

WEEKLY EPIDEMIOLOGICAL SUMMARY

COVID-19 in Ontario: Focus on June 26, 2022 to July 2, 2022 (Week 26)

Published: July 7, 2022

This report includes the most current information available from the Public Health Case and Contact Management Solution (CCM) as of **July 5, 2022** unless otherwise specified.

Figures and tables in this report present the most recent 52 weeks of data for Ontario, ranging from **July 4, 2021 to July 2, 2022**.

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 increased 20% among those eligible for testing:** The number of reported cases in Ontario increased for a second week in a row to 6,499 cases this week, up from 5,420 last week. This a continuation of the increase observed last week that marked the beginning of Wave 7 (starting June 19, 2022). Case rates increased in 74% (25/34) of the 34 public health units, and in all age groups. While the largest increase in case rates by age group this week was among children aged 0 to 4 years (40% increase), case rates remain higher among Ontarians over the age of 20 and are still highest among Ontarians 80 years and older.
- **Percent positivity is higher and testing volume is lower:** Percent positivity was 11.2% this week, higher than 8.4% reported last week. Testing volume was 56,642 tests this week, less than 62,804 tests reported last week.

Severity

- **Hospital admissions and deaths were similar to last week:** Hospital admissions and deaths have stopped declining and may be increasing from mid-June lows. Ontarians 80 years and older continue to have higher rates of hospitalizations and deaths compared to all other age groups.

Outbreaks

- **Outbreaks in high-risk settings are similar to last week:** The total number of outbreaks in high-risk settings was 70 this week, compared to 75 last week. There were 17 outbreaks reported in Long-Term care homes this week which is fewer than the 25 reported last week.
- **Outbreak-associated cases in high-risk settings decreased:** There were 698 outbreak-associated cases reported this week compared to 773 last week. All congregate care and congregate living settings, with the exception of retirement homes, reported fewer outbreak-associated cases this week. There were 63% more outbreak-associated cases in retirement homes this week compared to last (256 compared to 157).

Cases

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

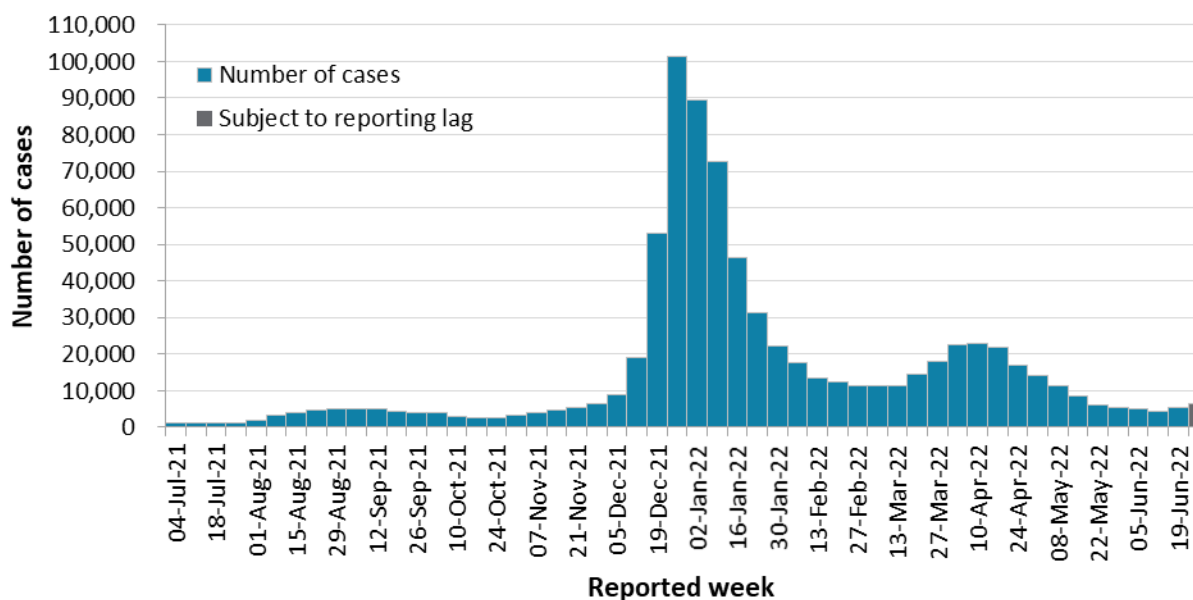
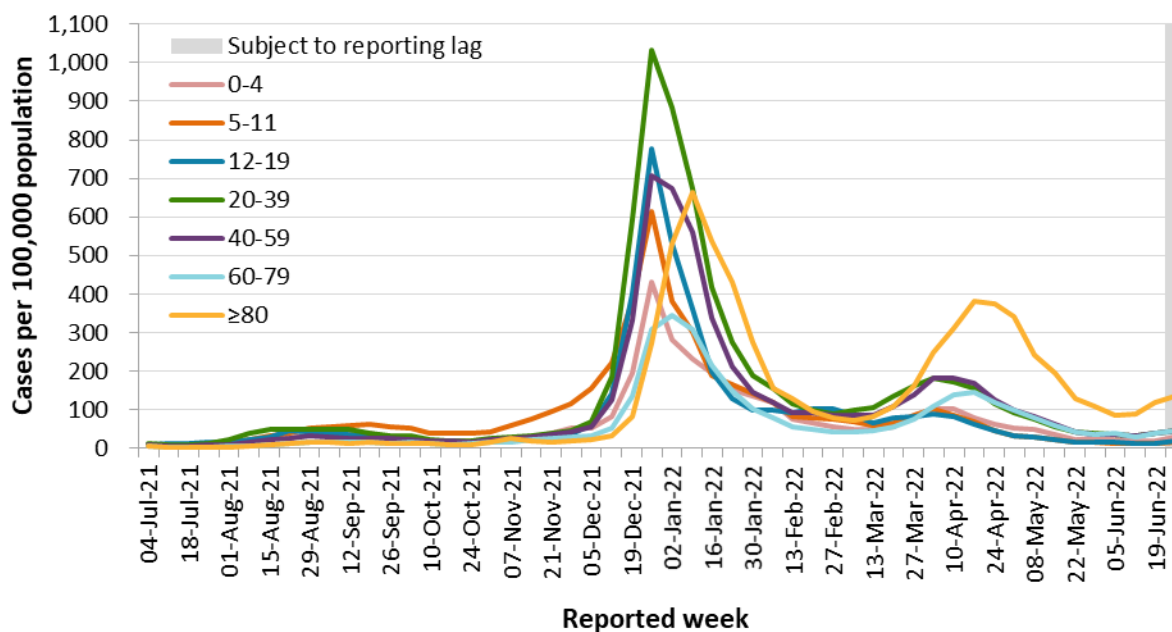


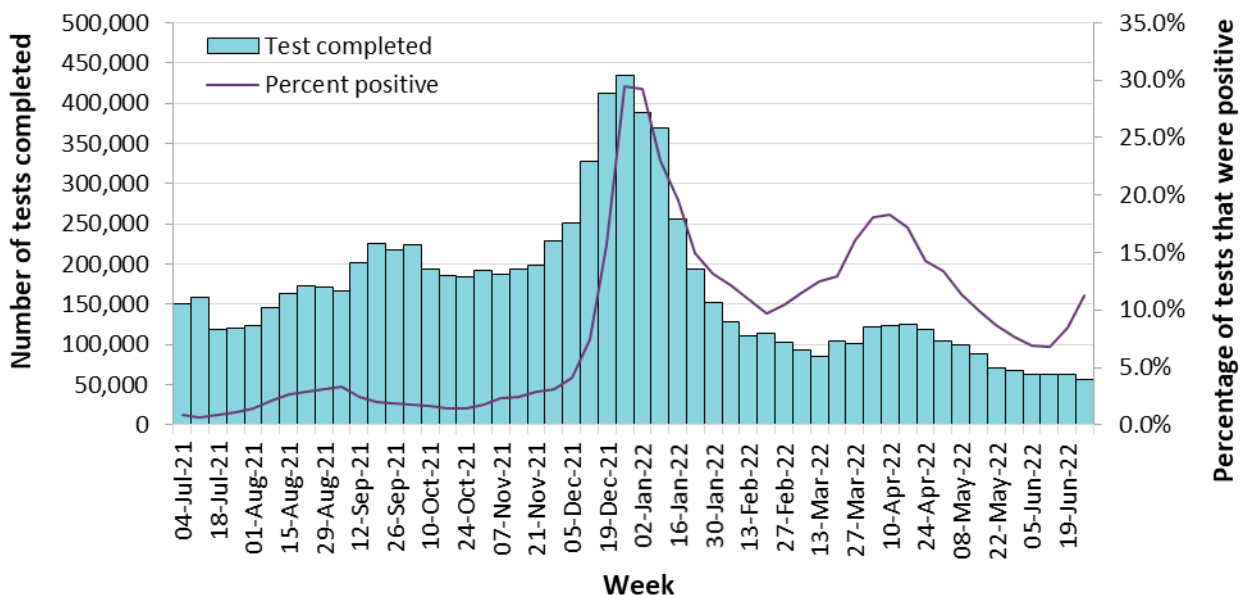
Figure 1b. Confirmed cases of COVID-19 (per 100,000 population), by age group and reported week



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

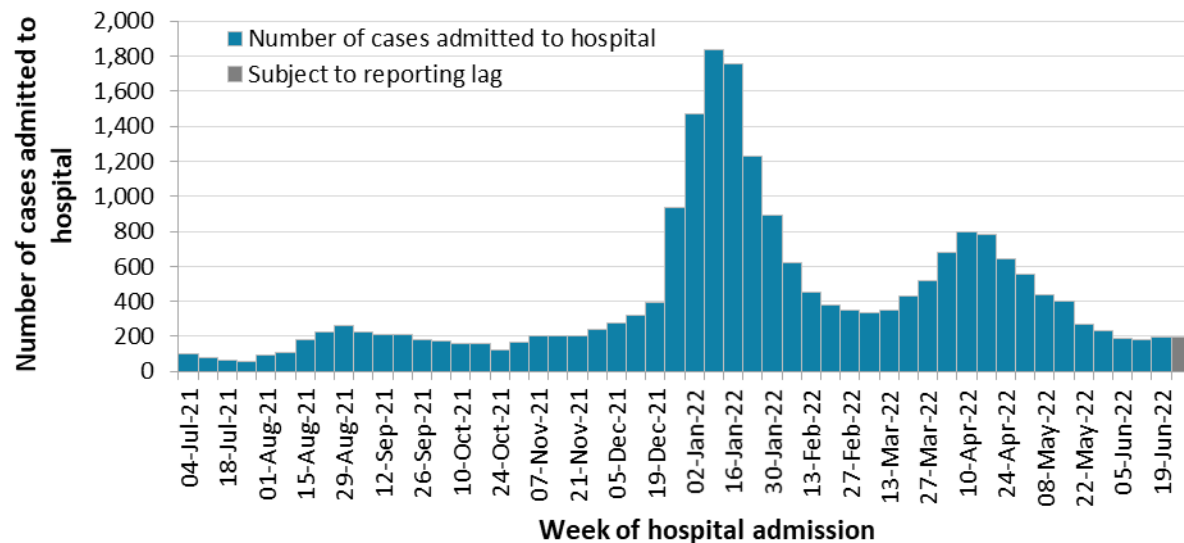
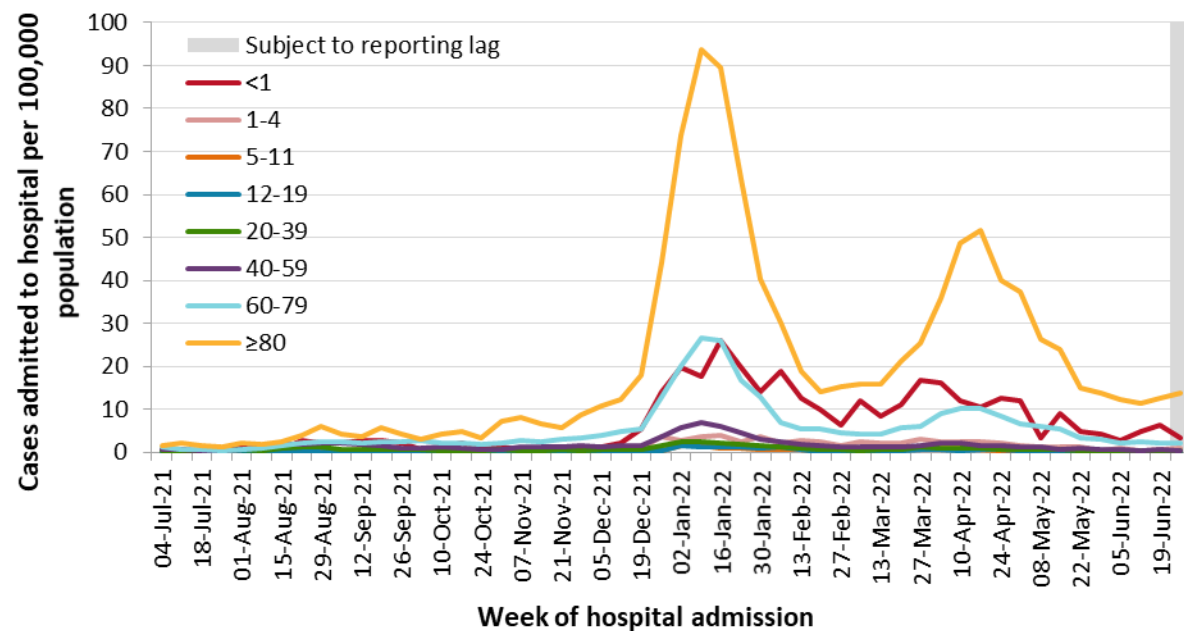


Figure 3b. Confirmed COVID-19 cases that were admitted to hospital (per 100,000 population), by age group and hospital admission date



Note: Not all cases have an age reported.

Deaths

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

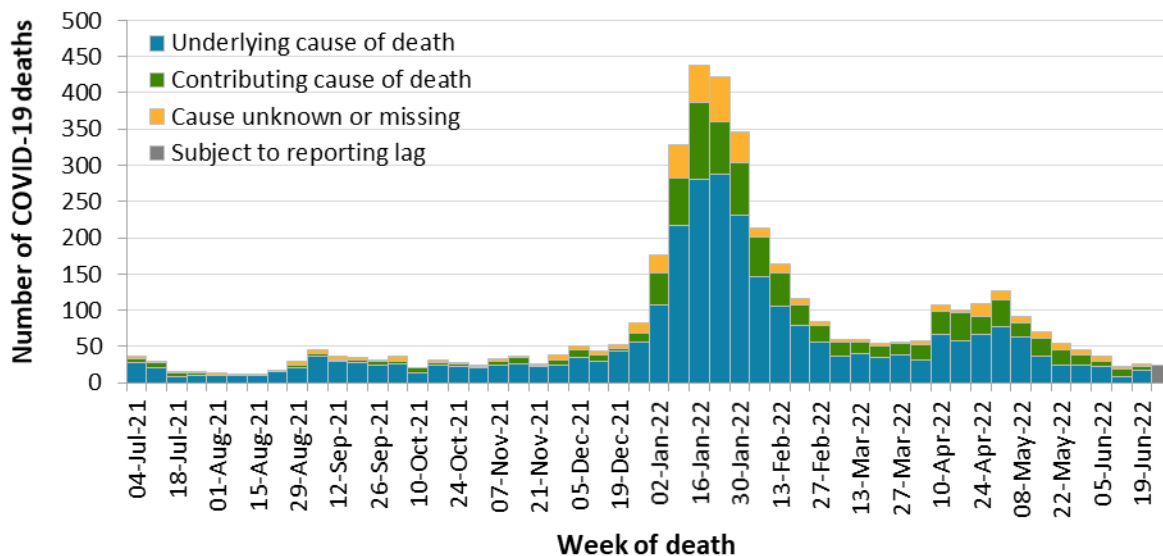
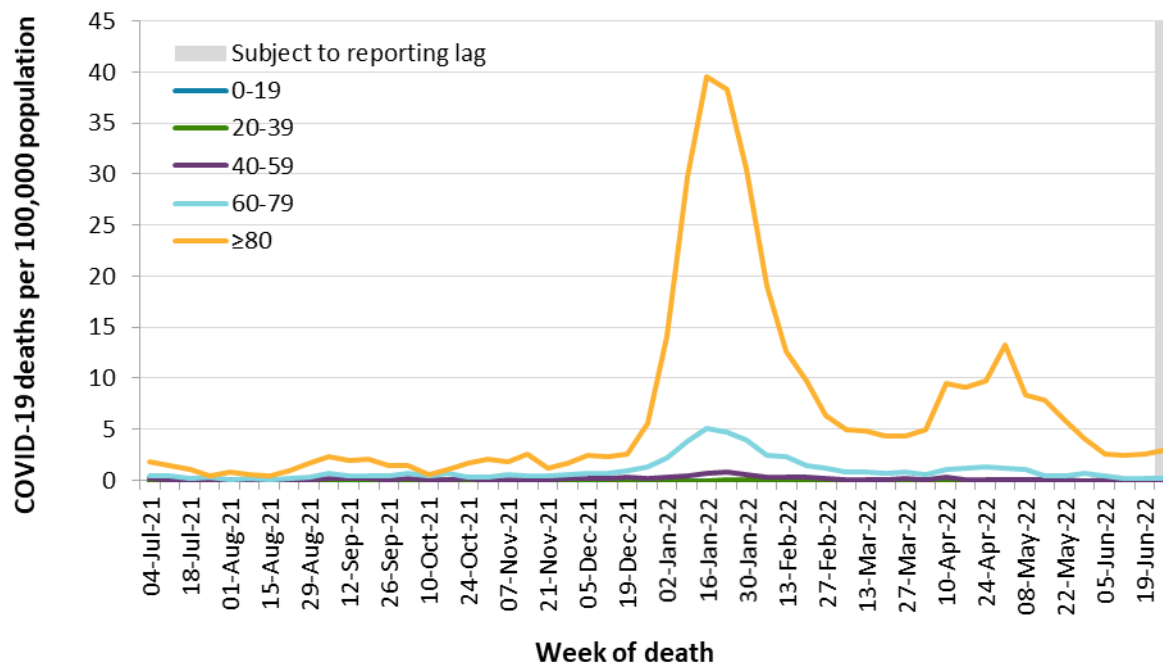
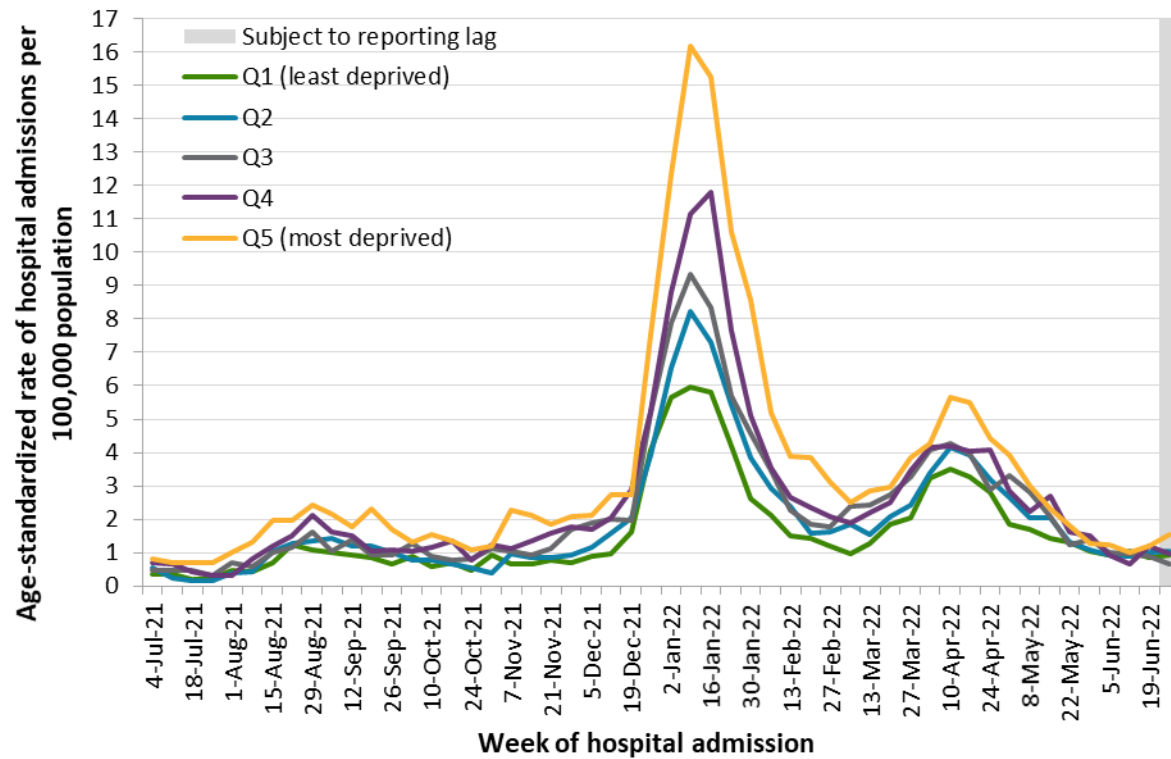


Figure 4b. Confirmed COVID-19 deaths (per 100,000 population), by age group and week of death



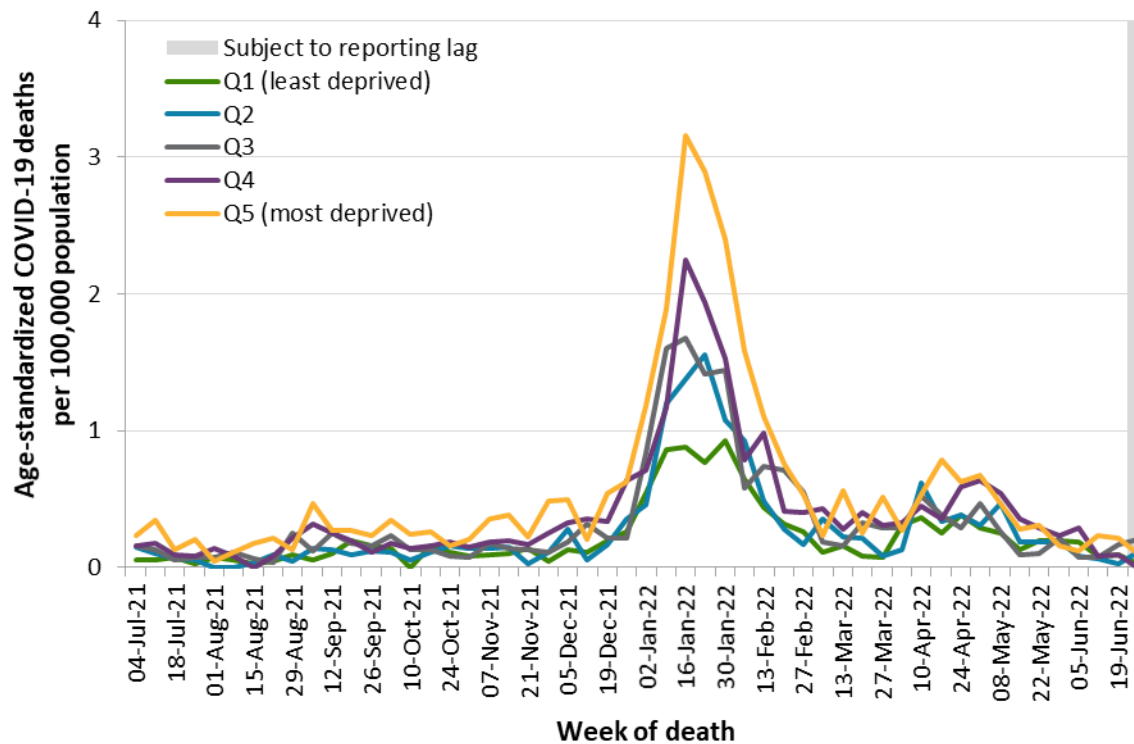
Severity by Neighbourhood Material Deprivation

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

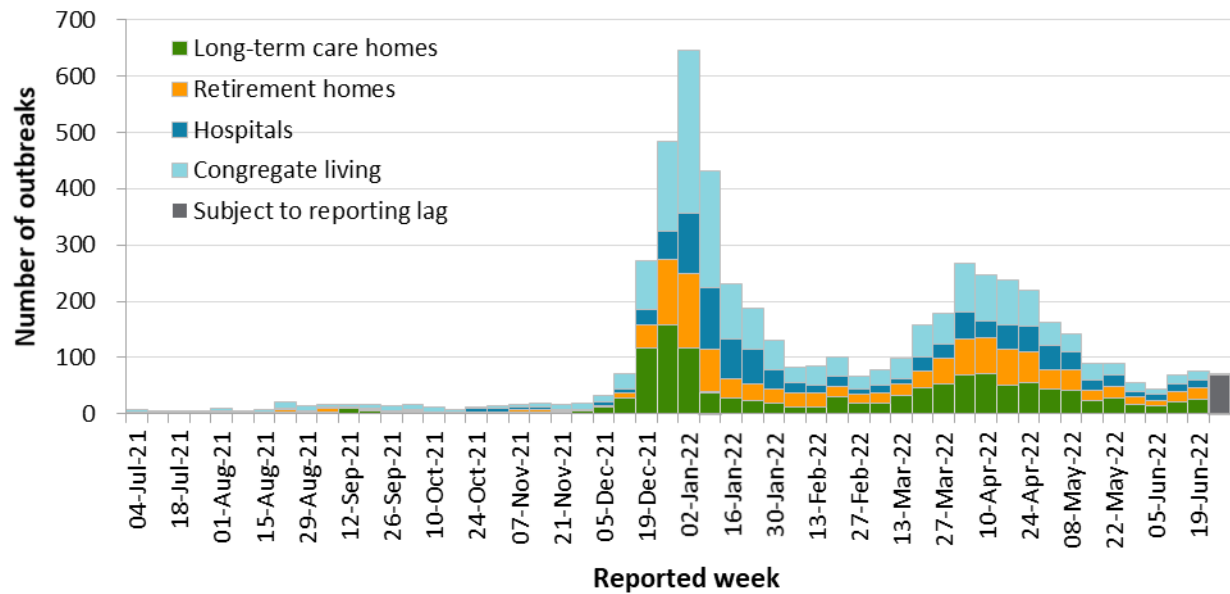
Figure 5b. Confirmed COVID-19 deaths (per 100,000 population), by quintile of neighbourhood material deprivation and week of death



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 June 19 to 25, 2022	Reported June 26 to July 2, 2022	Ongoing outbreaks	Reported Past 52 Weeks (July 4, 2021 to July 2, 2022)
Congregate Care	60	56	140	3,448
Long-term care homes	25	17	65	1,304
Retirement homes	21	22	51	1,149
Hospitals	14	17	24	995
Congregate Living	15	14	27	1,924
Correctional facility	1	0	1	103
Shelter	2	3	4	349
Group home/supportive housing	12	11	22	1,472
Total number of outbreaks*	75	70	167	5,372

*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 June 19 to 25, 2022	Reported June 26 to July 2, 2022	Reported Past 52 Weeks (July 4, 2021 to July 2, 2022)
Congregate Care	653	660	58,939
Long-term care homes	411	333	34,863
Retirement homes	157	256	15,103
Hospitals	85	71	8,973
Congregate Living	120	38	12,568
Correctional facility	9	1	3,982
Shelter	12	6	2,449
Group home/supportive housing	99	31	6,137
Total number of cases*	773	698	71,507

*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:
 - **July 5, 2022 at 1 p.m.** for cases reported from January 1, 2022 onwards
 - **July 4, 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

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

Public Health Unit Name	Cases June 19 to 25, 2022	Cases per 100,000 population June 19 to 25, 2022	Cases June 26 to July 2, 2022	Cases per 100,000 population June 26 to July 2, 2022	Cases per 100,000 population Past 52 weeks (July 4, 2021 to July 2, 2022)
Northwestern Health Unit	144	177.4	208	256.2	10,910.9
Thunder Bay District Health Unit	101	64.0	116	73.6	6,180.5
TOTAL NORTH WEST	245	102.6	324	135.6	7,788.1
Algoma Public Health	50	42.4	38	32.2	6,993.4
North Bay Parry Sound District Health Unit	33	25.5	32	24.7	4,306.0
Porcupine Health Unit	24	28.2	49	57.6	6,363.5
Public Health Sudbury & Districts	76	37.0	112	54.6	6,590.3
Timiskaming Health Unit	3	8.9	2	5.9	5,250.1
TOTAL NORTH EAST	186	32.6	233	40.8	6,043.2
Ottawa Public Health	417	40.0	486	46.6	4,566.4
Eastern Ontario Health Unit	58	26.9	67	31.0	5,363.2
Hastings Prince Edward Public Health	50	28.9	59	34.1	5,407.0
Kingston, Frontenac and Lennox & Addington Public Health	106	50.7	101	48.3	7,721.6
Leeds, Grenville & Lanark District Health Unit	80	44.5	87	48.3	4,419.1

Public Health Unit Name	Cases June 19 to 25, 2022	Cases per 100,000 population June 19 to 25, 2022	Cases June 26 to July 2, 2022	Cases per 100,000 population June 26 to July 2, 2022	Cases per 100,000 population Past 52 weeks (July 4, 2021 to July 2, 2022)
Renfrew County and District Health Unit	22	20.3	38	35.0	3,814.7
TOTAL EASTERN	733	38.0	838	43.4	5,017.0
Durham Region Health Department	212	29.8	275	38.7	5,372.7
Haliburton, Kawartha, Pine Ridge District Health Unit	53	27.8	50	26.2	3,874.1
Peel Public Health	455	29.1	552	35.3	4,982.3
Peterborough Public Health	43	29.0	41	27.7	4,106.2
Simcoe Muskoka District Health Unit	217	35.9	224	37.1	5,717.5
York Region Public Health	558	46.5	650	54.2	5,095.2
TOTAL CENTRAL EAST	1,538	34.8	1,792	40.6	5,099.2
Toronto Public Health	1,321	44.2	1,600	53.5	5,424.9
TOTAL TORONTO	1,321	44.2	1,600	53.5	5,424.9
Chatham-Kent Public Health	46	43.1	40	37.5	6,557.9
Grey Bruce Health Unit	27	15.3	26	14.8	4,111.3
Huron Perth Public Health	23	15.7	27	18.5	3,778.6
Lambton Public Health	23	17.3	47	35.3	6,292.3
Middlesex-London Health Unit	172	33.7	182	35.6	5,138.2

Public Health Unit Name	Cases June 19 to 25, 2022	Cases per 100,000 population June 19 to 25, 2022	Cases June 26 to July 2, 2022	Cases per 100,000 population June 26 to July 2, 2022	Cases per 100,000 population Past 52 weeks (July 4, 2021 to July 2, 2022)
Southwestern Public Health	44	20.1	67	30.6	4,659.0
Windsor-Essex County Health Unit	109	25.3	162	37.6	6,405.9
TOTAL SOUTH WEST	444	25.8	551	32.0	5,351.0
Brant County Health Unit	42	27.4	63	41.0	5,273.6
City of Hamilton Public Health Services	279	48.0	393	67.6	6,575.5
Haldimand-Norfolk Health Unit	21	17.5	30	25.0	5,148.0
Halton Region Public Health	209	34.2	246	40.3	5,335.8
Niagara Region Public Health	124	25.7	135	28.0	5,303.0
Region of Waterloo Public Health and Emergency Services	208	34.4	192	31.7	4,851.9
Wellington-Dufferin-Guelph Public Health	70	22.4	102	32.7	4,607.8
TOTAL CENTRAL WEST	953	33.3	1,161	40.5	5,389.3
TOTAL ONTARIO	5,420	36.8	6,499	44.1	5,320.5

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 June 19 to 25, 2022	Hospital admissions per 100,000 population June 19 to 25, 2022	Hospital admissions June 26 to July 2, 2022	Hospital admissions per 100,000 population June 26 to July 2, 2022	Hospital admissions Past 52 weeks (July 4, 2021 to July 2, 2022)	Hospital admissions per 100,000 population Past 52 weeks (July 4, 2021 to July 2, 2022)
Total Cases	195	1.3	197	1.3	21,755	147.7
Sex: Female	97	1.3	97	1.3	9,883	132.6
Sex: Male	98	1.3	100	1.4	11,835	162.6
Sex: Did not specify female or male	0	N/A	0	N/A	37	N/A
Ages: <1	9	6.3	5	3.5	492	345.5
Ages: 1 – 4	4	0.7	5	0.9	373	64.2
Ages: 5 – 11	0	0.0	2	0.2	194	18.0
Ages: 12 – 19	0	0.0	2	0.2	261	19.6
Ages: 20 – 39	12	0.3	11	0.3	1,733	41.7
Ages: 40 – 59	27	0.7	17	0.4	3,505	90.0
Ages: 60 – 79	60	2.1	64	2.2	8,374	288.8
Ages: 80 and over	83	12.7	91	13.9	6,823	1,040.4
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 June 19 to 25, 2022	Deaths per 100,000 population June 19 to 25, 2022	Deaths June 26 to July 2, 2022	Deaths per 100,000 population June 26 to July 2, 2022	Deaths Past 52 weeks (July 4, 2021 to July 2, 2022)	Deaths per 100,000 population Past 52 weeks (July 4, 2021 to July 2, 2022)
Total Cases	27	0.2	25	0.2	4,225	28.7
Sex: Female	9	0.1	10	0.1	1,808	24.3
Sex: Male	18	0.2	15	0.2	2,406	33.1
Sex: Did not specify female or male	0	N/A	0	N/A	11	N/A
Ages: 0 – 19	0	0.0	0	0.0	12	0.4
Ages: 20 – 39	0	0.0	0	0.0	68	1.6
Ages: 40 – 59	3	0.1	1	<0.1	364	9.3
Ages: 60 – 79	7	0.2	5	0.2	1,509	52.0
Ages: 80 and over	17	2.6	19	2.9	2,272	346.4
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 Wave	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)	9,587	464	4.8%
Wave 6 (March 1, 2022 to June 18, 2022)	7,539	195	2.6%
Wave 7 (June 19, 2022 to July 2, 2022)*	619	5	0.8%
Total	33,469	4,620	13.8%

*Wave 7 is ongoing and only includes cases up to July 2, 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 – June 26, 2022 to July 2, 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.

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.