

WEEKLY EPIDEMIOLOGICAL SUMMARY

COVID-19 in Ontario: June 5, 2022 to June 11, 2022 (Week 23)

Published: June 16, 2022

This report includes the most current information available from the Public Health Case and Contact Management Solution (CCM) as of **June 14, 2022** unless otherwise specified.

Figures and tables in this report present the most recent 52 weeks of data for Ontario, ranging from **June 13, 2021 to June 11, 2022**.

Interpretation notes:

- Testing and case, contact, and outbreak management in Ontario is currently restricted to high-risk populations and settings. As such, case counts in this report are an underestimate of the true number of individuals with COVID-19 in Ontario.
- On December 31, 2021, COVID-19 test eligibility was updated which changed the population being tested.
- 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 dropped 6% among those eligible for testing:** The number of reported cases in Ontario declined for a seventh week in a row to 5,033 cases this week, down from 5,336 last week. The case rate in the North West is 4 to 7 times higher than other regions. Across age groups, the case rate in the 80 and older age group is 2 to 7 times higher than other age groups. Differences in rates across regions and age groups could be due, in part, to differences in access to testing in these populations.
- **Percent positivity and testing volume continue to decline:** Percent positivity declined for the eighth week in a row to 7% this week, down from 8% last week. Testing volume decreased to 62,717 tests last week, compared to 66,707 tests last week.

Severity

- **Hospital admission and deaths are down this week:** Hospital admissions and deaths continue to decrease from their wave 6 peaks. Ontarians 80 years and older continue to experience notably higher rates of hospitalizations and deaths, compared to other age groups.

Outbreaks

- **Outbreaks in high-risk settings down this week:** The total number of outbreaks in high-risk settings continued a nine week decline to 38 this week, compared to 55 last week. With the exception of hospitals, which saw 11 outbreaks this week compared to 9 last week, all congregate care and congregate living settings had fewer outbreaks this week compared to last week.
- **Outbreak-associated cases in high-risk settings dropped 30%:** All high-risk settings reported fewer outbreak-associated cases this week compared to last week. Of note, there were no correctional facility outbreaks or outbreak-associated cases reported this week.

Cases

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

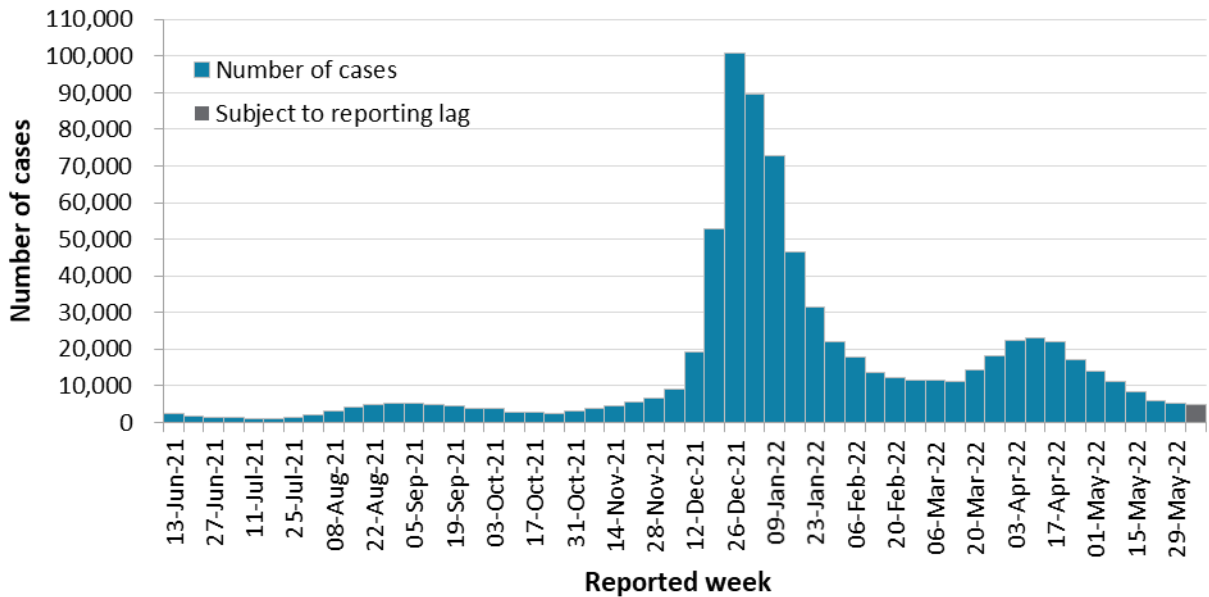
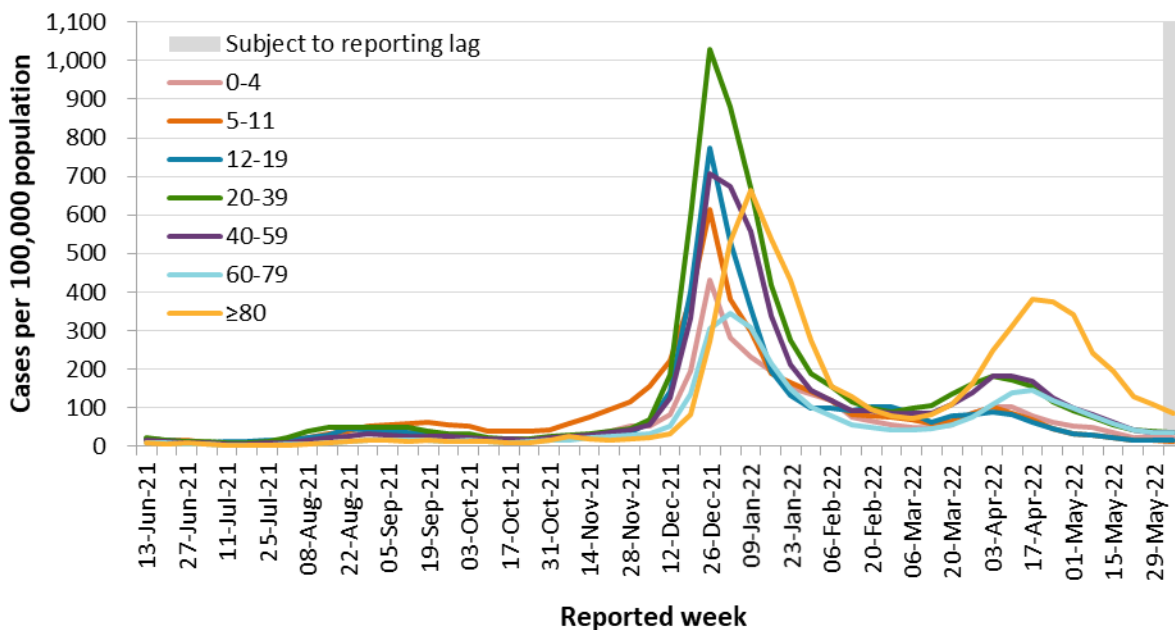


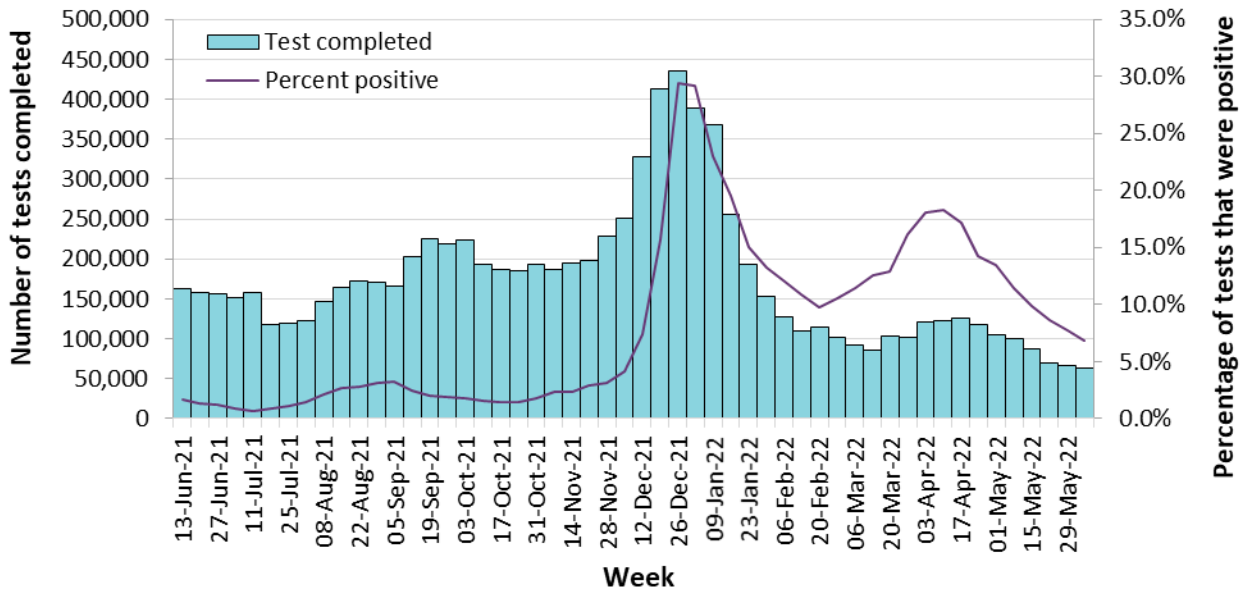
Figure 1b. Confirmed cases of COVID-19 (per 100,000 population), by age group and reported week



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

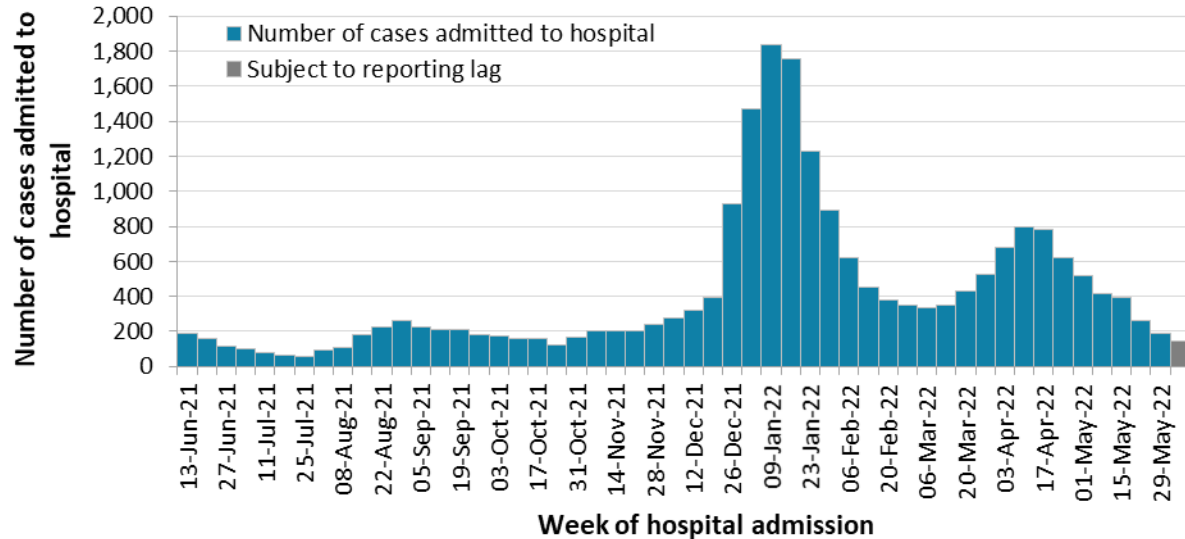
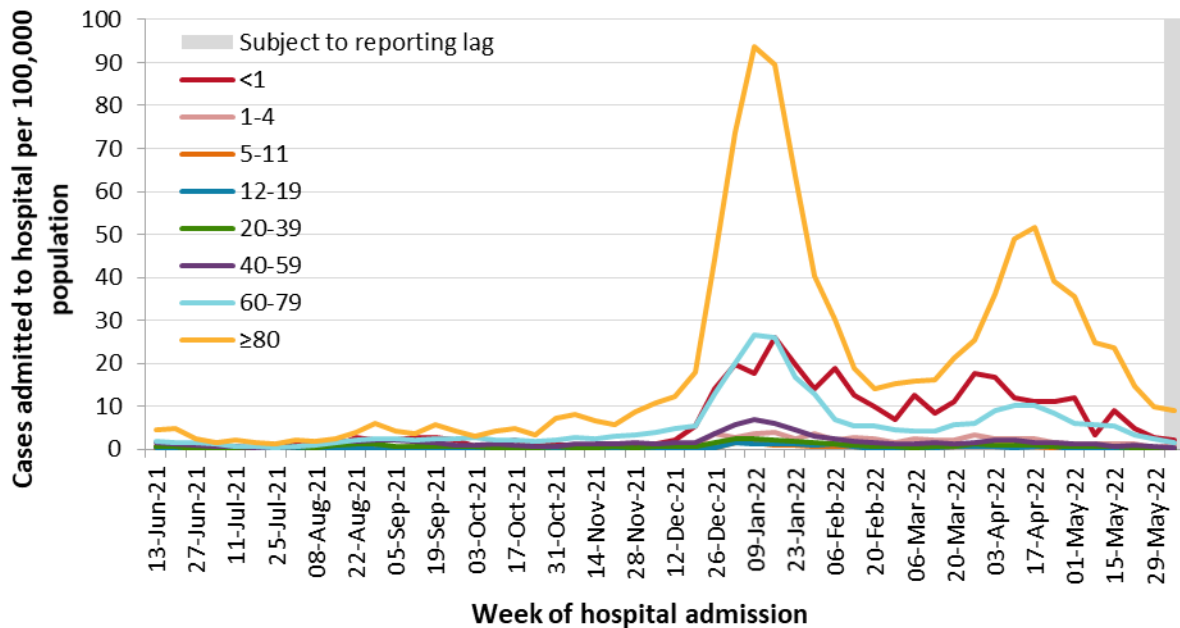


Figure 3b. Confirmed COVID-19 cases that were admitted to hospital (per 100,000 population), by age group and hospital admission date



Note: Not all cases have an age reported.

Deaths

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

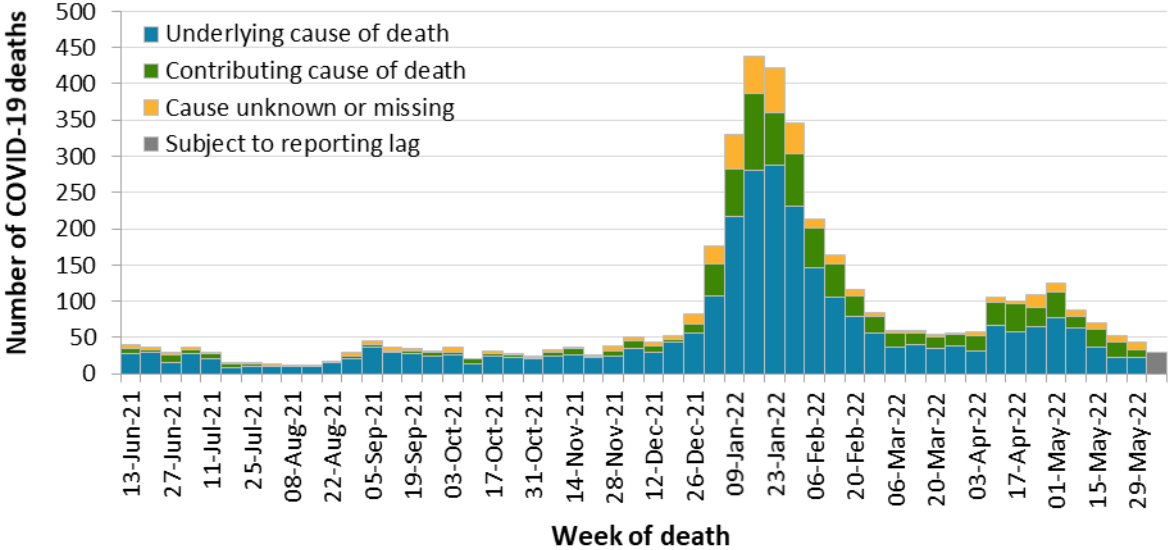
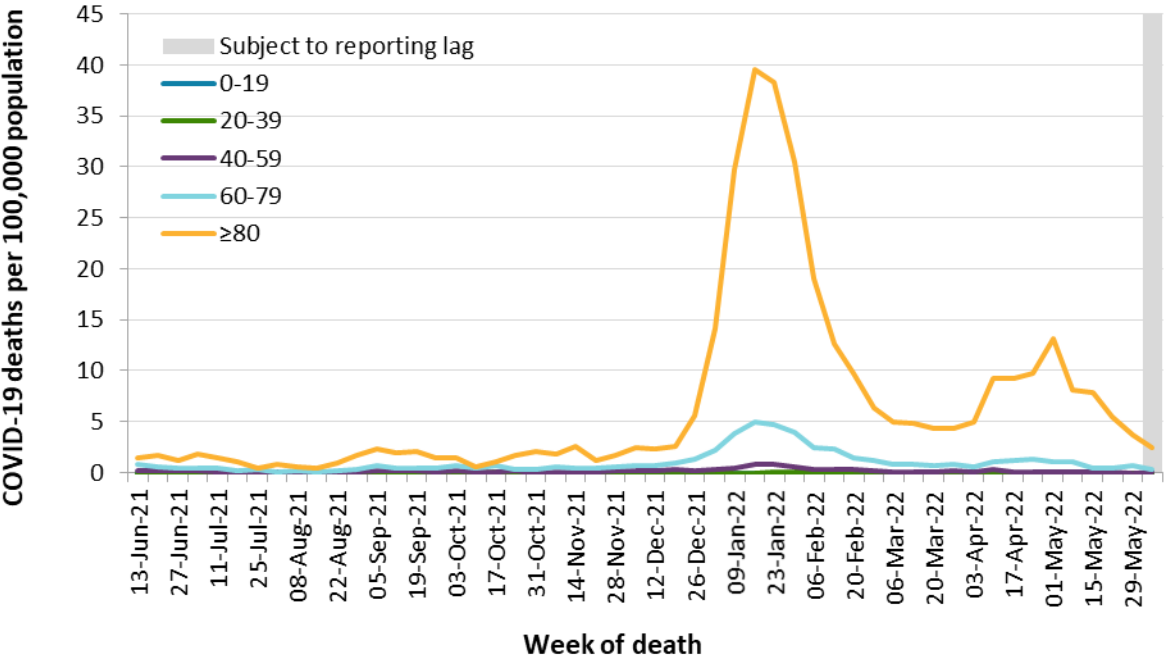
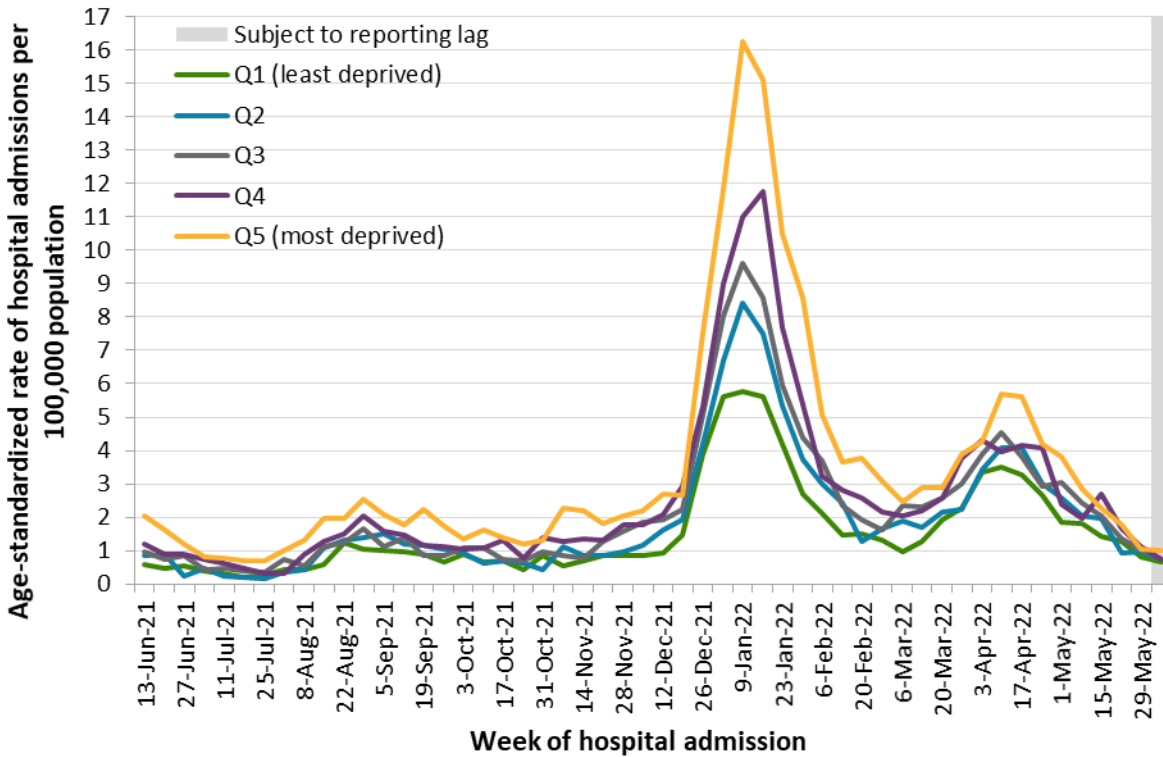


Figure 4b. Confirmed COVID-19 deaths (per 100,000 population), by age group and week of death



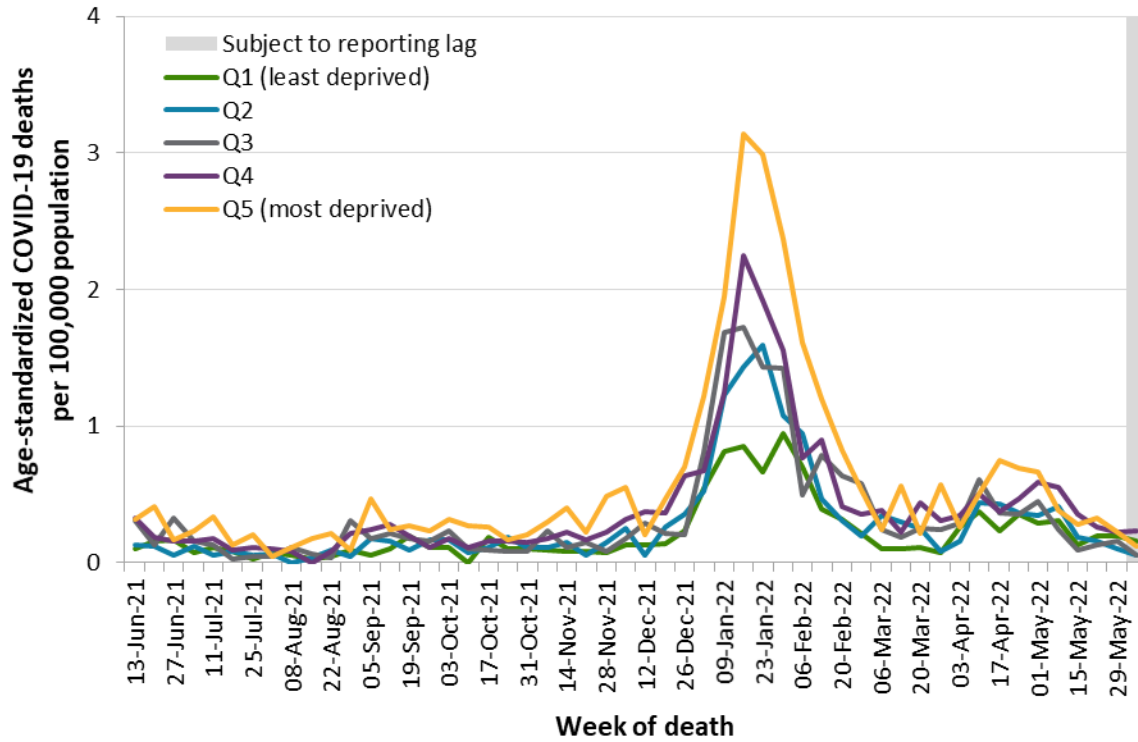
Severity by Neighbourhood Material Deprivation

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

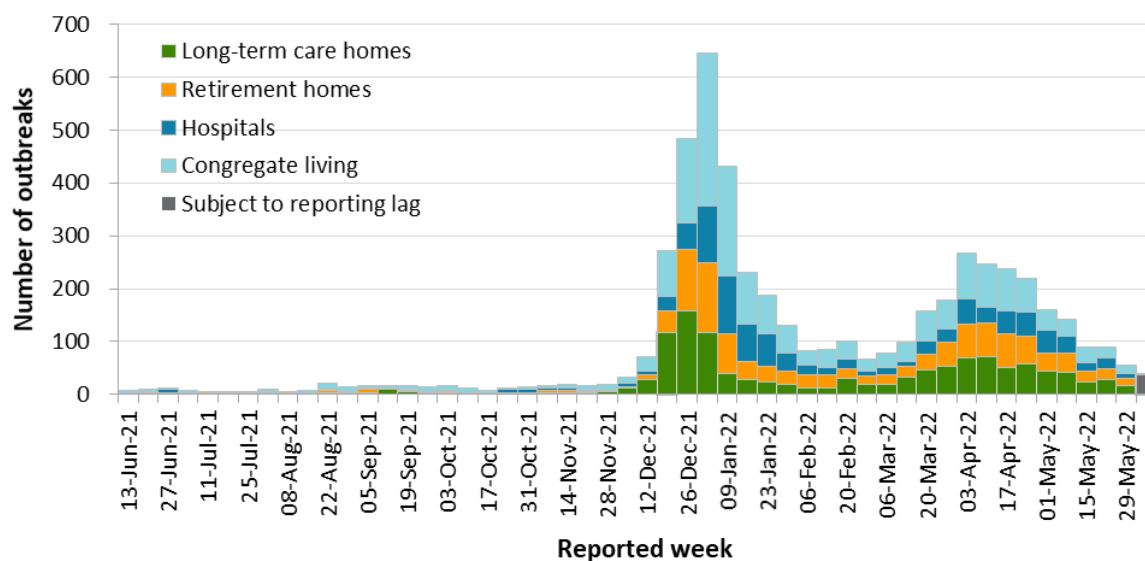
Figure 5b. Confirmed COVID-19 deaths (per 100,000 population), by quintile of neighbourhood material deprivation and week of death



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 May 29 to June 4, 2022	Reported June 5 to 11, 2022	Ongoing outbreaks	Reported Past 52 Weeks (June 13, 2021 to June 11, 2022)
Congregate Care	39	30	96	3,291
Long-term care homes	17	11	53	1,240
Retirement homes	13	8	26	1,092
Hospitals	9	11	17	959
Congregate Living	16	8	20	1,890
Correctional facility	1	0	0	105
Shelter	2	0	1	345
Group home/supportive housing	13	8	19	1,440
Total number of outbreaks*	55	38	116	5,181

*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 May 29 to June 4, 2022	Reported June 5 to 11, 2022	Reported Past 52 Weeks (June 13, 2021 to June 11, 2022)
Congregate Care	602	418	57,176
Long-term care homes	442	321	33,828
Retirement homes	97	52	14,573
Hospitals	63	45	8,775
Congregate Living	54	40	12,550
Correctional facility	5	0	4,058
Shelter	3	1	2,483
Group home/supportive housing	46	39	6,009
Total number of cases*	656	458	69,726

*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:
 - **June 14, 2022 at 1 p.m.** for cases reported from December 1, 2021 onwards
 - **June 13, 2022 at 9 a.m.** for cases reported from January 1, 2021 to November 30, 2021
 - **May 27, 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 May 29 to June 4, 2022	Cases per 100,000 population May 29 to June 4, 2022	Cases June 5 to 11, 2022	Cases per 100,000 population June 5 to 11, 2022	Cases per 100,000 population Past 52 weeks (June 13, 2021 to June 11, 2022)
Northwestern Health Unit	354	436.0	215	264.8	10,235.9
Thunder Bay District Health Unit	144	91.3	155	98.3	5,988.4
TOTAL NORTH WEST	498	208.5	370	154.9	7,431.8
Algoma Public Health	37	31.4	34	28.9	6,885.6
North Bay Parry Sound District Health Unit	40	30.9	29	22.4	4,326.1
Porcupine Health Unit	43	50.6	21	24.7	6,500.0
Public Health Sudbury & Districts	82	39.9	81	39.5	6,482.6
Timiskaming Health Unit	11	32.5	11	32.5	5,205.8
TOTAL NORTH EAST	213	37.3	176	30.8	6,004.5
Ottawa Public Health	284	27.2	306	29.3	4,475.2
Eastern Ontario Health Unit	52	24.1	38	17.6	5,299.3
Hastings Prince Edward Public Health	52	30.1	58	33.6	5,324.3
Kingston, Frontenac and Lennox & Addington Public Health	116	55.4	102	48.8	7,575.4

Public Health Unit Name	Cases May 29 to June 4, 2022	Cases per 100,000 population May 29 to June 4, 2022	Cases June 5 to 11, 2022	Cases per 100,000 population June 5 to 11, 2022	Cases per 100,000 population Past 52 weeks (June 13, 2021 to June 11, 2022)
Leeds, Grenville & Lanark District Health Unit	88	48.9	59	32.8	4,300.2
Renfrew County and District Health Unit	22	20.3	31	28.6	3,751.1
TOTAL EASTERN	614	31.8	594	30.8	4,922.6
Durham Region Health Department	234	32.9	219	30.8	5,306.8
Haliburton, Kawartha, Pine Ridge District Health Unit	54	28.3	39	20.4	3,844.2
Peel Public Health	460	29.4	484	31.0	4,933.8
Peterborough Public Health	52	35.1	42	28.4	4,057.6
Simcoe Muskoka District Health Unit	193	31.9	218	36.1	5,635.5
York Region Public Health	519	43.2	478	39.8	4,987.7
TOTAL CENTRAL EAST	1,512	34.2	1,480	33.5	5,028.1
Toronto Public Health	1,250	41.8	1,204	40.3	5,307.4
TOTAL TORONTO	1,250	41.8	1,204	40.3	5,307.4
Chatham-Kent Public Health	41	38.5	19	17.8	6,478.1
Grey Bruce Health Unit	35	19.9	39	22.1	4,250.4
Huron Perth Public Health	19	13.0	28	19.1	3,766.3
Lambton Public Health	35	26.3	30	22.6	6,270.5

Public Health Unit Name	Cases May 29 to June 4, 2022	Cases per 100,000 population May 29 to June 4, 2022	Cases June 5 to 11, 2022	Cases per 100,000 population June 5 to 11, 2022	Cases per 100,000 population Past 52 weeks (June 13, 2021 to June 11, 2022)
Middlesex-London Health Unit	189	37.0	114	22.3	5,084.1
Southwestern Public Health	58	26.5	42	19.2	4,621.1
Windsor-Essex County Health Unit	122	28.3	118	27.4	6,342.8
TOTAL SOUTH WEST	499	29.0	390	22.6	5,320.9
Brant County Health Unit	28	18.2	26	16.9	5,215.0
City of Hamilton Public Health Services	201	34.6	220	37.8	6,470.4
Haldimand-Norfolk Health Unit	16	13.3	21	17.5	5,102.2
Halton Region Public Health	182	29.8	168	27.5	5,264.7
Niagara Region Public Health	149	30.9	158	32.8	5,257.5
Region of Waterloo Public Health and Emergency Services	108	17.8	152	25.1	4,948.2
Wellington-Dufferin-Guelph Public Health	66	21.2	74	23.7	4,574.4
TOTAL CENTRAL WEST	750	26.2	819	28.6	5,356.8
TOTAL ONTARIO	5,336	36.2	5,033	34.2	5,245.9

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 May 29 to June 4, 2022	Hospital admissions per 100,000 population May 29 to June 4, 2022	Hospital admissions June 5 to 11, 2022	Hospital admissions per 100,000 population June 5 to 11, 2022	Hospital admissions Past 52 weeks (June 13, 2021 to June 11, 2022)	Hospital admissions per 100,000 population Past 52 weeks (June 13, 2021 to June 11, 2022)
Total Cases	186	1.3	143	1.0	21,464	145.7
Sex: Female	96	1.3	68	0.9	9,755	130.9
Sex: Male	90	1.2	75	1.0	11,672	160.3
Sex: Did not specify female or male	0	N/A	0	N/A	37	N/A
Ages: <1	4	2.8	3	2.1	475	333.6
Ages: 1 – 4	2	0.3	5	0.9	360	62.0
Ages: 5 – 11	2	0.2	2	0.2	193	17.9
Ages: 12 – 19	5	0.4	2	0.2	272	20.5
Ages: 20 – 39	11	0.3	9	0.2	1,756	42.3
Ages: 40 – 59	23	0.6	16	0.4	3,566	91.5
Ages: 60 – 79	75	2.6	46	1.6	8,263	285.0
Ages: 80 and over	64	9.8	60	9.1	6,579	1,003.1
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 May 29 to June 4, 2022	Deaths per 100,000 population May 29 to June 4, 2022	Deaths June 5 to 11, 2022	Deaths per 100,000 population June 5 to 11, 2022	Deaths Past 52 weeks (June 13, 2021 to June 11, 2022)	Deaths per 100,000 population Past 52 weeks (June 13, 2021 to June 11, 2022)
Total Cases	43	0.3	30	0.2	4,241	28.8
Sex: Female	24	0.3	14	0.2	1,817	24.4
Sex: Male	19	0.3	16	0.2	2,413	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	1	<0.1	70	1.7
Ages: 40 – 59	0	0.0	3	0.1	382	9.8
Ages: 60 – 79	19	0.7	10	0.3	1,538	53.0
Ages: 80 and over	24	3.7	16	2.4	2,239	341.4
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	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)	6,013	1,906	31.7%
Wave 2 (September 1, 2020 to February 28, 2021)	9,053	1,946	21.5%
Wave 3 (March 1, 2021 to July 31, 2021)	409	58	14.2%
Wave 4 (August 1, 2021 to December 14, 2021)	241	43	17.8%
Wave 5 (December 15, 2021 to February 28, 2022)	9,477	452	4.8%
Wave 6 (March 1, 2022 to June 11, 2022)*	7,251	182	2.5%
Total	32,444	4,587	14.1%

*Wave 6 is ongoing and only includes cases up to June 11, 2022. Therefore, the case fatality rate for the time period of wave 6 presented here may increase.

Citation

Ontario Agency for Health Protection and Promotion (Public Health Ontario). Weekly epidemiologic summary: COVID-19 in Ontario – June 5, 2022 to June 11, 2022. Toronto, ON: Queen’s Printer for Ontario; 2022.

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