

WEEKLY EPIDEMIOLOGICAL SUMMARY

COVID-19 in Ontario: Focus on August 7, 2022 to August 13, 2022 (Week 32)

Published: August 18, 2022

Figures and tables in this report present the most recent 52 weeks of data for Ontario, ranging from **August 15, 2021 to August 13, 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 6% lower than last week among those eligible for testing:** The number of reported cases in Ontario decreased to 9,832 this week, compared to 10,435 last week.
 - Case rates decreased this week in 20 of Ontario's 34 public health units. Case rates decreased in 5 of Ontario's 7 regions, with decreases ranging from 4% in North East to 13% in Toronto compared to last week. The North West region reported the largest increased case rate, up 19% compared to last week, and also continues to report the highest case rates compared to other regions.
 - Case rates decreased this week in 5 of 7 age groups. Case rates increased among 0 to 4 year olds (8% increase) and 12 to 19 year olds (9% increase), however rates in younger age groups (19 years and younger) remain low compared to older age groups (20 years and older). The 80 year and older age group continues to report the highest case rate compared to other age groups.
- **Percent positivity is 6% lower compared to last week:** Percent positivity was 13.2% this week, compared to 14.0% last week. Testing volume was 71,326 tests this week, similar to the 68,930 tests last week.

Severity

- **Hospital admissions and deaths decreased this week:** Hospital admissions decreased to 302 this week from 458 last week, a 34% decrease. Reported deaths decreased to 40 this week from 104 last week, a 62% decrease. Hospital admission and death counts, particularly for more recent 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 160 this week, down from 178 last week. Notable decreases were reported in hospitals (22% decrease) and retirement homes (21% decrease).
- **Outbreak-associated cases in all high-risk settings decreased:** There were 2,355 outbreak-associated cases reported this week compared to 2,590 last week. Cases declined 52% in congregate living settings (correctional facilities, shelters, and group homes/supporting housing). Cases declined 6% in congregate care settings (long-term care homes, retirement homes, and hospitals).

Cases

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

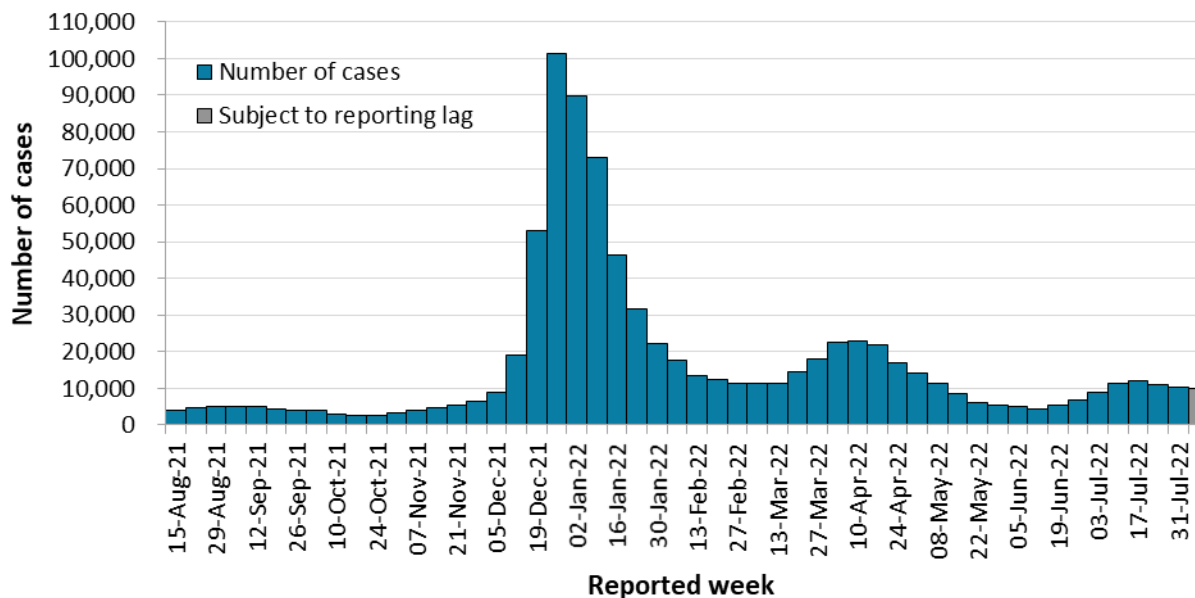
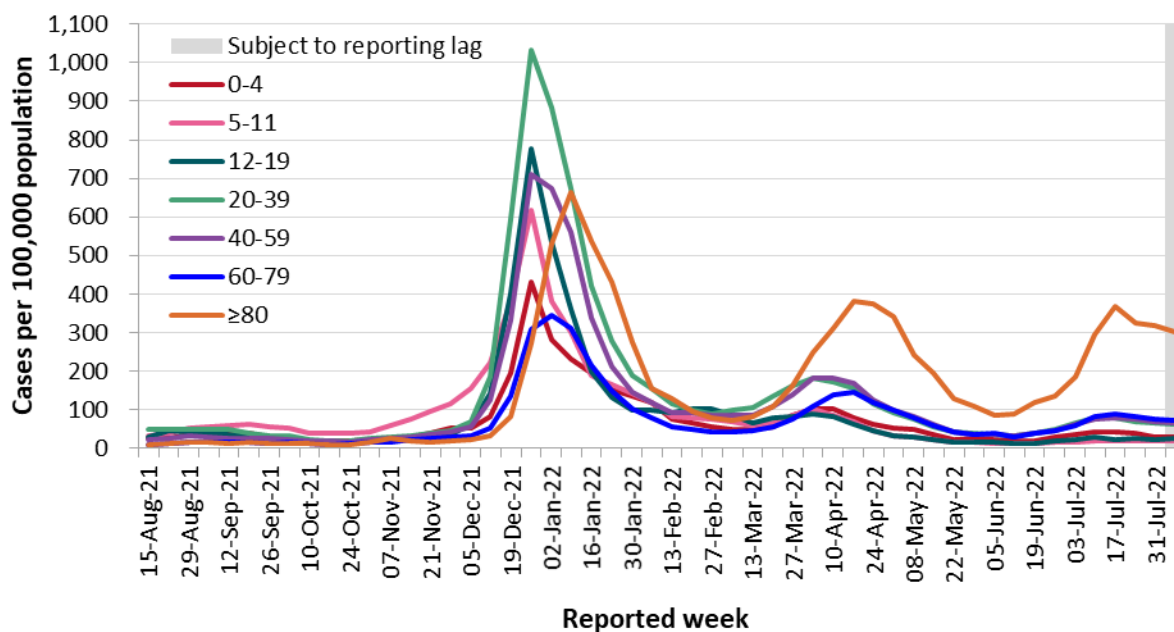


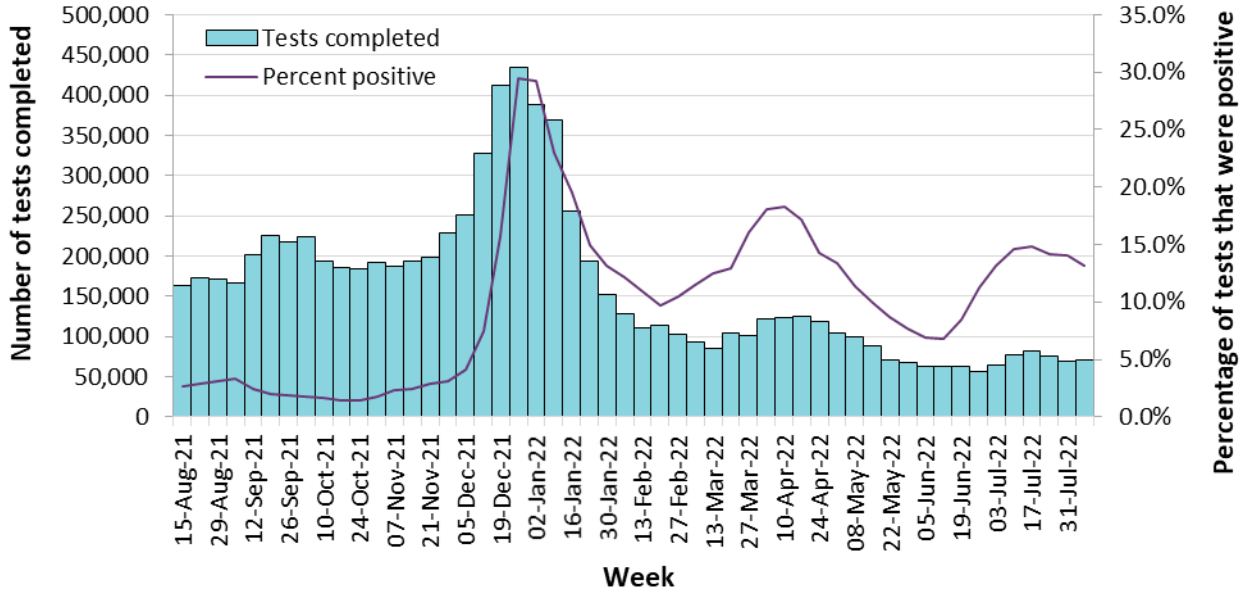
Figure 1b. Confirmed cases of COVID-19 (per 100,000 population), by age group and reported week



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

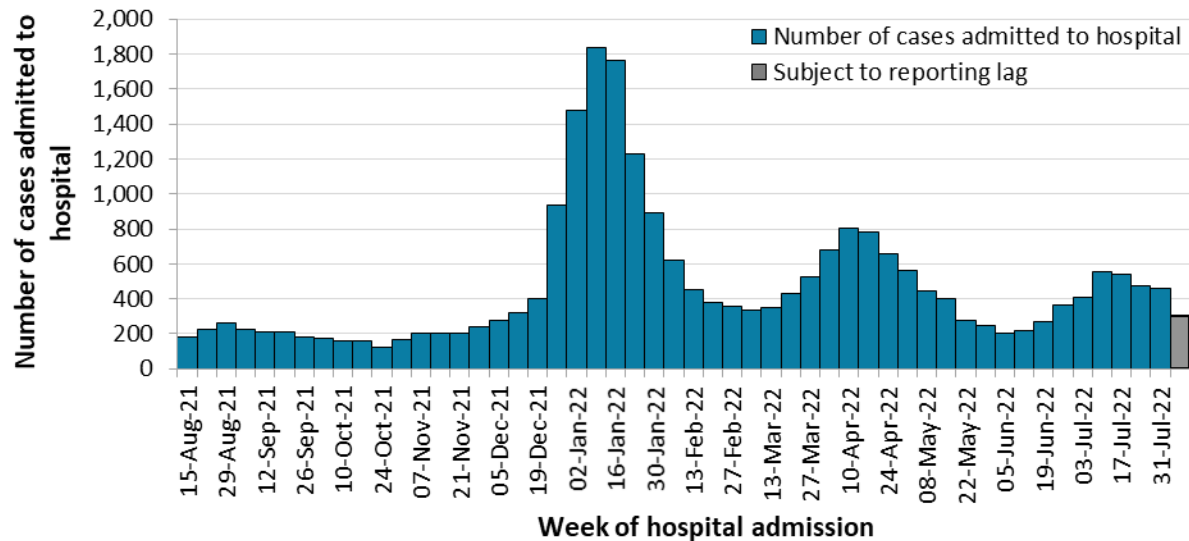
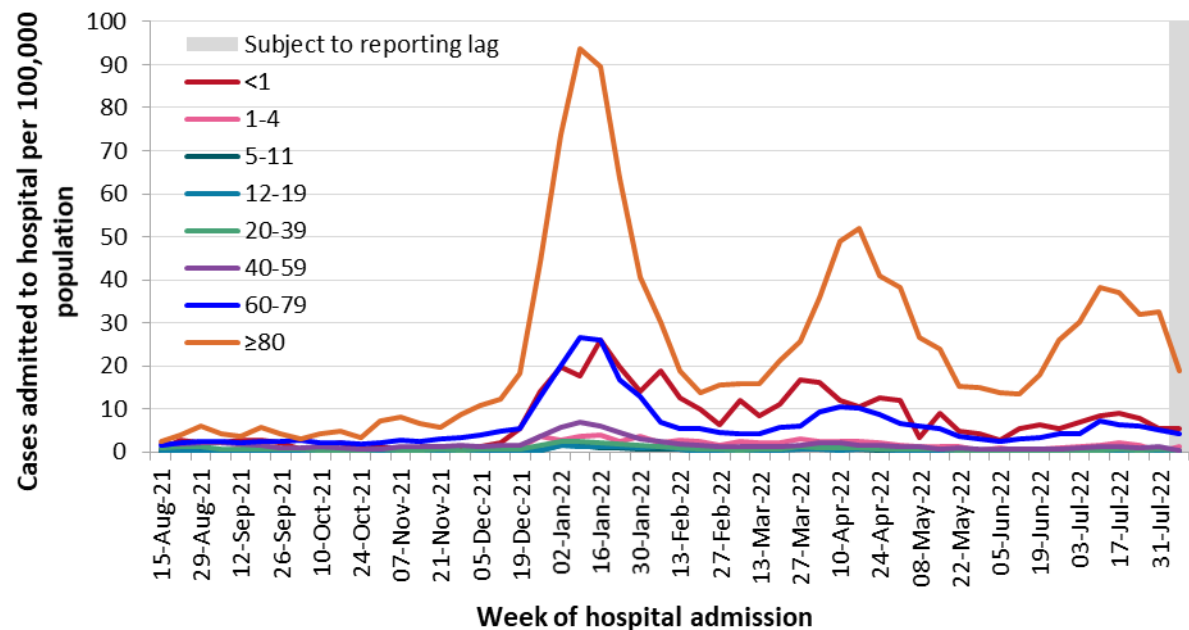


Figure 3b. Confirmed COVID-19 cases that were admitted to hospital (per 100,000 population), by age group and hospital admission date



Note: Not all cases have an age reported.

Deaths

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

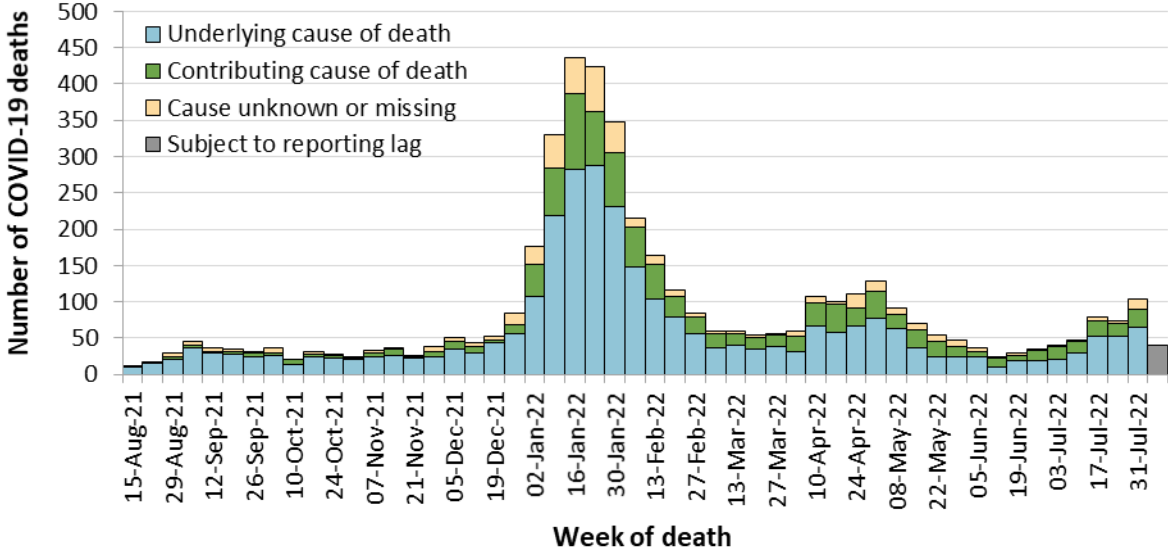
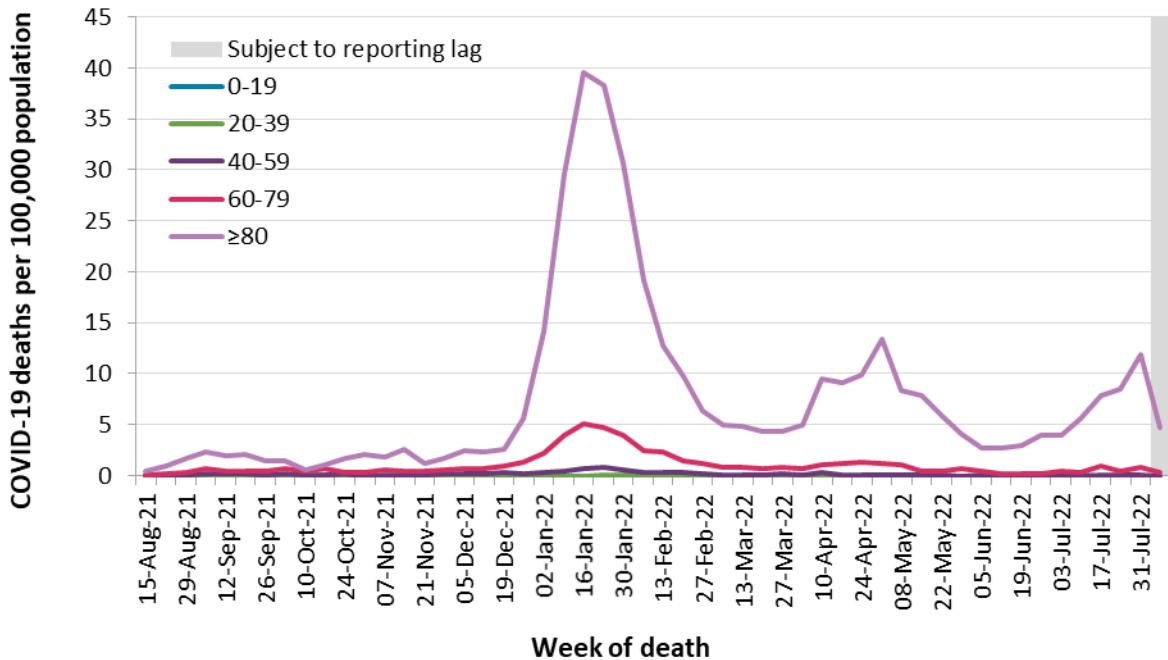
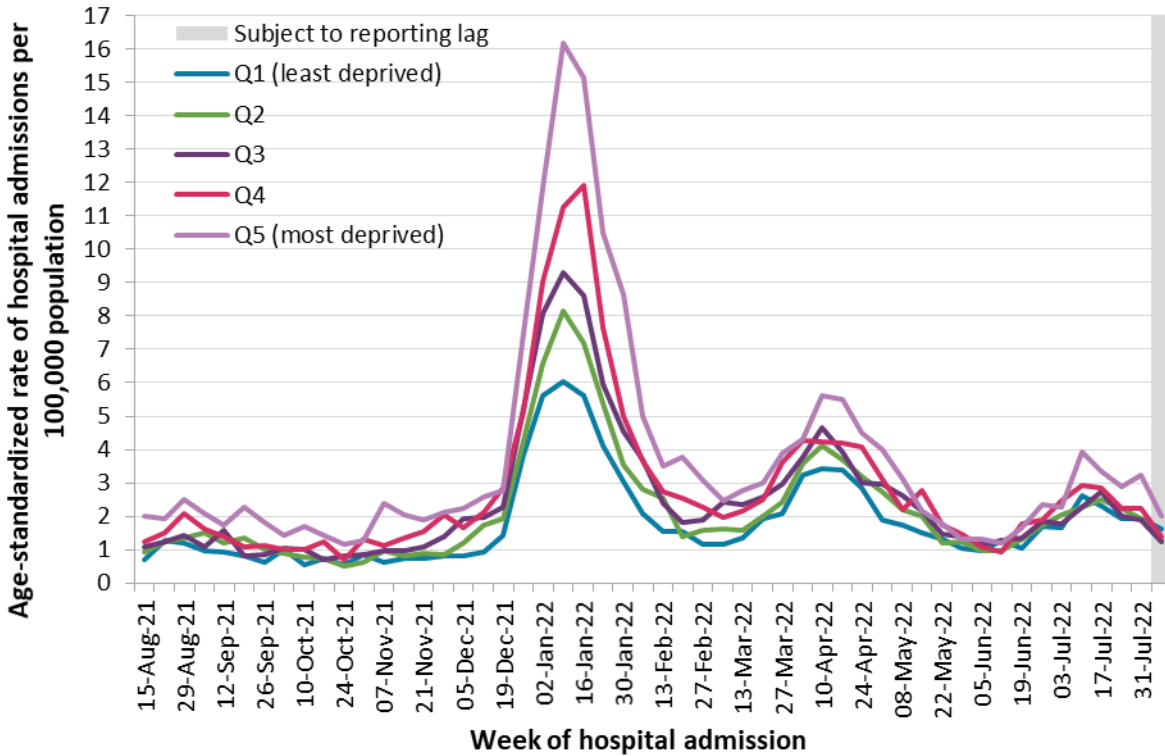


Figure 4b. Confirmed COVID-19 deaths (per 100,000 population), by age group and week of death



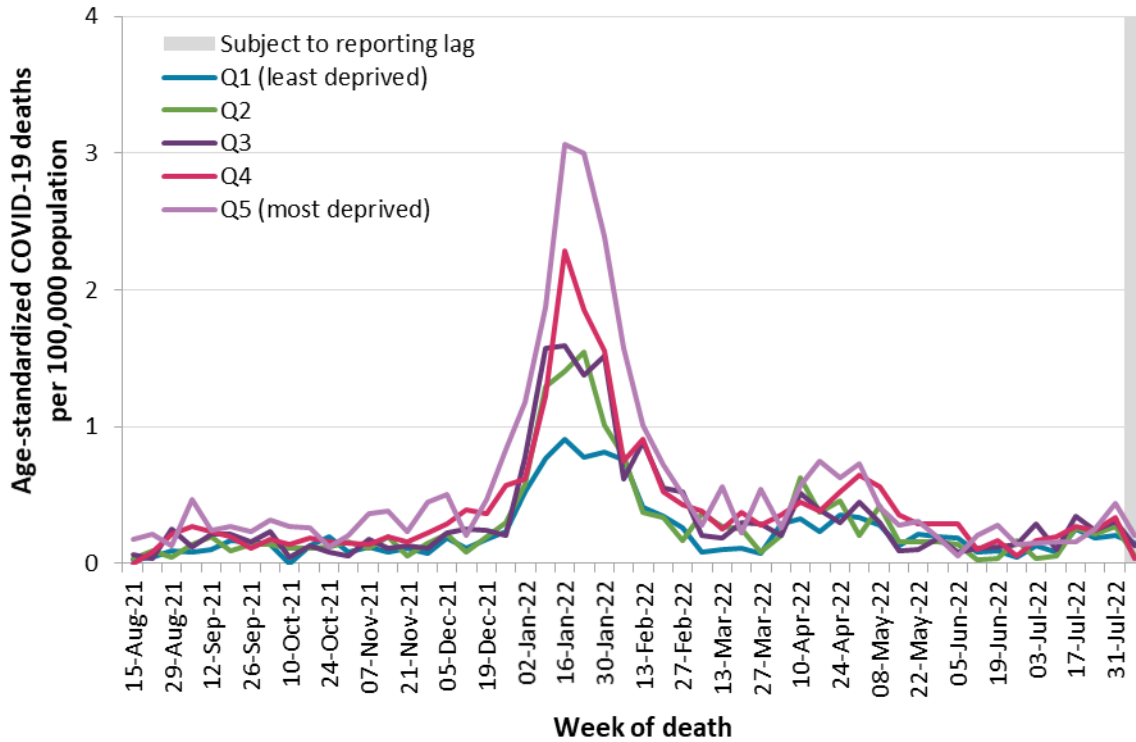
Severity by Neighbourhood Material Deprivation

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

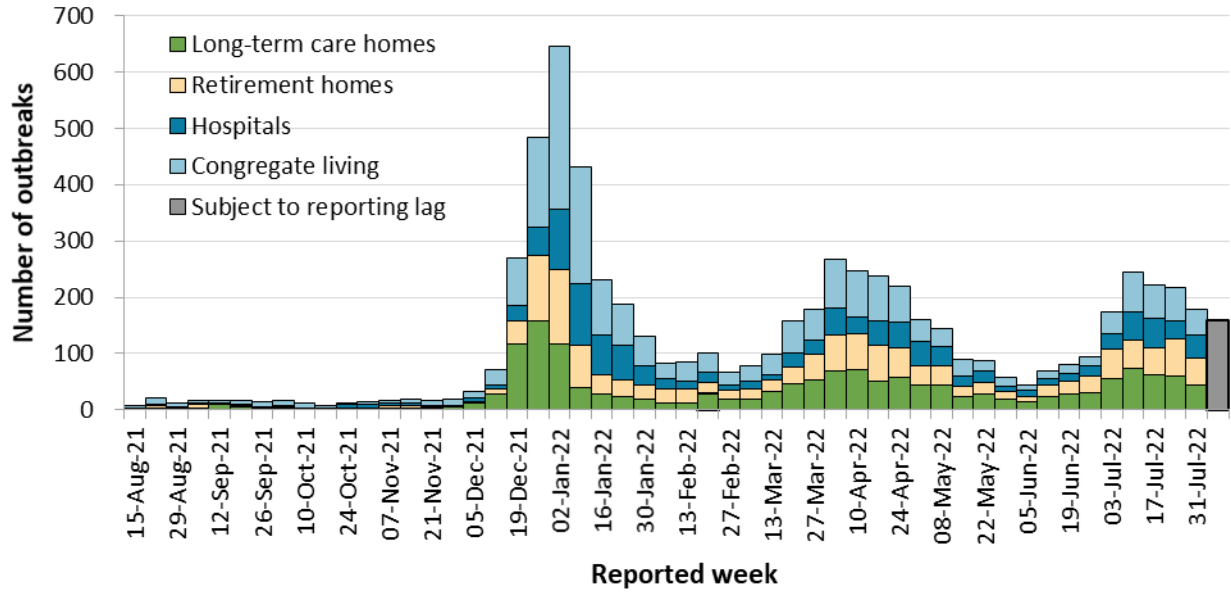
Figure 5b. Confirmed COVID-19 deaths (per 100,000 population), by quintile of neighbourhood material deprivation and week of death



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 31 to August 6, 2022	Reported August 7 to 13, 2022	Ongoing outbreaks	Reported Past 52 Weeks (August 15, 2021 to August 13, 2022)
Congregate Care	132	117	373	4,336
Long-term care homes	44	48	181	1,661
Retirement homes	47	37	126	1,453
Hospitals	41	32	66	1,222
Congregate Living	46	43	77	2,222
Correctional facility	3	2	4	111
Shelter	7	9	18	411
Group home/supportive housing	36	32	55	1,700
Total number of outbreaks*	178	160	450	6,558

*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 31 to August 6, 2022	Reported August 7 to 13, 2022	Reported Past 52 Weeks (August 15, 2021 to August 13, 2022)
Congregate Care	2,401	2,265	72,624
Long-term care homes	1,508	1,468	43,357
Retirement homes	581	520	18,407
Hospitals	312	277	10,860
Congregate Living	189	90	13,388
Correctional facility	31	15	4,071
Shelter	26	6	2,570
Group home/supportive housing	132	69	6,747
Total number of cases*	2,590	2,355	86,012

*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 16, 2022 at 1 p.m.** for cases reported from January 1, 2022 onwards
 - **August 15, 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

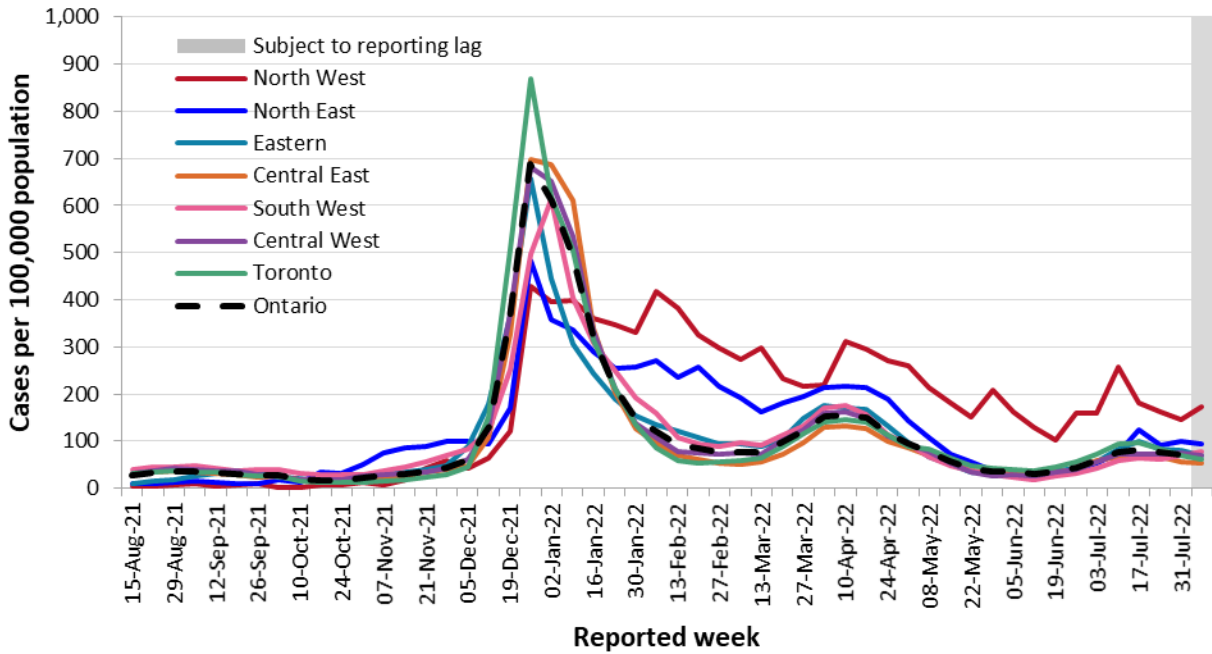


Table 3. Confirmed cases of COVID-19, by public health unit and region

Public Health Unit Name	Cases July 31 to August 6, 2022	Cases per 100,000 population July 31 to August 6, 2022	Cases August 7 to 13, 2022	Cases per 100,000 population August 7 to 13, 2022	Cases per 100,000 population Past 52 weeks (August 15, 2021 to August 13, 2022)
Northwestern Health Unit	105	129.3	115	141.7	12,644.0
Thunder Bay District Health Unit	243	154.1	299	189.6	6,937.0
TOTAL NORTH WEST	348	145.7	414	173.3	8,876.4
Algoma Public Health	80	67.9	76	64.5	7,402.4
North Bay Parry Sound District Health Unit	141	109	168	129.9	4,805.6
Porcupine Health Unit	59	69.4	58	68.2	6,737.6
Public Health Sudbury & Districts	238	116.0	205	99.9	7,202.7
Timiskaming Health Unit	44	129.9	33	97.4	5,799.0
TOTAL NORTH EAST	562	98.4	540	94.5	6,548.9
Ottawa Public Health	698	66.9	621	59.5	4,957.6
Eastern Ontario Health Unit	168	77.8	107	49.6	5,840.8
Hastings Prince Edward Public Health	143	82.7	156	90.3	5,806.3
Kingston, Frontenac and Lennox & Addington Public Health	253	120.9	258	123.3	8,400.8
Leeds, Grenville & Lanark District Health Unit	156	86.7	139	77.2	4,889.2

Public Health Unit Name	Cases July 31 to August 6, 2022	Cases per 100,000 population July 31 to August 6, 2022	Cases August 7 to 13, 2022	Cases per 100,000 population August 7 to 13, 2022	Cases per 100,000 population Past 52 weeks (August 15, 2021 to August 13, 2022)
Renfrew County and District Health Unit	117	107.9	86	79.3	4,296.0
TOTAL EASTERN	1,535	79.6	1,367	70.8	5,462.2
Durham Region Health Department	379	53.3	355	49.9	5,650.9
Haliburton, Kawartha, Pine Ridge District Health Unit	162	84.9	135	70.8	4,168.2
Peel Public Health	807	51.6	700	44.8	5,270.8
Peterborough Public Health	108	72.9	92	62.1	4,463.3
Simcoe Muskoka District Health Unit	318	52.6	403	66.7	6,049.5
York Region Public Health	744	62.0	693	57.7	5,448.0
TOTAL CENTRAL EAST	2,518	57.0	2,378	53.8	5,412.0
Toronto Public Health	2,090	69.9	1,818	60.8	5,842.4
TOTAL TORONTO	2,090	69.9	1,818	60.8	5,842.4
Chatham-Kent Public Health	64	60.0	109	102.2	6,881.4
Grey Bruce Health Unit	126	71.5	117	66.4	4,120.4
Huron Perth Public Health	66	45.1	89	60.9	4,032.3
Lambton Public Health	97	72.9	107	80.5	6,629.2

Public Health Unit Name	Cases July 31 to August 6, 2022	Cases per 100,000 population July 31 to August 6, 2022	Cases August 7 to 13, 2022	Cases per 100,000 population August 7 to 13, 2022	Cases per 100,000 population Past 52 weeks (August 15, 2021 to August 13, 2022)
Middlesex-London Health Unit	353	69.1	386	75.6	5,459.4
Southwestern Public Health	141	64.4	153	69.9	4,932.2
Windsor-Essex County Health Unit	359	83.3	367	85.2	6,746.6
TOTAL SOUTH WEST	1,206	70.0	1,328	77.1	5,634.7
Brant County Health Unit	124	80.8	111	72.3	5,631.7
City of Hamilton Public Health Services	645	110.9	519	89.2	7,021.4
Haldimand-Norfolk Health Unit	112	93.3	64	53.3	5,503.0
Halton Region Public Health	318	52.1	316	51.8	5,603.9
Niagara Region Public Health	383	79.5	375	77.8	5,736.2
Region of Waterloo Public Health and Emergency Services	417	68.9	422	69.7	5,069.8
Wellington-Dufferin-Guelph Public Health	177	56.7	180	57.7	4,887.0
TOTAL CENTRAL WEST	2,176	76.0	1,987	69.4	5,720.3
TOTAL ONTARIO	10,435	70.8	9,832	66.7	5,692.1

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 31 to August 6, 2022	Hospital admissions per 100,000 population July 31 to August 6, 2022	Hospital admissions August 7 to 13, 2022	Hospital admissions per 100,000 population August 7 to 13, 2022	Hospital admissions Past 52 weeks (August 15, 2021 to August 13, 2022)	Hospital admissions per 100,000 population Past 52 weeks (August 15, 2021 to August 13, 2022)
Total Cases	458	3.1	302	2.0	24,350	165.3
Sex: Female	213	2.9	152	2.0	11,095	148.8
Sex: Male	245	3.4	149	2.0	13,215	181.5
Sex: Did not specify female or male	0	N/A	1	N/A	40	N/A
Ages: <1	8	5.6	8	5.6	555	389.7
Ages: 1 – 4	1	0.2	7	1.2	410	70.6
Ages: 5 – 11	2	0.2	0	0.0	206	19.1
Ages: 12 – 19	2	0.2	2	0.2	268	20.2
Ages: 20 – 39	27	0.7	15	0.4	1,770	42.6
Ages: 40 – 59	51	1.3	21	0.5	3,626	93.1
Ages: 60 – 79	153	5.3	125	4.3	9,348	322.4
Ages: 80 and over	214	32.6	124	18.9	8,167	1,245.3
Ages: Unknown	0	N/A	0	N/A	0	N/A

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

Sex and age group	Deaths July 31 to August 6, 2022	Deaths per 100,000 population July 31 to August 6, 2022	Deaths August 7 to 13, 2022	Deaths per 100,000 population August 7 to 13, 2022	Deaths Past 52 weeks (August 15, 2021 to August 13, 2022)	Deaths per 100,000 population Past 52 weeks (August 15, 2021 to August 13, 2022)
Total Cases	104	0.7	40	0.3	4,514	30.6
Sex: Female	50	0.7	18	0.2	1,947	26.1
Sex: Male	54	0.7	22	0.3	2,555	35.1
Sex: Did not specify female or male	0	N/A	0	N/A	12	N/A
Ages: 0 – 19	0	0.0	0	0.0	14	0.4
Ages: 20 – 39	0	0.0	0	0.0	67	1.6
Ages: 40 – 59	2	0.1	1	<0.1	353	9.1
Ages: 60 – 79	24	0.8	8	0.3	1,554	53.6
Ages: 80 and over	78	11.9	31	4.7	2,526	385.2
Ages: Unknown	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

Table C1. Confirmed COVID-19 cases and deaths among LTCH residents, by wave: Ontario	Number of LTCH Resident Cases	Number of LTCH Resident COVID-19 deaths	Case Fatality Rate (CFR)
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)	10,026	480	4.8%
Wave 6 (March 1, 2022 to June 18, 2022)	7,576	198	2.6%
Wave 7 (June 19, 2022 to August 13, 2022)*	6,710	148	2.2%
Total	40,036	4,782	11.9%

*Wave 7 is ongoing and only includes cases up to August 13, 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 – August 7, 2022 to August 13, 2022. Toronto, ON: Queen’s Printer for Ontario; 2022.

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