

## Daily Epidemiologic Summary

# COVID-19 in Ontario: January 15, 2020 to February 09, 2021

This report includes the most current information available from CCM as of **February 09, 2021**.

Please visit the interactive [Ontario COVID-19 Data Tool](#) to explore recent COVID-19 data by public health unit, age group, sex, and trends over time.

A [weekly summary report](#) is available with additional information to complement the daily report.

This **daily** report provides an epidemiologic summary of recent COVID-19 activity in Ontario. The change in cases is determined by taking the cumulative difference between the current day and the previous day.

## Highlights

- There are a total of 281,566 confirmed cases of COVID-19 in Ontario reported to date.
- Compared to the previous day, this represents:
  - An increase of 1,072 confirmed cases (percent change of +4.9%)
  - An increase of 41 deaths (percent change of +141.2%)
  - An increase of 1,709 resolved cases (percent change of +23.1%)

In this document, the term 'change in cases' refers to cases publicly reported by the province for a given day. Data corrections or updates can result in case records being removed and or updated from past reports and may result in subset totals for updated case counts (i.e., age group, gender) differing from the overall updated case counts.

The term public health unit reported date in this document refers to the date local public health units were first notified of the case.

## Case Characteristics

**Table 1a. Summary of recent confirmed cases of COVID-19: Ontario**

	Change in cases February 08, 2021	Change in cases February 09, 2021	Percentage change February 09, 2021 compared to February 08, 2021	Cumulative case count as of February 09, 2021
Total number of cases	1,022	1,072	+4.9%	281,566
Number of deaths	17	41	+141.2%	6,596
Number resolved	1,388	1,709	+23.1%	261,700

**Note:** The number of cases publicly reported by the province each day may not align with case counts reported to public health on a given day; public health unit reported date refers to the date local public health was first notified of the case. Data corrections or updates can result in case records being removed and or updated from past reports.

**Data Source:** CCM

**Table 1b. Summary of recent confirmed cases of COVID-19 by age group and gender: Ontario**

	Change in cases February 08, 2021	Change in cases February 09, 2021	Cumulative case count as of February 09, 2021
Gender: Male	512	592	137,879
Gender: Female	507	467	142,028
Ages: 19 and under	119	162	36,863
Ages: 20-39	382	388	102,919
Ages: 40-59	301	298	81,415
Ages: 60-79	182	175	40,727
Ages: 80 and over	38	50	19,591

**Note:** Not all cases have a reported age or gender reported. Data corrections or updates can result in case records being removed and or updated from past reports and may result in subset totals (i.e., age group, gender) differing from past publicly reported case counts.

**Data Source:** CCM

**Table 2. Summary of recent confirmed cases of COVID-19 in school aged children by age group, August 30, 2020 to February 09, 2021: Ontario**

	Change in cases February 08, 2021	Change in cases February 09, 2021	Cumulative case count from August 30, 2020 to February 09, 2021
Ages: 4 to 8	28	27	6,024
Ages: 9 to 13	18	36	8,234
Ages: 14 to 17	32	42	8,683

**Note:** Includes all confirmed cases of COVID-19 for specified ages, regardless of school attendance. Data corrections or updates can result in case records being removed and or updated from past reports and may result in subset totals (i.e., age group) differing from past publicly reported case counts.

**Data Source:** CCM

**Table 3. Summary of recent confirmed cases of COVID-19 in long-term care homes: Ontario**

Long-term care home cases	Change in cases February 08, 2021	Change in cases February 09, 2021	Cumulative case count as of February 09, 2021
Residents	11	27	14,847
Health care workers	9	15	6,449
Deaths among residents	7	13	3,760
Deaths among health care workers	0	0	10

**Note:** Information on how long-term care home residents and health care workers are identified is available in the technical notes. Also, the change in cases in these categories may represent existing case records that have been updated.

**Data Source:** CCM

**Table 4. Summary of confirmed variant of concern (VOC) cases: Ontario**

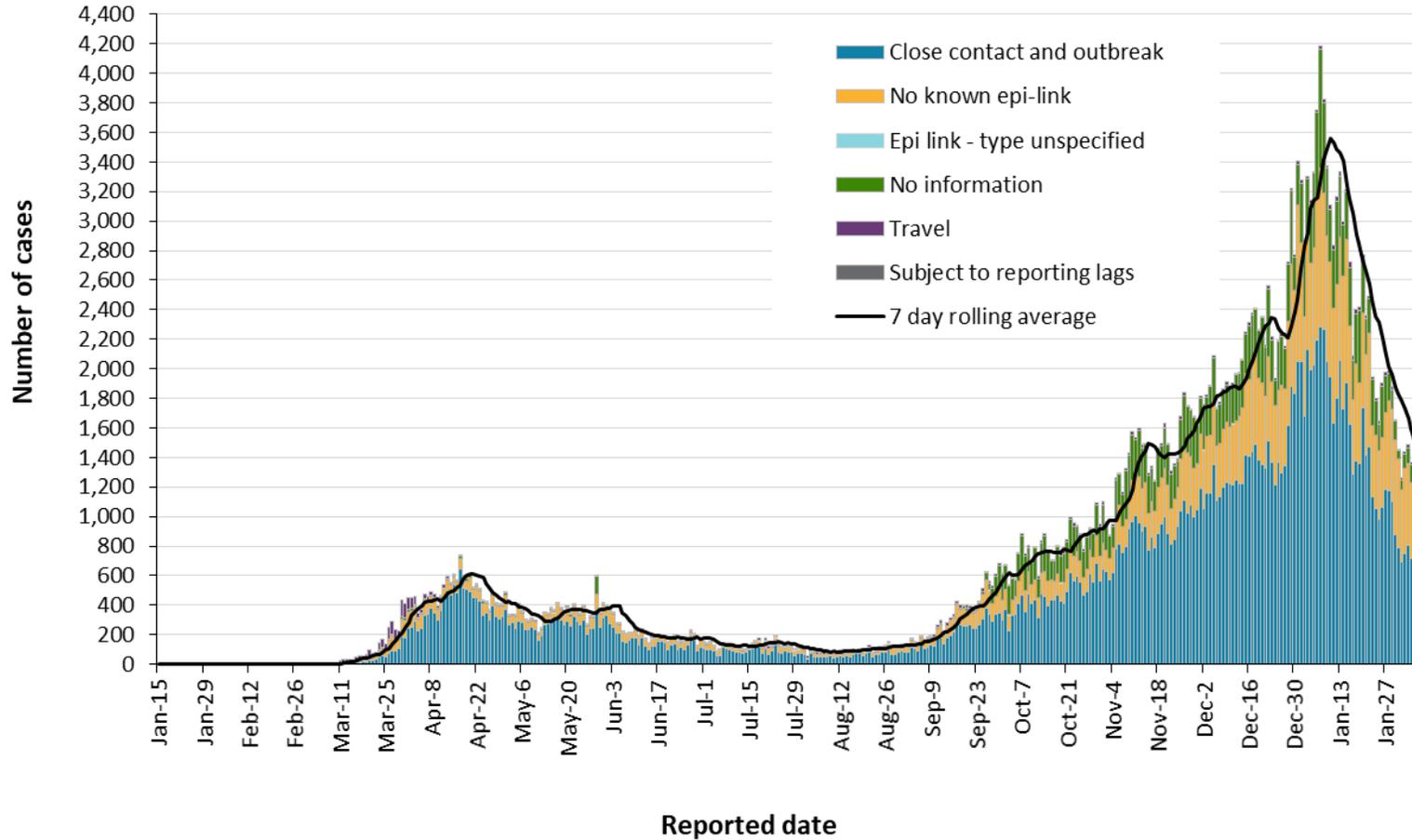
Variant	Cumulative case count up to February 09
Lineage B.1.1.7	228
Lineage B.1.351	3

**Note:** Caution should be taken when interpreting VOC data due to the nature of the screening and confirmation process, including delays between specimen collection and whole genome sequencing (WGS). A confirmed VOC case is defined as a COVID-19 case in whom a designated VOC was detected by WGS of their SARS-CoV-2 positive specimen. Data corrections or updates can result in case records being removed and/or updated and may result in totals differing from past publicly reported case counts. For a breakdown of confirmed VOC cases by PHU please see Appendix A.

**Data Source:** CCM

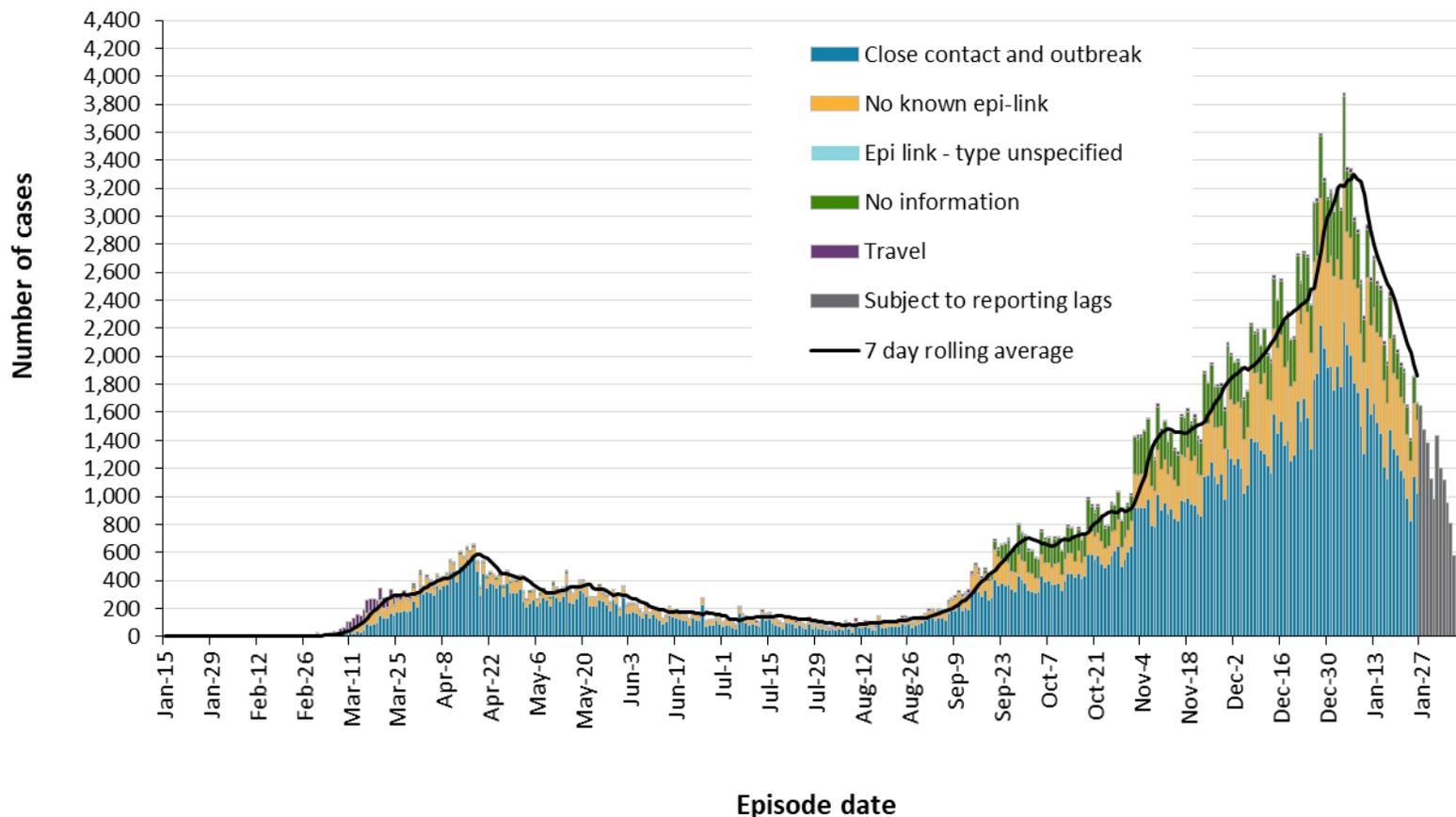
# Time

Figure 1. Confirmed cases of COVID-19 by likely acquisition and public health unit reported date: Ontario, January 15, 2020 to February 09, 2021



Data Source: CCM

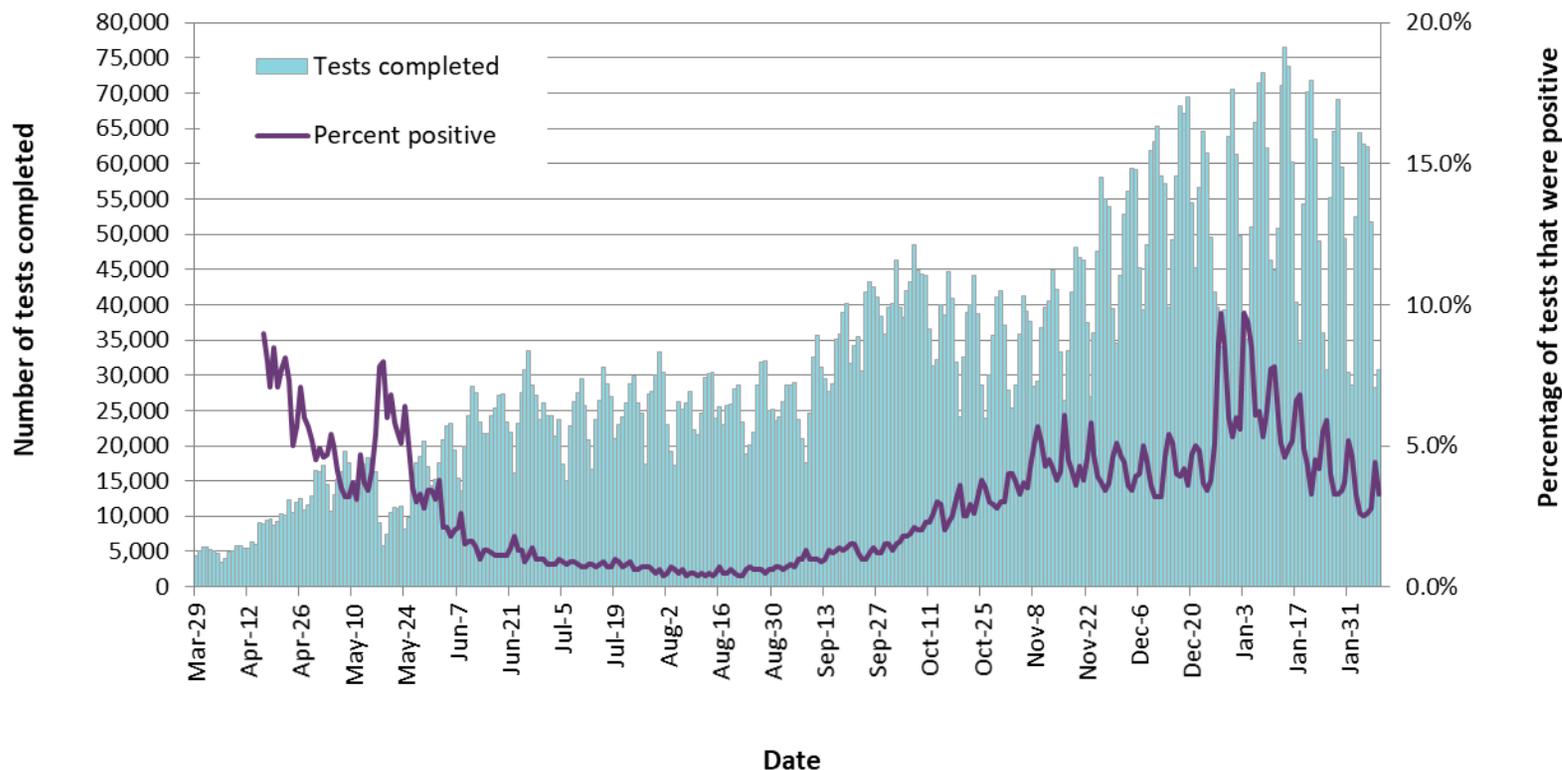
**Figure 2. Confirmed cases of COVID-19 by likely acquisition and approximation of symptom onset date: Ontario, January 15, 2020 to February 09, 2021**



**Note:** Not all cases may have an episode date and those without one are not included in the figure. Episode date is defined and available in the technical notes.

**Data Source:** CCM

**Figure 3. Number of COVID-19 tests completed and percent positivity: Ontario, March 29, 2020 to February 08, 2021**

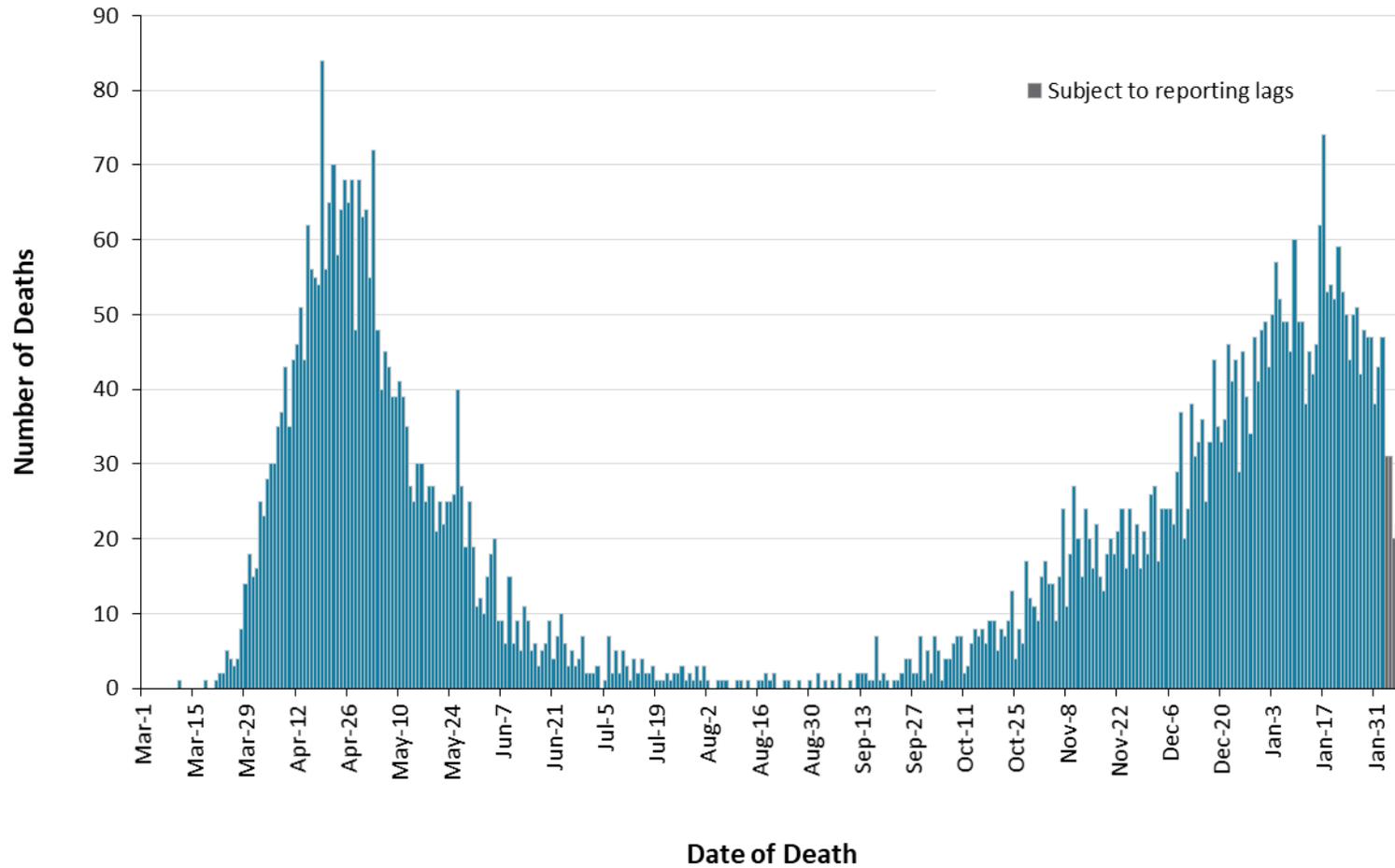


**Note:** The number of tests performed does not reflect the number of specimens or persons tested. More than one test may be performed per specimen or per person. As such, the percentage of tests that were positive does not necessarily translate to the number of specimens or persons testing positive.

**Data Source:** The Provincial COVID-19 Diagnostics Network, data reported by member microbiology laboratories.

## Severity

Figure 4. Confirmed deaths among COVID-19 cases by date of death: Ontario, March 1, 2020 to February 09, 2021



**Note:** Cases without a death date are not included in the figure.

**Data Source:** CCM

**Table 5. Confirmed cases of COVID-19 by severity: Ontario**

	Cumulative case count as of February 09, 2021	Percentage of all cases
Cumulative deaths reported (please note there may be a reporting delay for deaths)	6,596	2.3%
Deaths reported in ages: 19 and under	2	<0.1%
Deaths reported in ages: 20-39	26	<0.1%
Deaths reported in ages: 40-59	256	0.3%
Deaths reported in ages: 60-79	1,790	4.4%
Deaths reported in ages: 80 and over	4,521	23.1%
Ever in ICU	2,579	0.9%
Ever hospitalized	14,149	5.0%

**Note:** Not all cases have an age reported. Data corrections or updates can result in case records being removed and/or updated and may result in totals differing from past publicly reported case counts.

**Data Source:** CCM

## Geography

**Table 6. Summary of recent confirmed cases of COVID-19 by public health unit and region: Ontario**

Public Health Unit Name	Change in cases February 08, 2021	Change in cases February 09, 2021	Cumulative case count	Cumulative rate per 100,000 population
Northwestern Health Unit	0	0	278	317.1
Thunder Bay District Health Unit	0	7	1,069	712.9
<b>TOTAL NORTH WEST</b>	0	7	1,347	566.8
Algoma Public Health	3	2	186	162.5
North Bay Parry Sound District Health Unit	13	7	216	166.5
Porcupine Health Unit	0	5	299	358.3
Public Health Sudbury & Districts	2	2	554	278.4
Timiskaming Health Unit	1	0	91	278.4
<b>TOTAL NORTH EAST</b>	19	16	1,346	240.6
Ottawa Public Health	25	40	13,749	1,303.6
Eastern Ontario Health Unit	1	2	2,533	1,213.6
Hastings Prince Edward Public Health	0	4	368	218.4
Kingston, Frontenac and Lennox & Addington Public Health	4	2	672	315.9
Leeds, Grenville & Lanark District Health Unit	0	1	822	474.7
Renfrew County and District Health Unit	0	0	305	280.8

Public Health Unit Name	Change in cases February 08, 2021	Change in cases February 09, 2021	Cumulative case count	Cumulative rate per 100,000 population
<b>TOTAL EASTERN</b>	30	49	18,449	957.7
Durham Region Health Department	25	21	11,127	1,561.9
Haliburton, Kawartha, Pine Ridge District Health Unit	13	4	941	498.0
Peel Public Health	250	196	57,175	3,560.2
Peterborough Public Health	0	2	561	379.1
Simcoe Muskoka District Health Unit	23	29	5,865	978.2
York Region Public Health	128	125	26,667	2,175.5
<b>TOTAL CENTRAL EAST</b>	439	377	102,336	2,284.0
Toronto Public Health	343	393	88,512	2,836.6
<b>TOTAL TORONTO</b>	343	393	88,512	2,836.6
Chatham-Kent Public Health	9	16	1,320	1,241.6
Grey Bruce Health Unit	2	0	658	387.3
Huron Perth Public Health	1	5	1,279	915.2
Lambton Public Health	1	8	1,885	1,439.3
Middlesex-London Health Unit	24	22	5,940	1,170.4
Southwestern Public Health	4	4	2,397	1,133.3
Windsor-Essex County Health Unit	16	24	12,393	2,917.2
<b>TOTAL SOUTH WEST</b>	57	79	25,872	1,530.2
Brant County Health Unit	5	11	1,566	1,009.0

Public Health Unit Name	Change in cases February 08, 2021	Change in cases February 09, 2021	Cumulative case count	Cumulative rate per 100,000 population
City of Hamilton Public Health Services	12	28	9,666	1,632.3
Haldimand-Norfolk Health Unit	4	4	1,326	1,162.3
Halton Region Public Health	42	28	8,573	1,384.8
Niagara Region Public Health	18	19	8,247	1,745.5
Region of Waterloo Public Health and Emergency Services	41	47	9,874	1,689.7
Wellington-Dufferin-Guelph Public Health	12	14	4,452	1,427.3
<b>TOTAL CENTRAL WEST</b>	<b>134</b>	<b>151</b>	<b>43,704</b>	<b>1,533.9</b>
<b>TOTAL ONTARIO</b>	<b>1,022</b>	<b>1,072</b>	<b>281,566</b>	<b>1,894.2</b>

**Notes:** Health units with data corrections or updates could result in records being removed from totals resulting in negative counts.

**Data Source:** CCM

## Outbreaks

**Table 7. Summary of recent confirmed COVID-19 outbreaks reported in long-term care homes, retirement homes and hospitals by status: Ontario**

Institution type	Change in outbreaks February 08, 2021	Change in outbreaks February 09, 2021	Number of ongoing outbreaks	Cumulative number of outbreaks reported
Long-term care homes	2	-1	208	1,223
Retirement homes	5	1	109	703
Hospitals	2	1	59	383

**Note:** Ongoing outbreaks include all outbreaks that are 'Open' in CCM without a 'Declared Over Date' recorded, or where the outbreak started more than five months ago, even for outbreaks where the Outbreak Status value selected in CCM is 'OPEN'. The start of the outbreak is determined by the onset date of first case, or if missing the outbreak reported date, or else if that is also missing, then the outbreak created date.

**Data Source:** CCM

# Technical Notes

## Data Sources

- The data for this report were based on information successfully extracted from the Public Health Case and Contact Management Solution (CCM) for all PHUs by PHO as of **February 09, 2021 at 1 p.m.**
- CCM is a dynamic disease reporting system, which allows ongoing updates to data previously entered. As a result, data extracted from CCM represent a snapshot at the time of extraction and may differ from previous or subsequent reports.
- Ontario population projection data for 2020 were sourced from Ministry, IntelliHEALTH Ontario. Data were extracted on November 26, 2019.
- COVID-19 test data were based on information from The Provincial COVID-19 Diagnostics Network, reported by member microbiology laboratories.

## Data Caveats

- The data only represent cases reported to public health units and recorded in CCM. 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.
- Lags in CCM data entry due to weekend staffing may result in lower case counts than would otherwise be recorded.
- Only cases meeting the confirmed case classification as listed in the MOH [COVID-19 case definition](#) are included in the report counts from CCM. This includes persons with a positive detection of serum/plasma immunoglobulin G (IgG) antibodies to SARS-CoV-2, which was added to the confirmed case definition on August 6, 2020.
- Cases of confirmed reinfection, i.e. where genome sequencing indicates the two episodes are caused by different viral lineages, added to the confirmed case definition on November 20, 2020, are counted as unique investigations.
- The number of tests performed does not reflect the number of specimens or persons tested. More than one test may be performed per specimen or per person. As such, the percentage of tests that were positive does not necessarily translate to the number of specimens or persons testing positive.
- Reported date is the date the case was reported to the public health unit.
- 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 the public health unit.

- Resolved cases are determined only for COVID-19 cases that have not died. Cases that have died are considered fatal and not resolved. The following cases are classified as resolved:
  - Cases that are reported as ‘recovered’ in CCM
  - Cases that are not hospitalized and are 14 days past their episode date
  - Cases that are currently hospitalized (no hospital end date entered) and have a status of ‘closed’ in CCM (indicating public health unit follow-up is complete) and are 14 days past their symptom onset date or specimen collection date
- Hospitalization includes all cases for which a hospital admission date was reported at the time of data extraction. It includes cases that have been discharged from hospital as well as cases that are currently hospitalized. Emergency room visits are not included in the number of reported hospitalizations.
- ICU admission includes all cases for which an ICU admission date was reported at the time of data extraction. It is a subset of the count of hospitalized cases. It includes cases that have been treated or that are currently being treated in an ICU.
- 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-PHO (to signify a case that is not a resident of Ontario) have been excluded from the analyses.
- Likely source of acquisition is determined by examining the epidemiologic link and epidemiologic link status fields in CCM. If no epidemiologic link is identified in those fields the risk factor fields are examined to determine whether a case travelled, was associated with a confirmed outbreak, was a contact of a case, had no known epidemiological link (sporadic community transmission) or was reported to have an unknown source/no information was reported. Some cases may have no information reported if the case is untraceable, was lost to follow-up or referred to FNIHB. Cases with multiple risk factors were assigned to a single likely acquisition source group which was determined hierarchically in the following order:
  - For cases with an episode date *on or after* April 1, 2020: Outbreak-associated > close contact of a confirmed case > travel > no known epidemiological link > information missing or unknown
  - For cases with an episode date *before* April 1, 2020: Travel > outbreak-associated > close contact of a confirmed case > no known epidemiological link > information missing or unknown
- Deaths are determined by using the outcome field in CCM. Any case marked ‘Fatal’ is included in the deaths data. The CCM field Type of Death is not used to further categorize the data.
  - The date of death is determined using the outcome date field for cases marked as ‘Fatal’ in the outcome field.
- COVID-19 cases from CCM for which the Classification and/or Disposition was reported as ENTERED IN ERROR, DOES NOT MEET DEFINITION, IGNORE, DUPLICATE, or any variation on

these values have been excluded. The provincial case count for COVID-19 includes cases that are counted once across all systems from which the case data are obtained. Duplicate records may exist if these records were not identified and resolved prior to data upload to the Ministry.

- Ongoing outbreaks include all outbreaks that are 'Open' in CCM without a 'Declared Over Date' recorded, or where the outbreak started more than five months ago, even for outbreaks where the Outbreak Status value selected in CCM is 'OPEN'. The start of the outbreak is determined by the onset date of first case, or if missing the outbreak reported date, or else if that is also missing, then the outbreak created date.
- 'Long-term care home residents' includes cases that reported 'Yes' to the risk factor 'Resident of a long-term care home'; or 'Yes' to the risk factor 'Resident of nursing home or other chronic care facility' and reported to be part of an outbreak assigned as a long-term care home (via the Outbreak number or case comments field); or were reported to be part of an outbreak assigned as a long-term care home (via the outbreak number or case comments field) with an age over 70 years and did not report 'No' to the risk factors 'Resident of long-term care home' or 'Resident of nursing home or other chronic care facility'. 'Long-term care home residents' excludes cases that reported 'Yes' to any of the health care worker occupational risk factors.
- The 'health care workers' variable includes cases that reported 'Yes' to any of the occupation of health care worker, doctor, nurse, dentist, dental hygienist, midwife, other medical technicians, personal support worker, respiratory therapist, first responder.
- 'Health care workers associated with long-term care outbreaks' includes 'health care workers' reported to be part of an outbreak assigned as a long-term care home (via the outbreak number or case comments field). Excludes cases that reported 'Yes' to risk factors 'Resident of long-term care home' or 'Resident of nursing home or other chronic care facility' and 'Yes' to the calculated 'health care workers' variable.
- Percent change is calculated by taking the difference between the current period (i.e., daily count or sum of the daily count over a 7-day period) and previous period (i.e., daily count or sum of the daily count over a 7-day period), divided by the previous period.
- PANGO lineage B.1.1.7: This lineage was first detected in England in September, 2020. Early evidence suggests that the N501Y mutation may increase SARS-CoV-2 transmissibility. The PANGO lineage B.1.1.7 is assigned to genome sequences with at least 5 of the 17 defining B.1.1.7 SNPs.
- PANGO lineage B.1.351 (also known as 501Y.V2): This lineage was first detected October, 2020 in South Africa and has several mutations of concern, including spike (S) gene: N501Y, K417N, and E484K. Early evidence suggests that these mutations may increase SARS-CoV-2 transmissibility and decrease vaccine efficacy. The PANGO lineage B.1.351 will be assigned to genome sequences at least 5 of the 9 defining B.1.351 SNPs.
- Public Health Ontario conducts variants of concern (VOC) surveillance on a subset of SARS-CoV-2 positive specimens. Additional SARS-CoV-2 specimens are referred to PHO Laboratory for screening provided they meet the criteria outlined here:  
<https://www.publichealthontario.ca/en/laboratory-services/test-information-index/covid-19-voc>

## Appendix A

**Table A1. Weekly rates of confirmed COVID-19 cases per 100,000 population over recent rolling 7-day periods, by reported date and public health unit: Ontario, January 25 to February 06, 2021**

Public Health Unit Name	Jan 25 to Jan 31	Jan 26 to Feb 01	Jan 27 to Feb 02	Jan 28 to Feb 03	Jan 29 to Feb 04	Jan 30 to Feb 05	Jan 31 to Feb 06	% change from Jan 25-Jan 31 to Jan 31-Feb 06
<b>NORTH WEST</b>								
Northwestern Health Unit	13.7	11.4	13.7	13.7	9.1	19.4	19.4	+41.6%
Thunder Bay District Health Unit	81.4	85.4	83.4	68.7	56.0	63.4	60.7	-25.4%
<b>NORTH EAST</b>								
Algoma Public Health	14.9	17.5	20.1	17.5	12.2	13.1	14.0	-6.0%
North Bay Parry Sound District Health Unit	4.6	3.1	4.6	5.4	4.6	4.6	5.4	+17.4%
Porcupine Health Unit	62.3	61.1	55.1	41.9	31.2	31.2	22.8	-63.4%
Public Health Sudbury & Districts	29.1	23.1	21.1	16.1	12.1	14.1	14.1	-51.5%
Timiskaming Health Unit	3.1	3.1	6.1	6.1	9.2	6.1	6.1	+96.8%
<b>EASTERN</b>								
Ottawa Public Health	36.6	36.7	35.3	33.1	31.6	31.8	33.6	-8.2%
Eastern Ontario Health Unit	60.8	56.5	50.8	48.9	45.0	38.8	36.4	-40.1%
Hastings Prince Edward Public Health	1.2	1.8	2.4	1.8	2.4	2.4	3.0	+150.0%
Kingston, Frontenac and Lennox & Addington Public Health	3.3	4.7	4.7	3.3	3.3	4.2	4.7	+42.4%

Public Health Unit Name	Jan 25 to Jan 31	Jan 26 to Feb 01	Jan 27 to Feb 02	Jan 28 to Feb 03	Jan 29 to Feb 04	Jan 30 to Feb 05	Jan 31 to Feb 06	% change from Jan 25-Jan 31 to Jan 31-Feb 06
Leeds, Grenville & Lanark District Health Unit	17.3	18.5	16.2	13.3	12.1	8.7	8.7	-49.7%
Renfrew County and District Health Unit	4.6	4.6	5.5	6.4	4.6	2.8	4.6	N/A
<b>CENTRAL EAST</b>								
Durham Region Health Department	67.7	64.9	63.0	60.5	55.2	51.2	50.5	-25.4%
Haliburton, Kawartha, Pine Ridge District Health Unit	28.1	26.5	27.0	37.6	36.0	32.8	33.9	+20.6%
Peel Public Health	143.8	138.4	136.7	133.9	126.5	123.9	121.1	-15.8%
Peterborough Public Health	20.9	20.9	18.2	15.5	12.8	12.8	10.1	-51.7%
Simcoe Muskoka District Health Unit	51.2	50.9	51.2	53.2	48.4	45.9	47.4	-7.4%
York Region Public Health	95.1	92.3	85.9	81.0	76.9	73.2	72.4	-23.9%
<b>TORONTO</b>								
Toronto Public Health	134.0	133.0	129.0	123.2	117.6	111.6	103.0	-23.1%
<b>SOUTH WEST</b>								
Chatham-Kent Public Health	108.2	98.8	92.2	94.1	91.2	74.3	78.1	-27.8%
Grey Bruce Health Unit	14.1	17.1	16.5	13.5	12.4	11.8	9.4	-33.3%
Huron Perth Public Health	37.2	35.1	30.1	28.6	32.2	32.2	31.5	-15.3%
Lambton Public Health	44.3	41.2	40.5	32.8	27.5	30.5	28.3	-36.1%
Middlesex-London Health Unit	45.7	45.5	45.7	41.4	38.6	38.4	37.6	-17.7%

Public Health Unit Name	Jan 25 to Jan 31	Jan 26 to Feb 01	Jan 27 to Feb 02	Jan 28 to Feb 03	Jan 29 to Feb 04	Jan 30 to Feb 05	Jan 31 to Feb 06	% change from Jan 25-Jan 31 to Jan 31-Feb 06
Southwestern Public Health	40.2	38.8	39.7	33.1	39.7	40.7	40.2	N/A
Windsor-Essex County Health Unit	85.0	76.0	72.0	65.0	62.4	58.8	50.1	-41.1%
<b>CENTRAL WEST</b>								
Brant County Health Unit	34.8	29.0	23.8	32.2	29.6	32.2	42.5	+22.1%
City of Hamilton Public Health Services	78.2	75.5	73.1	68.2	66.0	67.0	68.2	-12.8%
Haldimand-Norfolk Health Unit	33.3	34.2	37.7	35.1	35.9	30.7	29.8	-10.5%
Halton Region Public Health	58.3	56.2	53.1	60.7	62.7	62.7	61.1	+4.8%
Niagara Region Public Health	119.6	113.7	101.8	87.0	82.3	76.0	63.7	-46.7%
Region of Waterloo Public Health and Emergency Services	77.0	69.0	62.1	65.0	58.0	60.2	57.5	-25.3%
Wellington-Dufferin-Guelph Public Health	92.7	82.1	75.0	66.7	54.8	48.1	47.4	-48.9%
<b>TOTAL ONTARIO</b>	<b>84.1</b>	<b>81.5</b>	<b>78.4</b>	<b>75.1</b>	<b>71.0</b>	<b>68.4</b>	<b>65.6</b>	<b>-22.0%</b>

**Note:** Rates are based on the sum of the daily case counts during the date ranges specified in each column.

**Data Source:** CCM

**Table A2. Summary of confirmed variant of concern (VOC) cases by public health unit: Ontario as of February 09, 2021**

Public Health Unit Name	Cumulative count for Lineage B.1.1.7	Cumulative count for Lineage B.1.351
Algoma Public Health	0	0
Brant County Health Unit	0	0
Chatham-Kent Public Health	0	0
City of Hamilton Public Health Services	0	0
Durham Region Health Department	11	0
Eastern Ontario Health Unit	0	0
Grey Bruce Health Unit	0	0
Haldimand-Norfolk Health Unit	1	0
Haliburton, Kawartha, Pine Ridge District Health Unit	0	0
Halton Region Public Health	1	0
Hastings Prince Edward Public Health	0	0
Huron Perth Public Health	0	0
Kingston, Frontenac and Lennox & Addington Public Health	1	0
Lambton Public Health	0	0
Leeds, Grenville & Lanark District Health Unit	0	0
Middlesex-London Health Unit	4	0
Niagara Region Public Health	0	0

Public Health Unit Name	Cumulative count for Lineage B.1.1.7	Cumulative count for Lineage B.1.351
North Bay Parry Sound District Health Unit	0	0
Northwestern Health Unit	0	0
Ottawa Public Health	6	1
Peel Public Health	21	2
Peterborough Public Health	0	0
Porcupine Health Unit	0	0
Public Health Sudbury & Districts	3	0
Region of Waterloo Public Health and Emergency Services	1	0
Renfrew County and District Health Unit	0	0
Simcoe Muskoka District Health Unit	130	0
Southwestern Public Health	0	0
Thunder Bay District Health Unit	0	0
Timiskaming Health Unit	0	0
Toronto Public Health	29	0
Wellington-Dufferin-Guelph Public Health	0	0
Windsor-Essex County Health Unit	0	0
York Region Public Health	20	0
<b>TOTAL ONTARIO</b>	<b>228</b>	<b>3</b>

**Note:** Caution should be taken when interpreting VOC data due to the nature of the screening and confirmation process, including delays between specimen collection and whole genome sequencing

(WGS). A confirmed VOC case is defined as a COVID-19 case in whom a designated VOC was detected by WGS of their SARS-CoV-2 positive specimen. Data corrections or updates can result in case records being removed and/or updated and may result in totals differing from past publicly reported case counts.

**Data Source:** CCM

## Disclaimer

This document was developed by Public Health Ontario (PHO). PHO provides scientific and technical advice to Ontario's government, public health organizations and health care providers. PHO's work is guided by the current best available evidence at the time of publication.

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## For Further Information

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## Public Health Ontario

Public Health Ontario is an agency of the Government of Ontario dedicated to protecting and promoting the health of all Ontarians and reducing inequities in health. Public Health Ontario links public health practitioners, front-line health workers and researchers to the best scientific intelligence and knowledge from around the world.

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