to February 2020 were inaccurate; 3 were corrected based on case management files; and one has been excluded from this figure.
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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	1,372	-
Change from previous report (April 29)	75	6% increase
Age		
<20 years	46	3%
20 to 29 years	142	10%
30 to 39 years	176	13%
40 to 49 years	192	14%
50 to 59 years	204	15%
60 to 69 years	182	13%
70 to 79 years	125	9%
80 to 89 years	177	13%
90+ years	128	9%
Unknown	0	0%
Gender		
Female	788	57%
Male	580	42%
Unknown	4	<1%

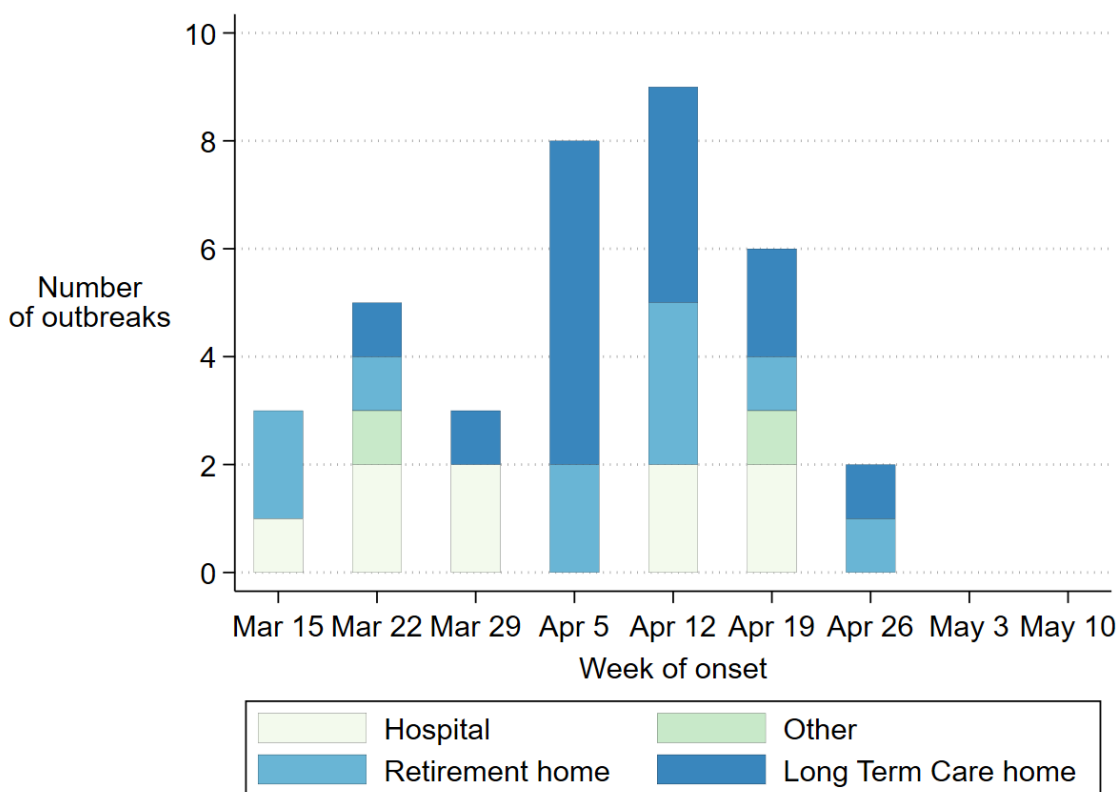
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1. Data are from Ontario Data Catalogue of confirmed positive cases of COVID19 in Ottawa downloaded 10:30am on May 1, representing data pulled from the COD as of 2:00 p.m. on April 30, 2020.
2. Confirmed cases are those with a confirmed COVID-19 laboratory 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.



Outbreaks

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



Notes:

1. Data as from iPHIS as of 4:00 pm on April 30, 2020.
2. 11 outbreaks are closed and 25 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 1, representing data pulled from the Ottawa Public Health COVID-19 Ottawa Database (COD) as of 2:00 p.m. on April 30, 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 1, 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	2
2/11/2020	2
2/12/2020	2
2/13/2020	2
2/14/2020	2
2/15/2020	2
2/16/2020	2
2/17/2020	2
2/18/2020	2
2/19/2020	2
2/20/2020	3
2/21/2020	3
2/22/2020	4
2/23/2020	5
2/24/2020	6
2/25/2020	6
2/26/2020	6
2/27/2020	6
2/28/2020	6
2/29/2020	6
3/01/2020	8
3/02/2020	11
3/03/2020	12
3/04/2020	13
3/05/2020	19
3/06/2020	24
3/07/2020	27
3/08/2020	35
3/09/2020	43
3/10/2020	50



Earliest of Onset, Test or Reported Date	Cumulative Number of Ottawa Residents with Confirmed COVID-19
3/11/2020	58
3/12/2020	73
3/13/2020	95
3/14/2020	112
3/15/2020	139
3/16/2020	152
3/17/2020	173
3/18/2020	190
3/19/2020	215
3/20/2020	235
3/21/2020	255
3/22/2020	281
3/23/2020	302
3/24/2020	318
3/25/2020	340
3/26/2020	353
3/27/2020	371
3/28/2020	395
3/29/2020	412
3/30/2020	433
3/31/2020	448
4/01/2020	476
4/02/2020	493
4/03/2020	516
4/04/2020	532
4/05/2020	558
4/06/2020	573
4/07/2020	592
4/08/2020	609
4/09/2020	638
4/10/2020	664
4/11/2020	693



Earliest of Onset, Test or Reported Date	Cumulative Number of Ottawa Residents with Confirmed COVID-19
4/12/2020	724
4/13/2020	741
4/14/2020	784
4/15/2020	807
4/16/2020	875
4/17/2020	911
4/18/2020	934
4/19/2020	947
4/20/2020	996
4/21/2020	1018
4/22/2020	1059
4/23/2020	1093
4/24/2020	1135
4/25/2020	1214
4/26/2020	1262
4/27/2020	1329
4/28/2020	1360
4/29/2020	1371
4/30/2020	1371



Data table for Figure 2

Earliest of Onset, Test or Reported Date	Daily Total of Ottawa Residents with Confirmed COVID-19
2/10/2020	2
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	3
3/08/2020	8
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	15
3/13/2020	22
3/14/2020	17
3/15/2020	27
3/16/2020	13
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	16
3/25/2020	22
3/26/2020	13
3/27/2020	18
3/28/2020	24
3/29/2020	17
3/30/2020	21
3/31/2020	15
4/01/2020	28
4/02/2020	17
4/03/2020	23
4/04/2020	16
4/05/2020	26
4/06/2020	15
4/07/2020	19
4/08/2020	17
4/09/2020	29
4/10/2020	26
4/11/2020	29
4/12/2020	31



Earliest of Onset, Test or Reported Date	Daily Total of Ottawa Residents with Confirmed COVID-19
4/13/2020	17
4/14/2020	43
4/15/2020	23
4/16/2020	68
4/17/2020	36
4/18/2020	23
4/19/2020	13
4/20/2020	49
4/21/2020	22
4/22/2020	41
4/23/2020	34
4/24/2020	42
4/25/2020	79
4/26/2020	48
4/27/2020	67
4/28/2020	31
4/29/2020	11
4/30/2020	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				

