

## WEEKLY EPIDEMIOLOGICAL SUMMARY

# COVID-19 in Ontario: Focus on June 12, 2022 to June 18, 2022 (Week 24)

**Published: June 23, 2022**

This report includes the most current information available from the Public Health Case and Contact Management Solution (CCM) as of **June 21, 2022** unless otherwise specified.

Figures and tables in this report present the most recent 52 weeks of data for Ontario, ranging from **June 20, 2021 to June 18, 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 dropped 14% among those eligible for testing:** The number of reported cases in Ontario declined for an eighth week in a row to 4,350 cases this week, down from 5,050 last week. Among regions, the North West has the highest case rate, which is 4 times higher than the provincial rate. Among age groups, those 80 and older have the highest case rate, which is 3 times higher than the provincial rate. 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 is stable:** Percent positivity was 6.8% this week, similar to 6.9% last week. Testing volume was 62,355 tests this week, similar to 62,717 tests last week.

## Severity

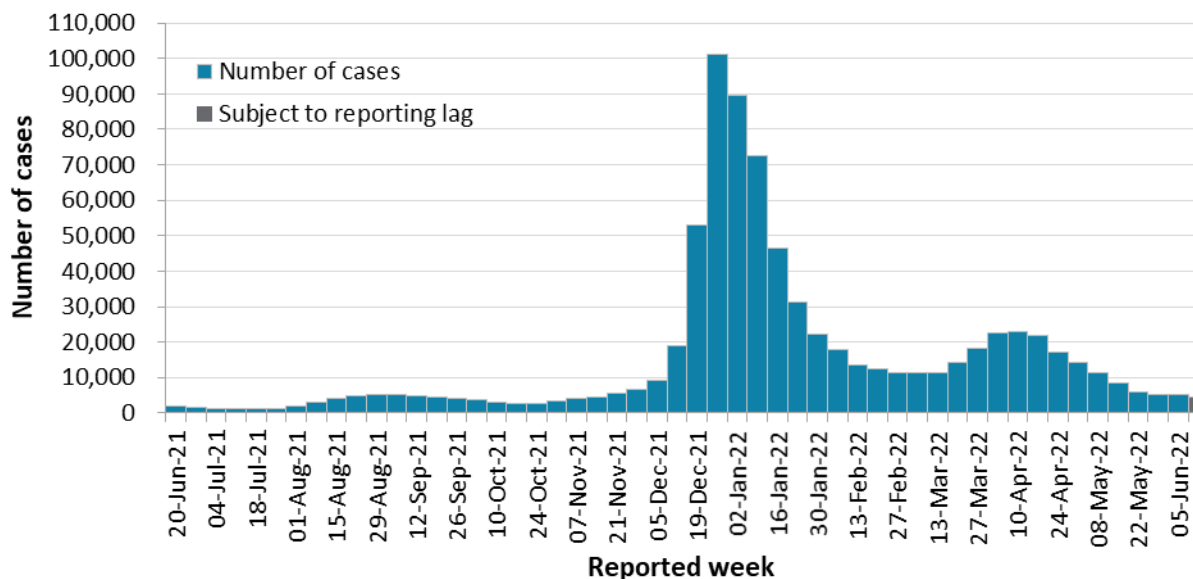
- **Hospital admissions and deaths are down this week:** Hospital admissions and deaths continue to decrease from their wave 6 peaks. Ontarians 80 years and older continue to have higher rates of hospitalizations and deaths, compared to other age groups.

## Outbreaks

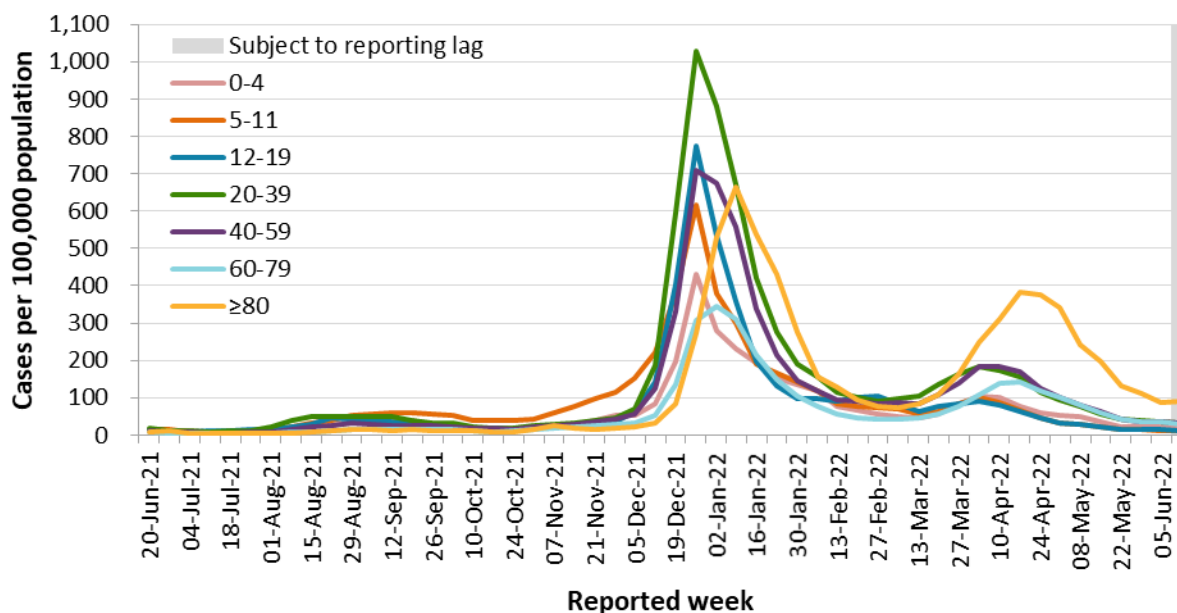
- **Outbreaks in some high-risk settings are up this week:** The total number of outbreaks in high-risk settings increased to 61 this week, compared to 42 last week. With the exception of shelters and correctional facilities, where no new outbreak were reported this week, all congregate care and congregate living settings reported more outbreaks this week compared to last week.
- **Outbreak-associated cases in high-risk settings were stable overall:** There were 488 outbreak-associated cases reported this week compared to 487 last week. However, 116 cases were reported in retirement homes compared to 56 last week and 84 cases were reported in hospitals compared to 49 last week. There were fewer outbreak-associated cases reported in all other high risk settings.

## Cases

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



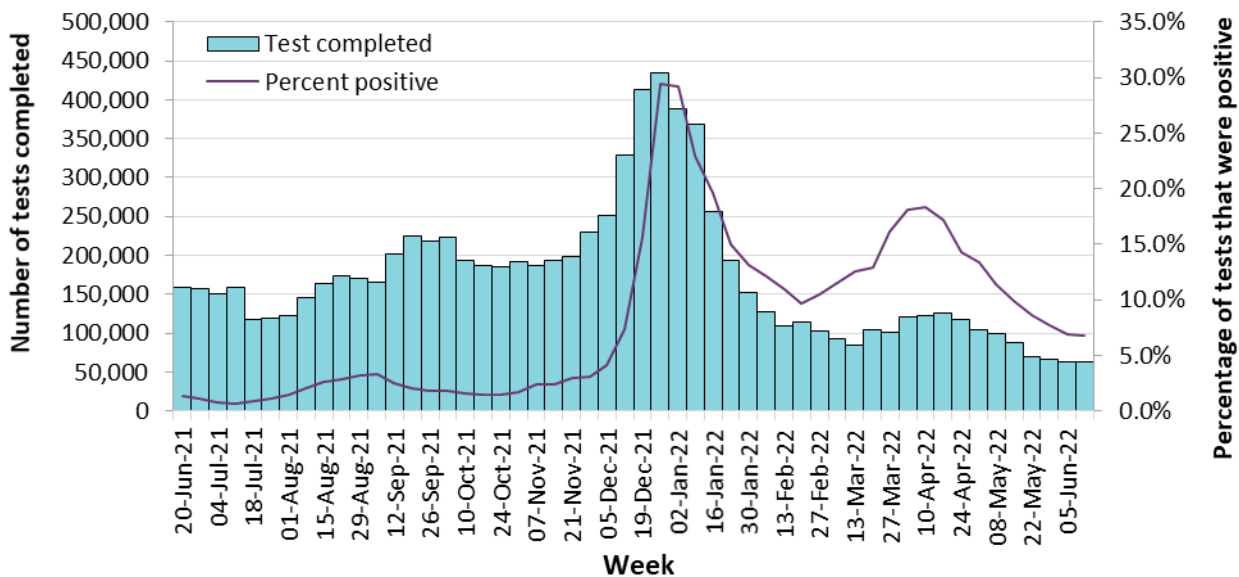
**Figure 1b. Confirmed cases of COVID-19 (per 100,000 population), by age group and reported week**



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

## Testing

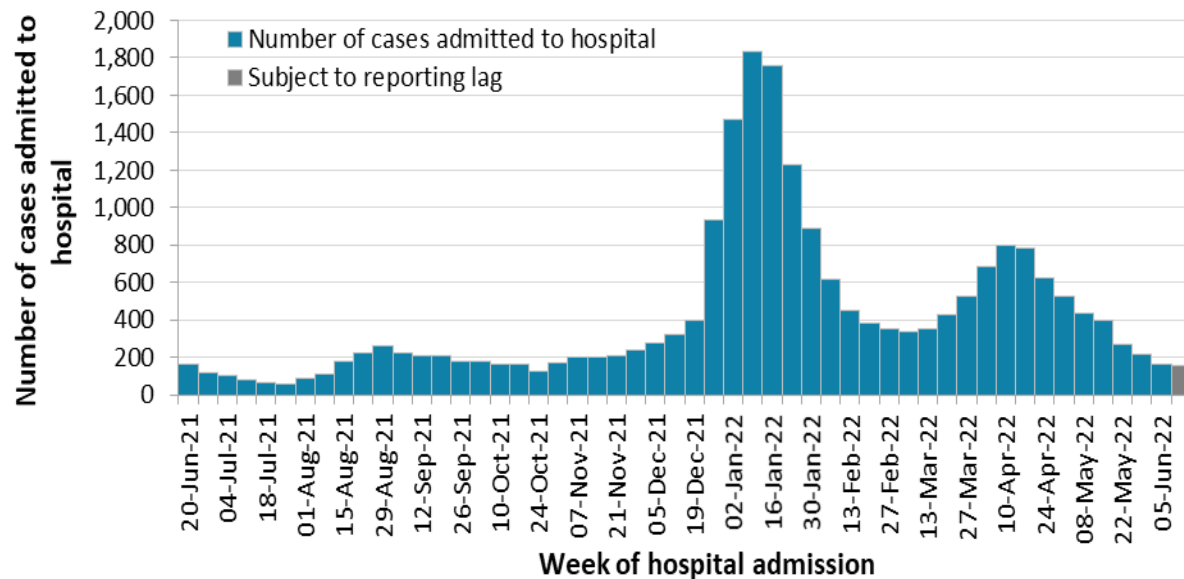
**Figure 2. Weekly COVID-19 tests completed and percent positivity**



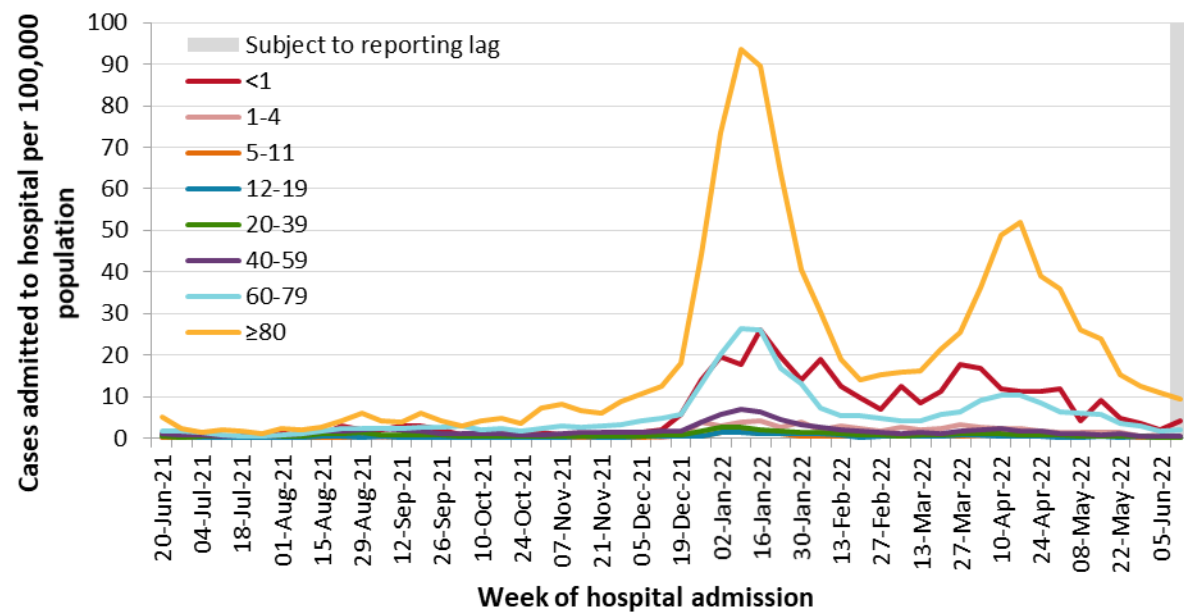
**Data Source:** The Provincial COVID-19 Diagnostics Network, data reported by member microbiology laboratories.

## Hospital Admissions

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



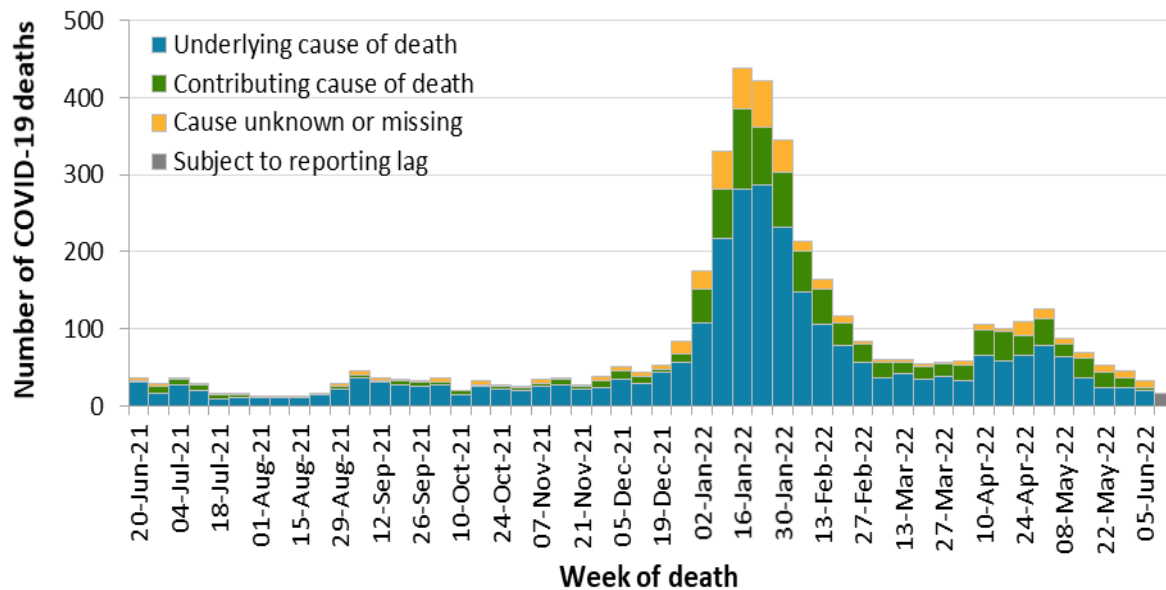
**Figure 3b. Confirmed COVID-19 cases that were admitted to hospital (per 100,000 population), by age group and hospital admission date**



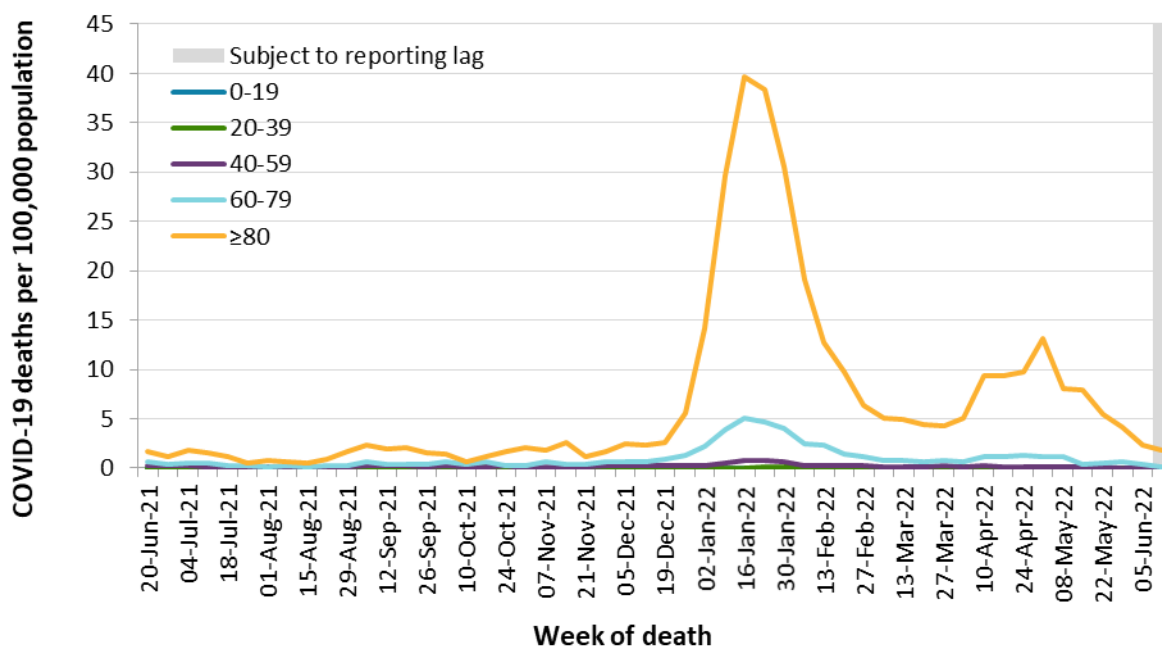
**Note:** Not all cases have an age reported.

# Deaths

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

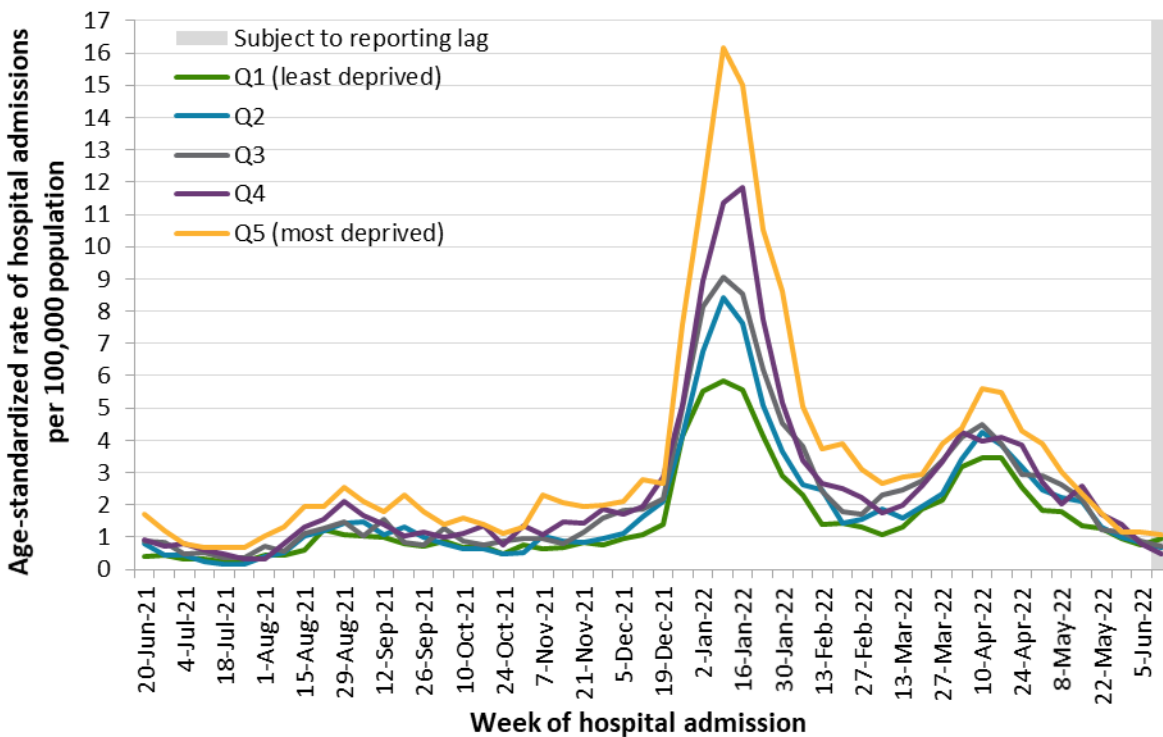


**Figure 4b. Confirmed COVID-19 deaths (per 100,000 population), by age group and week of death**



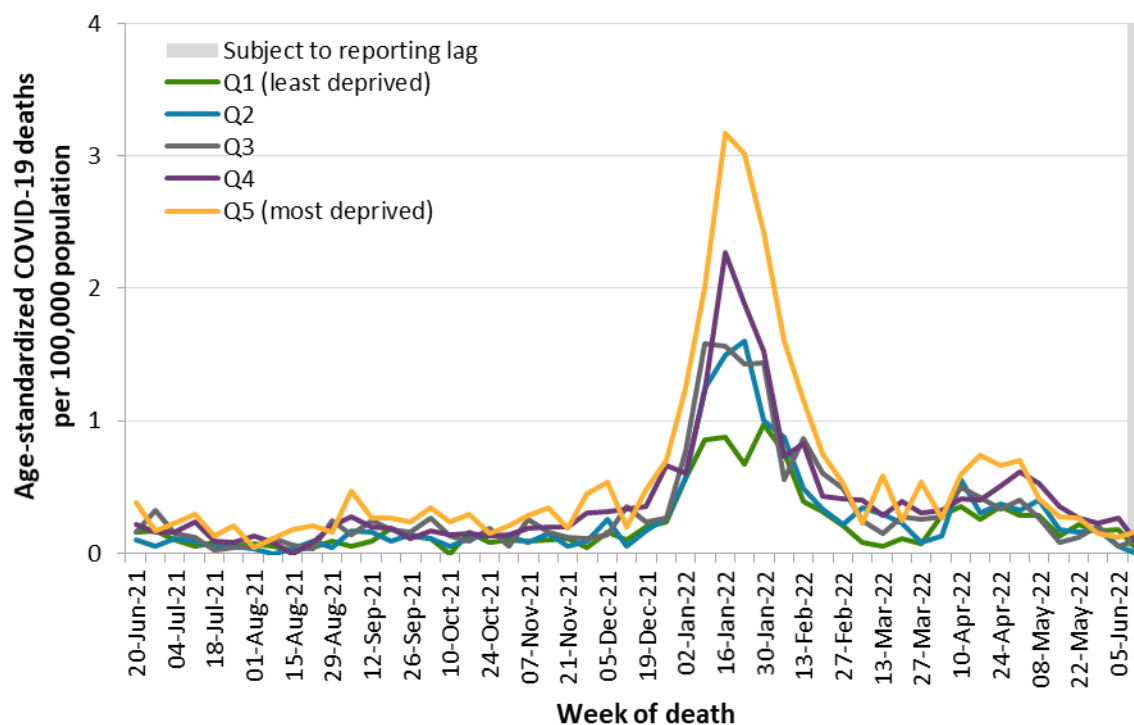
## Severity by Neighbourhood Material Deprivation

**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**

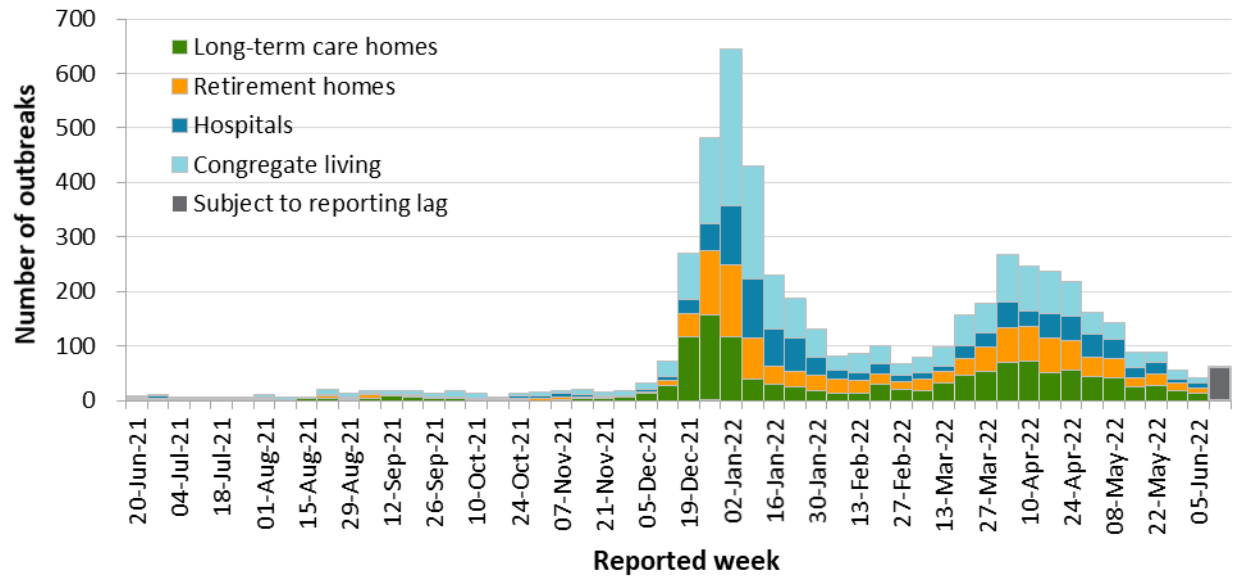


Data Source: CCM, ON-Marg 2016



## 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 5 to 11, 2022	Reported June 12 to 18, 2022	Ongoing outbreaks	Reported Past 52 Weeks (June 20, 2021 to June 18, 2022)
<b>Congregate Care</b>	<b>33</b>	<b>45</b>	<b>100</b>	<b>3,337</b>
Long-term care homes	13	17	50	1,260
Retirement homes	9	15	30	1,107
Hospitals	11	13	20	970
<b>Congregate Living</b>	<b>9</b>	<b>16</b>	<b>23</b>	<b>1,902</b>
Correctional facility	0	0	0	103
Shelter	1	0	1	345
Group home/supportive housing	8	16	22	1,454
<b>Total number of outbreaks*</b>	<b>42</b>	<b>61</b>	<b>123</b>	<b>5,239</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 June 5 to 11, 2022	Reported June 12 to 18, 2022	Reported Past 52 Weeks (June 20, 2021 to June 18, 2022)
<b>Congregate Care</b>	<b>445</b>	<b>464</b>	<b>57,619</b>
Long-term care homes	340	264	34,076
Retirement homes	56	116	14,702
Hospitals	49	84	8,841
<b>Congregate Living</b>	<b>42</b>	<b>24</b>	<b>12,488</b>
Correctional facility	0	0	4,016
Shelter	1	0	2,445
Group home/supportive housing	41	24	6,027
<b>Total number of cases*</b>	<b>487</b>	<b>488</b>	<b>70,107</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:
  - **June 21, 2022 at 1 p.m.** for cases reported from January 1, 2022 onwards
  - **June 20, 2022 at 9 a.m.** for cases reported from January 1, 2021 to December 31, 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 June 5 to 11, 2022	Cases per 100,000 population June 5 to 11, 2022	Cases June 12 to 18, 2022	Cases per 100,000 population June 12 to 18, 2022	Cases per 100,000 population Past 52 weeks (June 20, 2021 to June 18, 2022)
Northwestern Health Unit	228	280.8	176	216.8	10,458.8
Thunder Bay District Health Unit	155	98.3	106	67.2	6,047.3
<b>TOTAL NORTH WEST</b>	<b>383</b>	<b>160.3</b>	<b>282</b>	<b>118.0</b>	<b>7,546.5</b>
Algoma Public Health	34	28.9	40	33.9	6,918.7
North Bay Parry Sound District Health Unit	29	22.4	34	26.3	4,319.1
Porcupine Health Unit	21	24.7	22	25.9	6,405.9
Public Health Sudbury & Districts	81	39.5	85	41.4	6,513.3
Timiskaming Health Unit	11	32.5	10	29.5	5,235.4
<b>TOTAL NORTH EAST</b>	<b>176</b>	<b>30.8</b>	<b>191</b>	<b>33.4</b>	<b>6,008.5</b>
Ottawa Public Health	306	29.3	309	29.6	4,491.1
Eastern Ontario Health Unit	38	17.6	31	14.4	5,309.0
Hastings Prince Edward Public Health	57	33.0	39	22.6	5,346.3
Kingston, Frontenac and Lennox & Addington Public Health	101	48.3	116	55.4	7,627.0

Public Health Unit Name	Cases June 5 to 11, 2022	Cases per 100,000 population  June 5 to 11, 2022	Cases June 12 to 18, 2022	Cases per 100,000 population  June 12 to 18, 2022	Cases per 100,000 population  Past 52 weeks (June 20, 2021 to June 18, 2022)
Leeds, Grenville & Lanark District Health Unit	59	32.8	56	31.1	4,329.1
Renfrew County and District Health Unit	31	28.6	23	21.2	3,766.8
<b>TOTAL EASTERN</b>	<b>592</b>	<b>30.7</b>	<b>574</b>	<b>29.7</b>	<b>4,943.4</b>
Durham Region Health Department	220	30.9	184	25.9	5,317.3
Haliburton, Kawartha, Pine Ridge District Health Unit	40	21.0	23	12.1	3,840.0
Peel Public Health	482	30.8	401	25.6	4,938.8
Peterborough Public Health	42	28.4	31	20.9	4,065.7
Simcoe Muskoka District Health Unit	220	36.4	194	32.1	5,655.6
York Region Public Health	478	39.8	347	28.9	5,008.3
<b>TOTAL CENTRAL EAST</b>	<b>1,482</b>	<b>33.5</b>	<b>1,180</b>	<b>26.7</b>	<b>5,040.0</b>
Toronto Public Health	1,205	40.3	1,094	36.6	5,332.6
<b>TOTAL TORONTO</b>	<b>1,205</b>	<b>40.3</b>	<b>1,094</b>	<b>36.6</b>	<b>5,332.6</b>
Chatham-Kent Public Health	16	15.0	14	13.1	6,485.6
Grey Bruce Health Unit	39	22.1	27	15.3	4,245.8
Huron Perth Public Health	28	19.1	14	9.6	3,762.2

Public Health Unit Name	Cases June 5 to 11, 2022	Cases per 100,000 population  June 5 to 11, 2022	Cases June 12 to 18, 2022	Cases per 100,000 population  June 12 to 18, 2022	Cases per 100,000 population  Past 52 weeks (June 20, 2021 to June 18, 2022)
Lambton Public Health	30	22.6	24	18.0	6,278.8
Middlesex-London Health Unit	114	22.3	81	15.9	5,085.9
Southwestern Public Health	42	19.2	32	14.6	4,620.2
Windsor-Essex County Health Unit	120	27.8	108	25.1	6,355.3
<b>TOTAL SOUTH WEST</b>	<b>389</b>	<b>22.6</b>	<b>300</b>	<b>17.4</b>	<b>5,324.8</b>
Brant County Health Unit	26	16.9	28	18.2	5,218.9
City of Hamilton Public Health Services	220	37.8	217	37.3	6,488.7
Haldimand-Norfolk Health Unit	21	17.5	24	20.0	5,112.2
Halton Region Public Health	169	27.7	145	23.7	5,276.7
Niagara Region Public Health	154	32.0	119	24.7	5,271.5
Region of Waterloo Public Health and Emergency Services	160	26.4	132	21.8	4,904.7
Wellington-Dufferin-Guelph Public Health	73	23.4	64	20.5	4,584.1
<b>TOTAL CENTRAL WEST</b>	<b>823</b>	<b>28.7</b>	<b>729</b>	<b>25.4</b>	<b>5,357.9</b>
<b>TOTAL ONTARIO</b>	<b>5,050</b>	<b>34.3</b>	<b>4,350</b>	<b>29.5</b>	<b>5,260.0</b>

## 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 5 to 11, 2022	Hospital admissions per 100,000 population June 5 to 11, 2022	Hospital admissions June 12 to 18, 2022	Hospital admissions per 100,000 population June 12 to 18, 2022	Hospital admissions Past 52 weeks (June 20, 2021 to June 18, 2022)	Hospital admissions per 100,000 population Past 52 weeks (June 20, 2021 to June 18, 2022)
<b>Total Cases</b>	163	1.1	154	1.0	21,527	146.1
<b>Sex: Female</b>	77	1.0	65	0.9	9,772	131.1
<b>Sex: Male</b>	86	1.2	89	1.2	11,718	161.0
<b>Sex: Did not specify female or male</b>	0	N/A	0	N/A	37	N/A
<b>Ages: &lt;1</b>	3	2.1	6	4.2	482	338.5
<b>Ages: 1 – 4</b>	5	0.9	2	0.3	363	62.5
<b>Ages: 5 – 11</b>	2	0.2	1	0.1	192	17.8
<b>Ages: 12 – 19</b>	2	0.2	0	0.0	267	20.1
<b>Ages: 20 – 39</b>	9	0.2	10	0.2	1,736	41.8
<b>Ages: 40 – 59</b>	18	0.5	13	0.3	3,526	90.5
<b>Ages: 60 – 79</b>	52	1.8	61	2.1	8,303	286.3
<b>Ages: 80 and over</b>	72	11.0	61	9.3	6,658	1,015.2
<b>Ages: Unknown</b>	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 5 to 11, 2022	Deaths per 100,000 population June 5 to 11, 2022	Deaths June 12 to 18, 2022	Deaths per 100,000 population June 12 to 18, 2022	Deaths Past 52 weeks (June 20, 2021 to June 18, 2022)	Deaths per 100,000 population Past 52 weeks (June 20, 2021 to June 18, 2022)
<b>Total Cases</b>	32	0.2	16	0.1	4,220	28.6
<b>Sex: Female</b>	16	0.2	8	0.1	1,810	24.3
<b>Sex: Male</b>	16	0.2	8	0.1	2,399	33.0
<b>Sex: Did not specify female or male</b>	0	N/A	0	N/A	11	N/A
<b>Ages: 0 – 19</b>	0	0.0	0	0.0	12	0.4
<b>Ages: 20 – 39</b>	1	<0.1	0	0.0	68	1.6
<b>Ages: 40 – 59</b>	3	0.1	1	<0.1	376	9.7
<b>Ages: 60 – 79</b>	13	0.4	3	0.1	1,520	52.4
<b>Ages: 80 and over</b>	15	2.3	12	1.8	2,244	342.2
<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</b>			
<b>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)	6,013	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)	9,494	454	4.8%
Wave 6 (March 1, 2022 to June 18, 2022)*	7,532	185	2.5%
<b>Total</b>	<b>32,742</b>	<b>4,592</b>	<b>14.0%</b>

\*Wave 6 is ongoing and only includes cases up to June 18, 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 12, 2022 to June 18, 2022. Toronto, ON: Queen's Printer for Ontario; 2022.

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