

## WEEKLY EPIDEMIOLOGICAL SUMMARY

# COVID-19 in Ontario: Focus on July 24, 2022 to July 30, 2022 (Week 30)

**Published: August 4, 2022**

Figures and tables in this report present the most recent 52 weeks of data for Ontario, ranging from **August 1, 2021 to July 30, 2022**. This report includes the most current information available from the Public Health Case and Contact Management Solution (CCM), unless otherwise specified.

Interpretation notes:

- Testing and case, contact, and outbreak management in Ontario was restricted to high-risk populations and settings in January 2022. Counts in this report are an underestimate of the extent of COVID-19 activity in Ontario.
- Observed trends over time should be interpreted with caution for the most recent period due to reporting and/or data entry lags.
- Severe outcomes are a lagging indicator, meaning that severe outcomes often occur after (e.g. days or weeks) cases are initially reported to public health. As such, counts for severe outcomes in more recent reporting periods may increase as more outcomes are reported.

Please visit the interactive [Ontario COVID-19 Data Tool](#) to explore COVID-19 data from the entire pandemic (i.e. February 2020 onward) by public health unit, age group, sex, and trends over time.

# Highlights

## Case Trends and Percent Positivity

- **Weekly case numbers are lower than last week among those eligible for testing:** The number of reported cases in Ontario decreased to 10,982 this week, compared to 12,092 last week.
  - Case rates decreased in 22 of Ontario's 34 public health units. Case rates decreased in all 7 regions of Ontario, with decreases ranging from 1% in Central West to 27% in North East compared to last week. Despite rates decreasing in the North West, this region continues to report the highest case rates.
  - Case rates decreased in all age groups except 12-19 year-olds, however rates remain low in this age group. The highest case rates continue to be observed in the 80 years and older age group.
- **Percent positivity is similar and testing volumes are lower compared to last week:** Percent positivity was 14.2% this week, compared to 14.8% last week. Percent positivity has plateaued between 14% and 15% for three consecutive weeks. Testing volume was 75,040 tests this week, compared to 81,894 tests last week.

## Severity

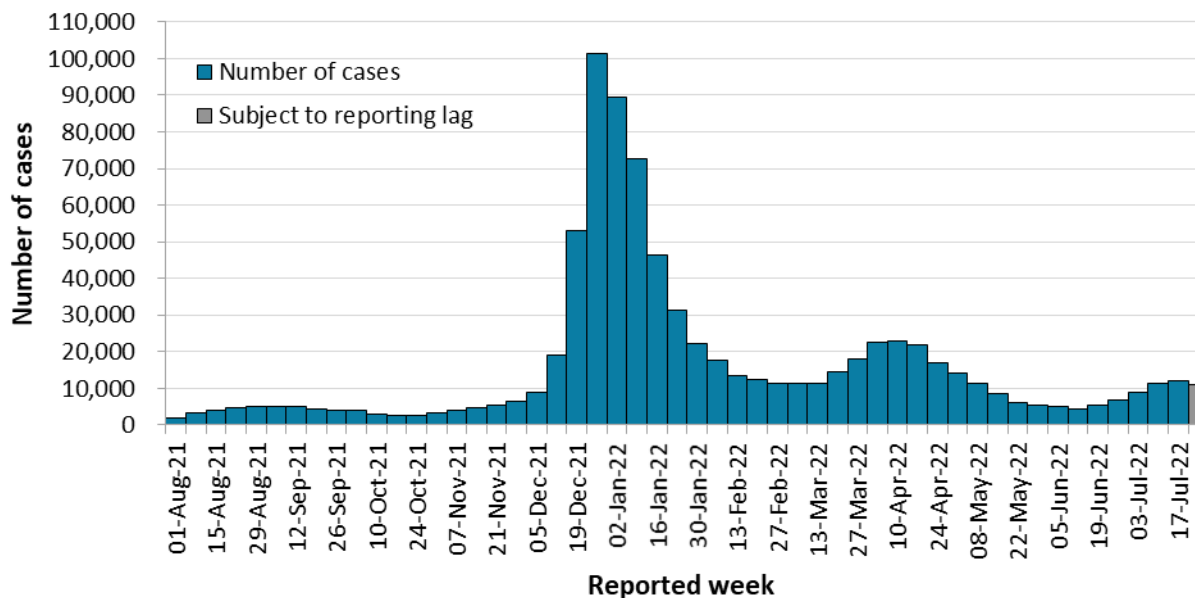
- **Hospital admissions and deaths decreased this week:** Hospital admissions decreased to 306 this week, from 463 last week, continuing a week-over-week decrease that started last week. There were 46 deaths reported this week, down from 75 the week before. The number of severe outcomes reported in future weeks may increase, as these outcomes are lagging indicators. Individuals 80 years and older continue to have much higher rates of hospitalizations and deaths compared to all other age groups.

## Outbreaks

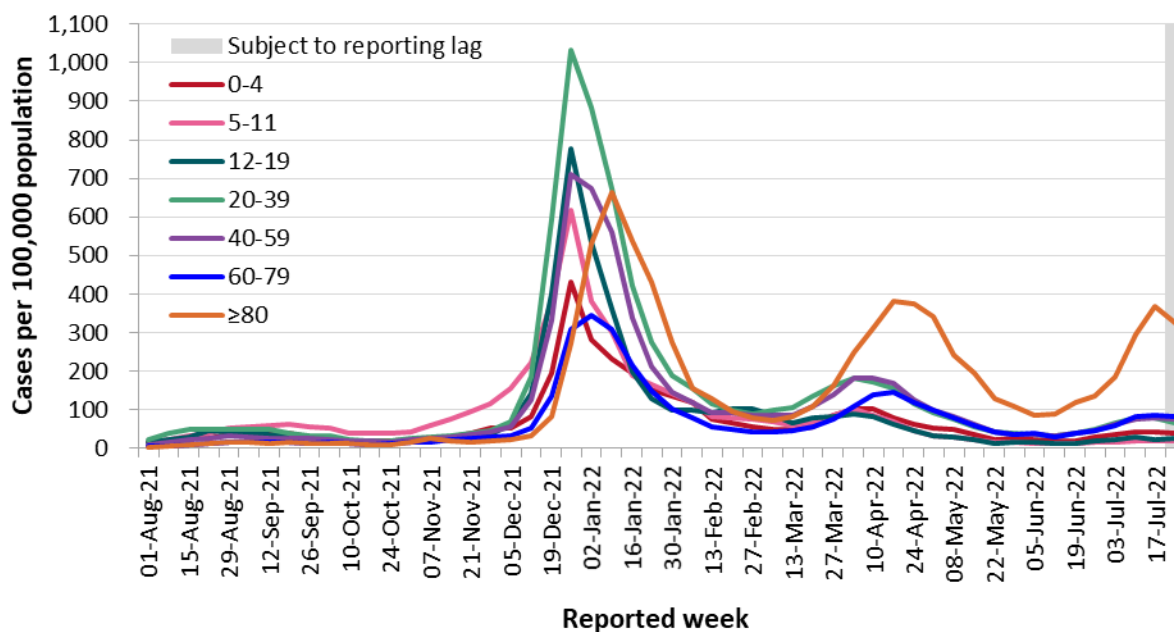
- **Outbreaks in high-risk settings decreased:** The total number of outbreaks in high-risk settings was 193 this week, down from 216 last week. Fewer outbreaks were reported this week compared to last week in hospitals (35% decrease), long-term care homes (16% decrease), and group homes/supportive housing (7% decrease). More outbreaks were reported in retirement homes (19% increase). Correctional facilities, and shelters reported a similar number of outbreaks this week compared to last week.
- **Outbreak-associated cases in high-risk settings decreased:** There were 2,269 outbreak-associated cases reported this week compared to 3,016 last week. Cases declined the most in hospitals (46% decrease), shelters (33% decrease) and long-term care homes (27% decrease).

## Cases

**Figure 1a. Confirmed cases of COVID-19, by reported week**



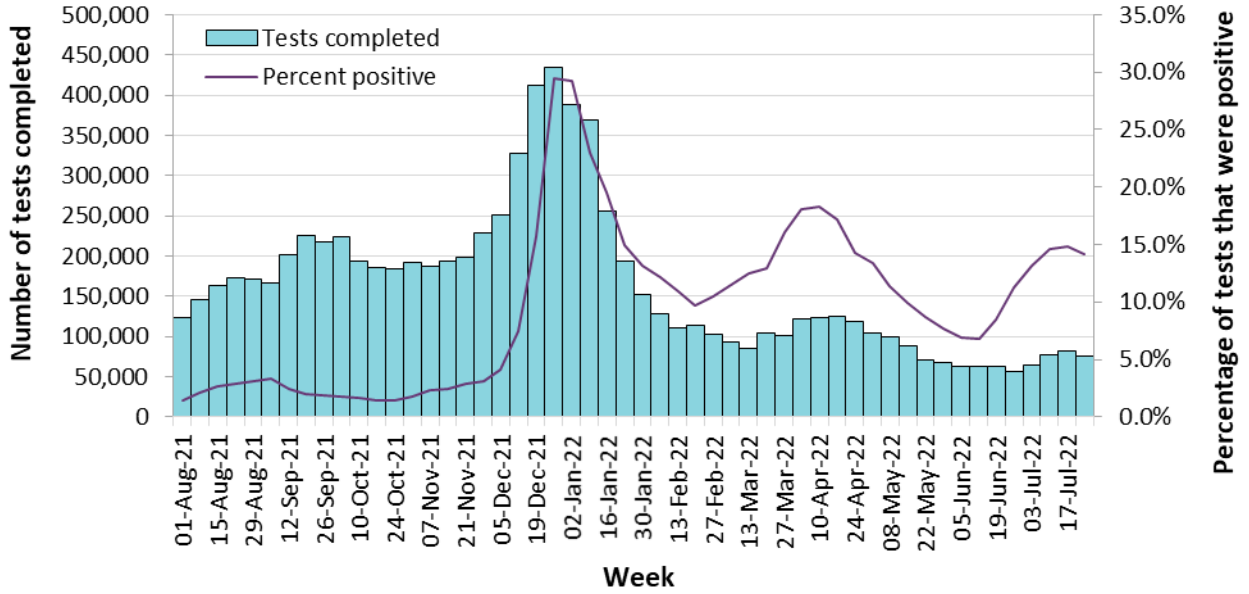
**Figure 1b. Confirmed cases of COVID-19 (per 100,000 population), by age group and reported week**



**Note:** Not all cases have an age reported.

# Testing

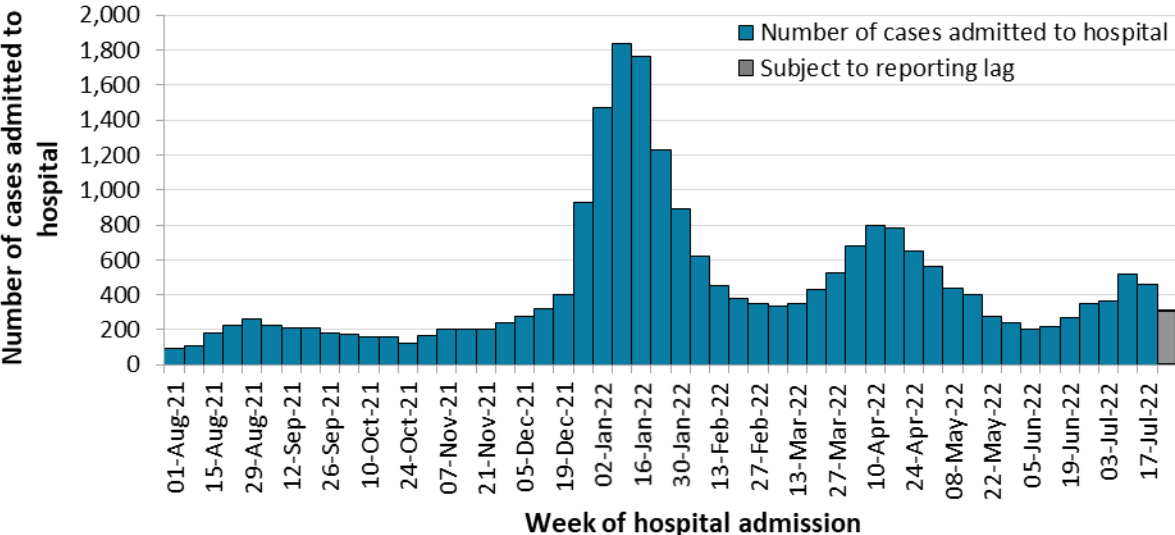
**Figure 2. Weekly COVID-19 tests completed and percent positivity**



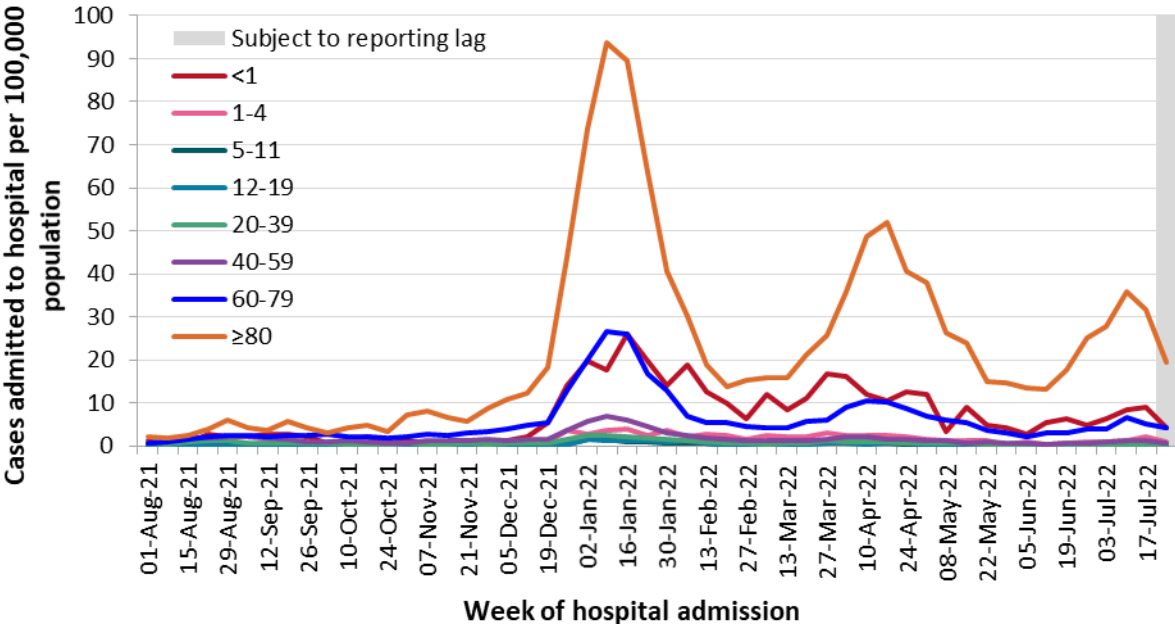
**Data Source:** The Provincial COVID-19 Diagnostics Network, data reported by member microbiology laboratories.

# Hospital Admissions

**Figure 3a. Confirmed COVID-19 cases that were admitted to hospital, by hospital admission week**



**Figure 3b. Confirmed COVID-19 cases that were admitted to hospital (per 100,000 population), by age group and hospital admission date**



**Note:** Not all cases have an age reported.

# Deaths

Figure 4a. Confirmed COVID-19 deaths, by cause and week of death

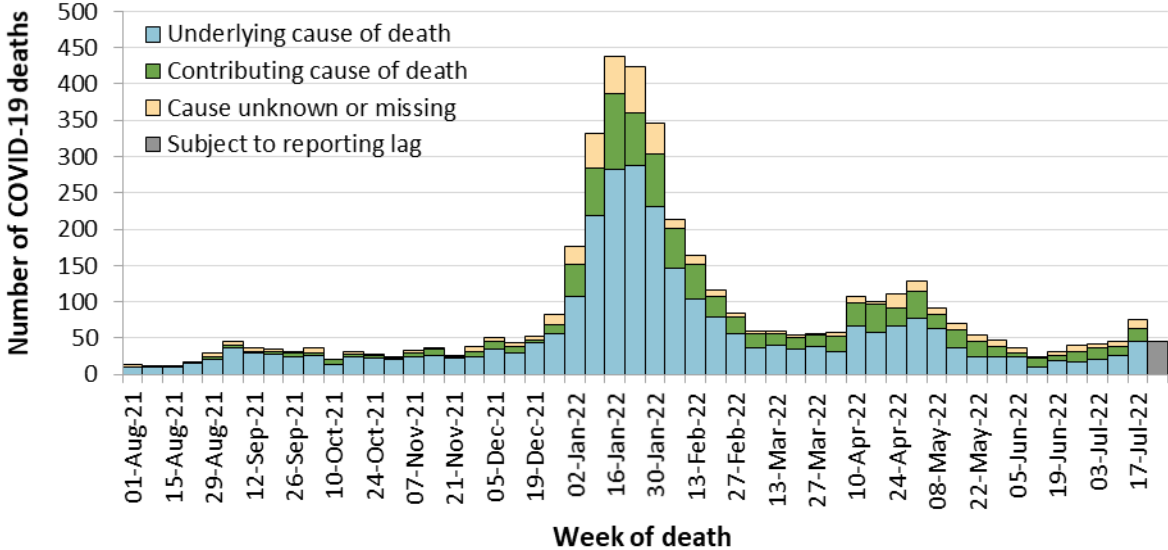
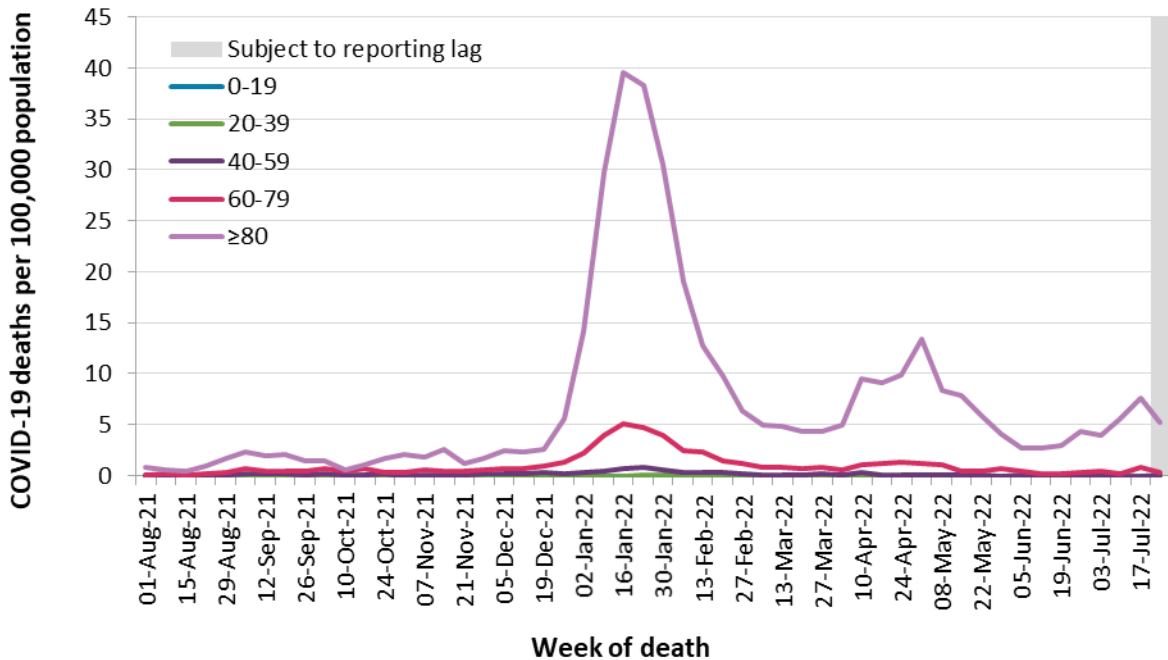
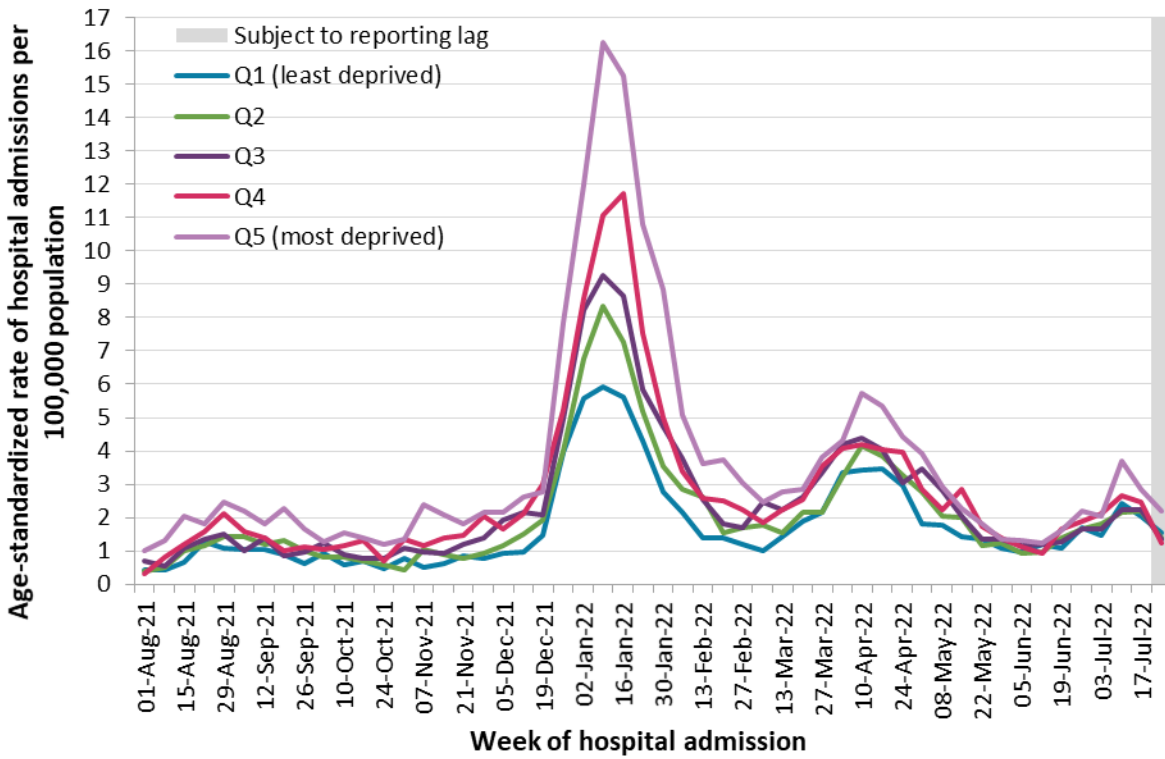


Figure 4b. Confirmed COVID-19 deaths (per 100,000 population), by age group and week of death



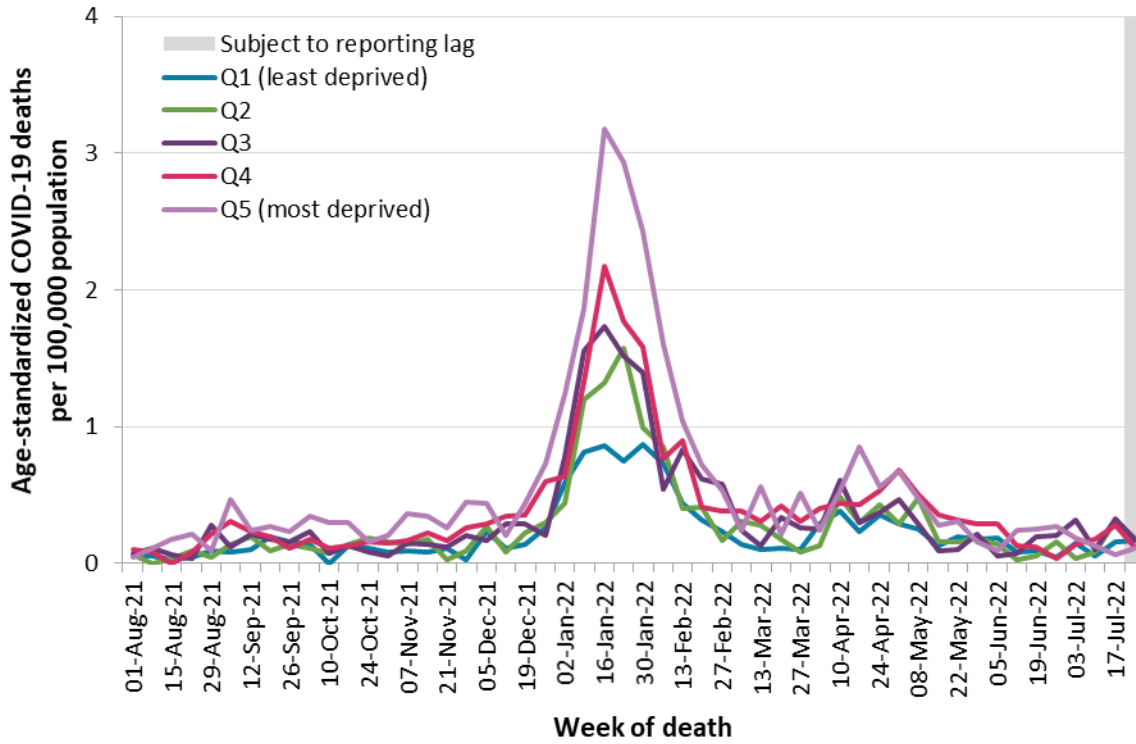
## Severity by Neighbourhood Material Deprivation

Figure 5a. Confirmed COVID-19 cases that were admitted to hospital (per 100,000 population), by quintile of neighbourhood material deprivation and hospital admission week



Data Source: CCM, ON-Marg 2016

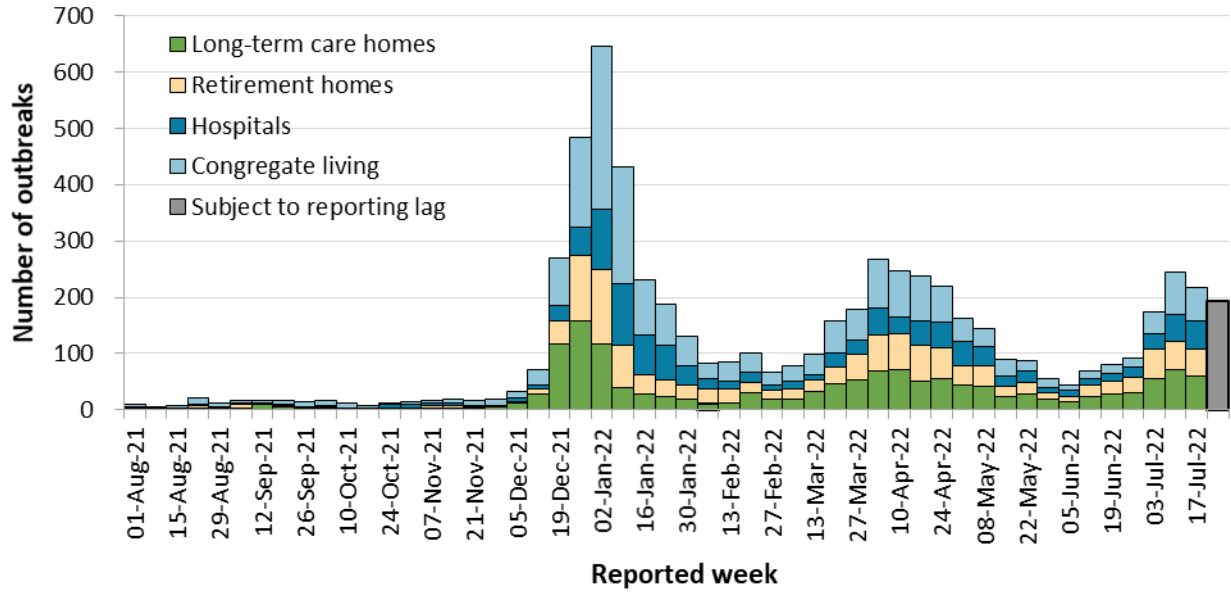
**Figure 5b. Confirmed COVID-19 deaths (per 100,000 population), by quintile of neighbourhood material deprivation and week of death**



Data Source: CCM, ON-Marg 2016

# Outbreaks

**Figure 6. Confirmed COVID-19 outbreaks, by setting type and reported week**



**Note:** Congregate living includes group homes, shelters, and correctional facilities.

**Table 1. Confirmed COVID-19 outbreaks, by setting type**

Setting Type	Reported July 17 to 23, 2022	Reported July 24 to 30, 2022	Ongoing outbreaks	Reported Past 52 Weeks (August 1, 2021 to July 30, 2022)
<b>Congregate Care</b>	<b>159</b>	<b>140</b>	<b>461</b>	<b>4,066</b>
Long-term care homes	61	51	215	1,556
Retirement homes	47	56	160	1,361
Hospitals	51	33	86	1,149
<b>Congregate Living</b>	<b>57</b>	<b>53</b>	<b>100</b>	<b>2,137</b>
Correctional facility	2	1	2	106
Shelter	12	12	25	395
Group home/supportive housing	43	40	73	1,636
<b>Total number of outbreaks*</b>	<b>216</b>	<b>193</b>	<b>561</b>	<b>6,203</b>

\*Only includes outbreaks in the setting types above

**Table 2. Confirmed outbreak-associated COVID-19 cases, by setting type and reported week**

Cases associated with the outbreak setting type	Reported July 17 to 23, 2022	Reported July 24 to 30, 2022	Reported Past 52 Weeks (August 1, 2021 to July 30, 2022)
<b>Congregate Care</b>	<b>2,863</b>	<b>2,138</b>	<b>67,304</b>
Long-term care homes	1,824	1,323	39,992
Retirement homes	581	567	17,151
Hospitals	458	248	10,161
<b>Congregate Living</b>	<b>153</b>	<b>131</b>	<b>13,085</b>
Correctional facility	3	6	4,023
Shelter	36	24	2,534
Group home/supportive housing	114	101	6,528
<b>Total number of cases*</b>	<b>3,016</b>	<b>2,269</b>	<b>80,389</b>

\*Only includes cases associated to outbreaks in the setting types above

## Technical Notes

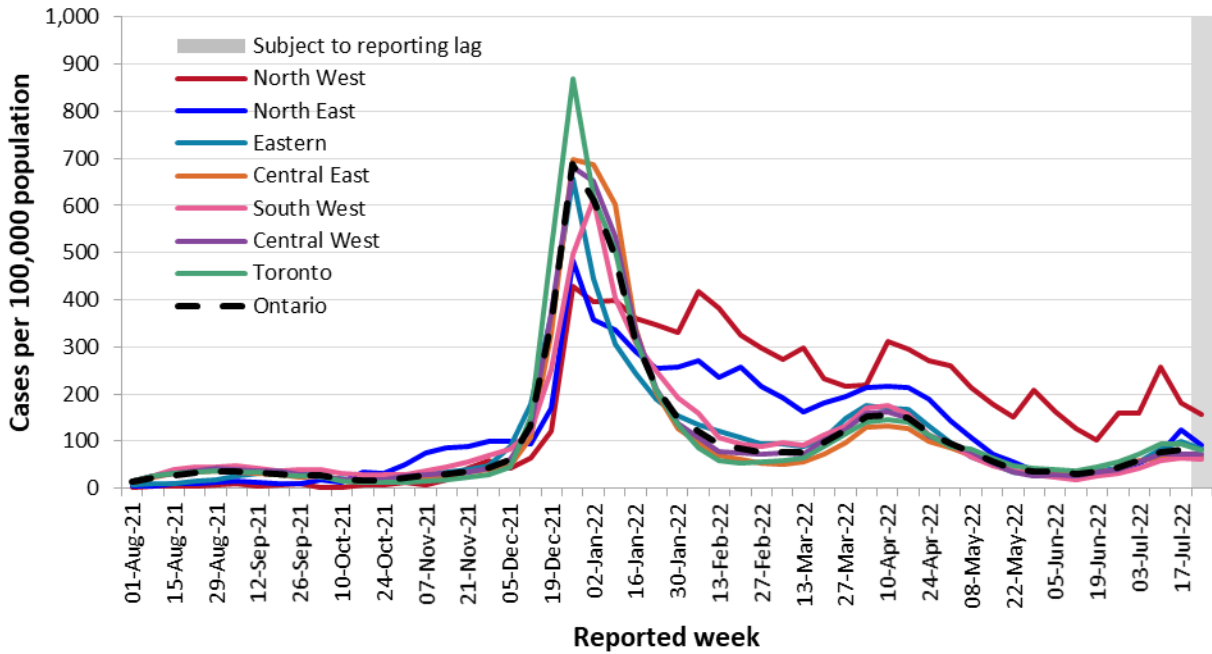
Details on data caveats and methods are documented in [Technical Notes](#) of the [Ontario COVID-19 Data Tool](#). For information on data caveats and methods related to Ontario Marginalization Index (ON-Marg), please visit [PHO's ON-Marg webpage](#).

## Data Sources

- The data for this report were based on information successfully extracted from the CCM for all PHUS by PHO as of:
  - **August 2, 2022 at 1 p.m.** for cases reported from January 1, 2022 onwards
  - **August 2, 2022 at 9 a.m.** for cases reported from January 1, 2021 to December 31, 2021
  - **June 24, 2022 at 9 a.m.** for cases reported up to December 31, 2020.
- Ontario population estimate data were sourced from Statistics Canada. Population estimates 2001-2020: Table 1 annual population estimates by age and sex for July 1, 2001 to 2020, health regions, Ontario [unpublished data table]. Ottawa, ON: Government of Canada; 2021 [received April 22, 2021].
- Statistics Canada Postal Code Conversion File Plus (PCCF+), version 7E.
- The health equity (material deprivation) analyses use data from the 2016 Ontario Marginalization Index (ON-Marg), and population counts from the Ontario Health Insurance Plan (OHIP) Registered Person Database (RPDB) as of May 1, 2021 (provided by the Institute for Clinical Evaluative Sciences [ICES]). For more information, please visit [PHO's ON-Marg webpage](#).

## Appendix A: Cases by Public Health Unit

Figure 7. Confirmed cases of COVID-19 (per 100,000 population), by region and reported week



**Table 3. Confirmed cases of COVID-19, by public health unit and region**

Public Health Unit Name	Cases July 17 to 23, 2022	Cases per 100,000 population July 17 to 23, 2022	Cases July 24 to 30, 2022	Cases per 100,000 population July 24 to 30, 2022	Cases per 100,000 population Past 52 weeks (August 1, 2021 to July 30, 2022)
Northwestern Health Unit	255	314.1	148	182.3	12382.8
Thunder Bay District Health Unit	177	112.2	229	145.2	6590.1
<b>TOTAL NORTH WEST</b>	<b>432</b>	<b>180.8</b>	<b>377</b>	<b>157.8</b>	<b>8558.7</b>
Algoma Public Health	110	93.3	112	95.0	7272.6
North Bay Parry Sound District Health Unit	131	101.3	119	92.0	4571.3
Porcupine Health Unit	91	107.1	50	58.8	6608.2
Public Health Sudbury & Districts	345	168.1	203	98.9	7002.4
Timiskaming Health Unit	36	106.2	34	100.3	5571.8
<b>TOTAL NORTH EAST</b>	<b>713</b>	<b>124.8</b>	<b>518</b>	<b>90.7</b>	<b>6364.4</b>
Ottawa Public Health	922	88.4	806	77.3	4847.6
Eastern Ontario Health Unit	243	112.6	218	101.0	5729.2
Hastings Prince Edward Public Health	141	81.6	108	62.5	5658.7
Kingston, Frontenac and Lennox & Addington Public Health	311	148.6	214	102.3	8162.3
Leeds, Grenville & Lanark District Health Unit	160	88.9	169	93.9	4736.4

Public Health Unit Name	Cases July 17 to 23, 2022	Cases per 100,000 population July 17 to 23, 2022	Cases July 24 to 30, 2022	Cases per 100,000 population July 24 to 30, 2022	Cases per 100,000 population Past 52 weeks (August 1, 2021 to July 30, 2022)
Renfrew County and District Health Unit	121	111.5	91	83.9	4107.0
<b>TOTAL EASTERN</b>	<b>1,898</b>	<b>98.4</b>	<b>1,606</b>	<b>83.2</b>	<b>5326.3</b>
Durham Region Health Department	461	64.8	422	59.3	5578.4
Haliburton, Kawartha, Pine Ridge District Health Unit	84	44.0	142	74.5	4028.8
Peel Public Health	1,015	64.9	1,019	65.2	5194.7
Peterborough Public Health	89	60.1	110	74.3	4335.7
Simcoe Muskoka District Health Unit	433	71.6	393	65.0	5954.1
York Region Public Health	928	77.3	834	69.5	5374.4
<b>TOTAL CENTRAL EAST</b>	<b>3,010</b>	<b>68.1</b>	<b>2,920</b>	<b>66.1</b>	<b>5330.0</b>
Toronto Public Health	2,843	95.1	2,424	81.1	5744.8
<b>TOTAL TORONTO</b>	<b>2,843</b>	<b>95.1</b>	<b>2,424</b>	<b>81.1</b>	<b>5744.8</b>
Chatham-Kent Public Health	94	88.2	73	68.5	6744.5
Grey Bruce Health Unit	83	47.1	71	40.3	4021.6
Huron Perth Public Health	98	67.0	67	45.8	3953.0
Lambton Public Health	82	61.7	95	71.4	6488.6
Middlesex-London Health Unit	349	68.3	347	68.0	5345.4

Public Health Unit Name	Cases July 17 to 23, 2022	Cases per 100,000 population July 17 to 23, 2022	Cases July 24 to 30, 2022	Cases per 100,000 population July 24 to 30, 2022	Cases per 100,000 population Past 52 weeks (August 1, 2021 to July 30, 2022)
Southwestern Public Health	112	51.2	105	48.0	4828.5
Windsor-Essex County Health Unit	303	70.3	318	73.8	6658.2
<b>TOTAL SOUTH WEST</b>	<b>1,121</b>	<b>65.1</b>	<b>1,076</b>	<b>62.5</b>	<b>5529.4</b>
Brant County Health Unit	121	78.8	76	49.5	5524.3
City of Hamilton Public Health Services	581	99.9	557	95.8	6897.1
Haldimand-Norfolk Health Unit	66	55.0	81	67.5	5375.5
Halton Region Public Health	349	57.2	359	58.8	5533.3
Niagara Region Public Health	377	78.3	438	90.9	5583.9
Region of Waterloo Public Health and Emergency Services	395	65.3	357	59.0	4971.6
Wellington-Dufferin-Guelph Public Health	186	59.6	193	61.9	4790.8
<b>TOTAL CENTRAL WEST</b>	<b>2,075</b>	<b>72.4</b>	<b>2,061</b>	<b>71.9</b>	<b>5612.1</b>
<b>TOTAL ONTARIO</b>	<b>12,092</b>	<b>82.1</b>	<b>10,982</b>	<b>74.5</b>	<b>5584.3</b>

**Note:** Access to testing can vary across the province and as a result may impact the reported confirmed case rates by public health unit.

## Appendix B: Severity Measures by Age and Sex

Table 4. Confirmed COVID-19 cases that were admitted to hospital, by sex and age group

Sex and age group	Hospital admissions July 17 to 23, 2022	Hospital admissions per 100,000 population July 17 to 23, 2022	Hospital admissions July 24 to 30, 2022	Hospital admissions per 100,000 population July 24 to 30, 2022	Hospital admissions Past 52 weeks (August 1, 2021 to July 30, 2022 )	Hospital admissions per 100,000 population Past 52 weeks (August 1, 2021 to July 30, 2022 )
<b>Total Cases</b>	463	3.1	306	2.1	23,427	159.0
<b>Sex: Female</b>	203	2.7	129	1.7	10,628	142.6
<b>Sex: Male</b>	259	3.6	177	2.4	12,761	175.3
<b>Sex: Did not specify female or male</b>	1	N/A	0	N/A	38	N/A
<b>Ages: &lt;1</b>	13	9.1	6	4.2	534	375.0
<b>Ages: 1 – 4</b>	12	2.1	5	0.9	399	68.7
<b>Ages: 5 – 11</b>	4	0.4	2	0.2	205	19.0
<b>Ages: 12 – 19</b>	5	0.4	1	0.1	263	19.8
<b>Ages: 20 – 39</b>	21	0.5	16	0.4	1,757	42.3
<b>Ages: 40 – 59</b>	49	1.3	26	0.7	3,596	92.3
<b>Ages: 60 – 79</b>	151	5.2	123	4.2	8,989	310.0
<b>Ages: 80 and over</b>	208	31.7	127	19.4	7,684	1171.6
<b>Ages: Unknown</b>	0	N/A	0	N/A	0	N/A

**Table 5. Confirmed COVID-19 deaths, by sex and age group**

<b>Sex and age group</b>	<b>Deaths July 17 to 23, 2022</b>	<b>Deaths per 100,000 population July 17 to 23, 2022</b>	<b>Deaths July 24 to 30, 2022</b>	<b>Deaths per 100,000 population July 24 to 30, 2022</b>	<b>Deaths Past 52 weeks (August 1, 2021 to July 30, 2022)</b>	<b>Deaths per 100,000 population Past 52 weeks (August 1, 2021 to July 30, 2022)</b>
<b>Total Cases</b>	75	0.5	46	0.3	4,365	29.6
<b>Sex: Female</b>	34	0.5	22	0.3	1,876	25.2
<b>Sex: Male</b>	41	0.6	24	0.3	2,477	34.0
<b>Sex: Did not specify female or male</b>	0	N/A	0	N/A	12	N/A
<b>Ages: 0 – 19</b>	0	0.0	0	0.0	14	0.4
<b>Ages: 20 – 39</b>	1	<0.1	0	0.0	67	1.6
<b>Ages: 40 – 59</b>	1	<0.1	3	0.1	356	9.1
<b>Ages: 60 – 79</b>	23	0.8	9	0.3	1,523	52.5
<b>Ages: 80 and over</b>	50	7.6	34	5.2	2,405	366.7
<b>Ages: Unknown</b>	0	N/A	0	N/A	0	N/A

## Appendix C: All Time Severe Outcomes

**Table 6. Confirmed COVID-19 cases and deaths among LTCH residents, by wave**

<b>Table C1. Confirmed COVID-19 cases and deaths among LTCH residents, by wave: Ontario Wave</b>	<b>Number of LTCH Resident Cases</b>	<b>Number of LTCH Resident COVID-19 deaths</b>	<b>Case Fatality Rate (CFR)</b>
Wave 1 (February 26, 2020 to August 31, 2020)	6,011	1,906	31.7%
Wave 2 (September 1, 2020 to February 28, 2021)	9,055	1,946	21.5%
Wave 3 (March 1, 2021 to July 31, 2021)	413	59	14.3%
Wave 4 (August 1, 2021 to December 14, 2021)	245	45	18.4%
Wave 5 (December 15, 2021 to February 28, 2022)	10,020	480	4.8%
Wave 6 (March 1, 2022 to June 18, 2022)	7,576	197	2.6%
Wave 7 (June 19, 2022 to July 30, 2022)*	4,268	82	1.9%
<b>Total</b>	<b>37,588</b>	<b>4,715</b>	<b>12.5%</b>

\*Wave 7 is ongoing and only includes cases up to July 30, 2022. Therefore, the case fatality rate for the time period of wave 7 presented here may increase.

## Citation

Ontario Agency for Health Protection and Promotion (Public Health Ontario). Weekly epidemiologic summary: COVID-19 in Ontario – July 24, 2022 to July 30, 2022. Toronto, ON: Queen’s Printer for Ontario; 2022.

## 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. The application and use of this document is the responsibility of the user. PHO assumes no liability resulting from any such application or use. This document may be reproduced without permission for non-commercial purposes only and provided that appropriate credit is given to PHO. No changes and/or modifications may be made to this document without express written permission from PHO.

## For Further Information

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

## 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.

For more information about PHO, visit [publichealthontario.ca](http://publichealthontario.ca).