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# COVID-19 Report

**REPORTING PERIOD:  
JULY 10 TO JULY 16, 2022 (WEEK 28)**

**July 19**  
Department of Health





## SUMMARY

<b>n = 1004</b> New PCR confirmed cases <sup>1</sup>	<b>n = 5</b> Deaths <sup>1</sup>	<b>n = 68597</b> Cases are resolved	<b>n = 1506</b> Cases are active <sup>2</sup>
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<b>n = 22</b> Current hospitalizations <sup>2,3</sup> (non-ICU and ICU)	<b>n = 1</b> Current ICU <sup>2,3</sup>	<b>n = 24</b> Seven-day moving average (hospitalizations)	<b>n = 143</b> Seven-day moving average (cases)
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## HIGHLIGHTS

- The number of PCR confirmed cases has slightly decreased this week compared to last week.
- There was an increase in the number of hospital admissions for COVID-19 this week (30) compared to last week (15).
- The number of active hospitalizations has increased this week (22) compared to last week (17).
- The number of deaths has slightly increased this week (5) compared to last week (4).
- The highest portion of hospitalizations for COVID-19 is among individuals aged 70-89.
- Individuals that are unprotected by vaccine continue to have the highest rate of hospitalization for COVID-19 and death.
- Amongst the most recent random sample sequenced for COVID-19:
  - 0% of samples are BA.1.
  - 21% of samples are BA.2.
  - 22% of samples are BA.4.
  - 57% of samples are BA.5.

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<sup>1</sup> Reported during Sunday, July 10 to Saturday, July 16, 2022 (week 28).

<sup>2</sup> Status as of 11:59pm on Saturday, July 16, 2022.

<sup>3</sup> Confirmed cases hospitalized for COVID-19.

## COVID-19 LABORATORY DATA<sup>4</sup>

**Table 1:** The total number of PCR (polymerase chain reaction) and positive self-reported POCT (point of care) tests performed for COVID-19 by zone.

Zone	PCR Tests (Change)	Positive POCT (Change)
Zone 1	322314 (+1296)	22830 (+362)
Zone 2	150430 (+1578)	17425 (+419)
Zone 3	163296 (+1712)	16958 (+338)
Zone 4	81859 (+314)	4009 (+32)
Zone 5	45878 (+247)	1755 (+31)
Zone 6	65931 (+425)	6382 (+97)
Zone 7	38805 (+333)	3404 (+41)
<b>Total</b>	<b>868513 (+5905)</b>	<b>72763 (+1320)</b>

**Table 2:** Total number of PCR confirmed COVID-19 cases.

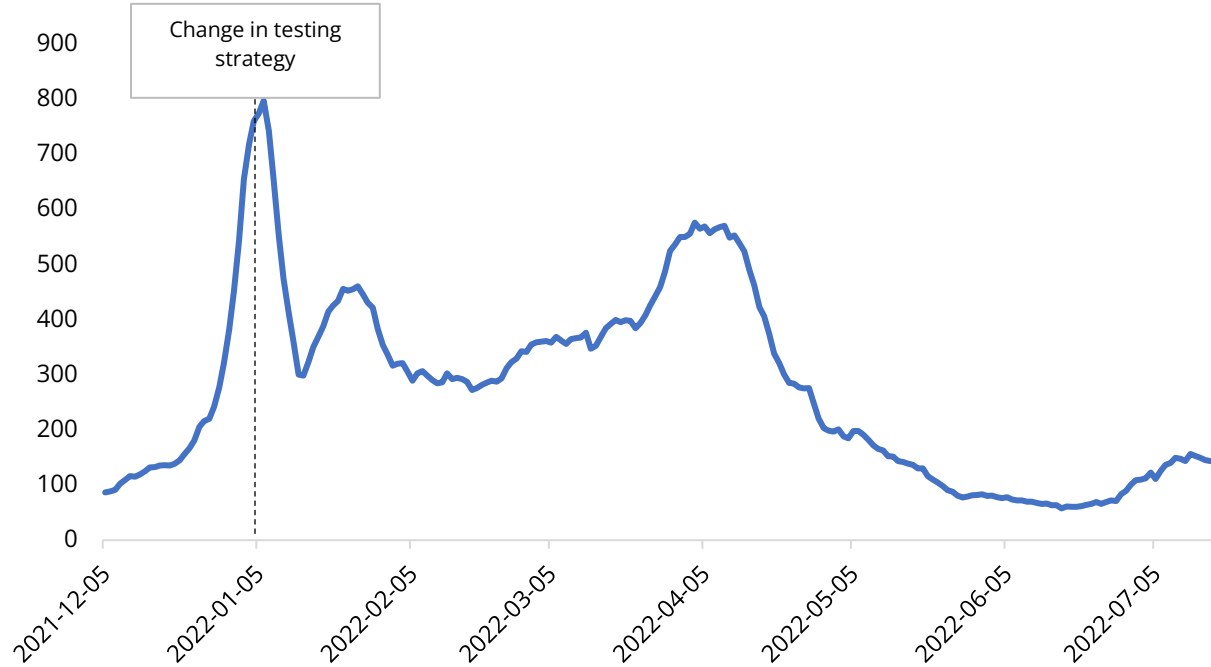
Zone	Current reporting week	Cumulative confirmed	Number of resolved	Number of deceased	Number of active <sup>5</sup>	Seven-day moving average
Zone 1	288	22037	21469	119	449	41
Zone 2	276	16033	15540	73	420	39
Zone 3	193	13290	12933	70	287	28
Zone 4	46	5768	5644	65	59	7
Zone 5	32	2840	2749	30	61	5
Zone 6	105	6419	6224	48	147	15
Zone 7	64	4154	4038	33	83	9
<b>Total</b>	<b>1004</b>	<b>70541</b>	<b>68597</b>	<b>438</b>	<b>1506</b>	<b>143</b>

<sup>4</sup> Source: George Dumont Laboratory extracts and self-reported POCT database

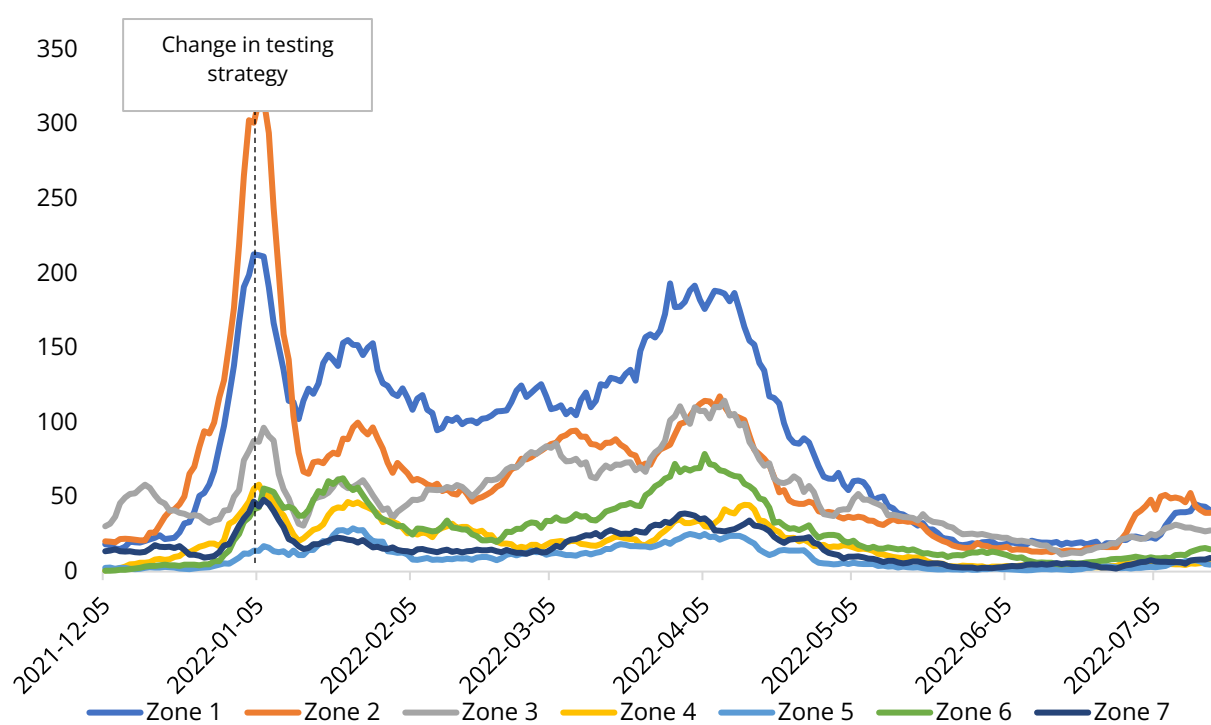
<sup>5</sup> Status as of 11:59pm on Saturday, July 16, 2022



**Figure 1:** Seven-day moving average of PCR confirmed COVID-19 cases by report date from December 5, 2021 to July 16, 2022.



**Figure 2:** Seven-day moving average of PCR confirmed COVID-19 cases by zone and report date from December 5, 2021 to July 16, 2022.



**Table 3:** Demographics of PCR confirmed COVID-19 cases in New Brunswick by reporting week, current and previous, and cumulative, up to July 16, 2022.

Age range	Current Reporting Week		Previous Reporting Week		Cumulative	
	Number	Percent	Number	Percent	Number	Percent
< 10 years old	22	2.2%	31	3.0%	4422	6.3%
10 - 19 years old	20	2.0%	16	1.5%	4222	6.0%
20 - 29 years old	131	13.0%	108	10.3%	9752	13.8%
30 - 39 years old	117	11.7%	128	12.3%	10370	14.7%
40 - 49 years old	131	13.0%	143	13.7%	9953	14.1%
50 - 59 years old	211	21.0%	246	23.6%	12058	17.1%
60 - 69 years old	171	17.0%	175	16.8%	8629	12.2%
70 - 79 years old	136	13.5%	110	10.5%	5517	7.8%
80 - 89 years old	53	5.3%	58	5.6%	3884	5.5%
90+ years old	12	1.2%	29	2.8%	1734	2.5%
<b>Total</b>	<b>1004</b>	<b>100.0%</b>	<b>1044</b>	<b>100.0%</b>	<b>70541</b>	<b>100.0%</b>
Vaccination status <sup>6</sup>	Number	Percent	Number	Percent	Number <sup>7</sup>	Percent
Protected	714	71.1%	789	75.6%	39820	64.5%
Unprotected	290	28.9%	255	24.4%	21950	35.5%
<b>Total</b>	<b>1004</b>	<b>100.0%</b>	<b>1044</b>	<b>100.0%</b>	<b>61770</b>	<b>100.0%</b>

<sup>6</sup>Protected refers to boosted or fully vaccinated less than six months. Unprotected refers to fully vaccinated more than six months, partially vaccinated, and unvaccinated.

<sup>7</sup>Cases reported since December 5, 2021.

## COVID-19 HOSPITALIZATIONS<sup>8</sup> AND DEATH<sup>9</sup> SURVEILLANCE

**Table 4:** Hospitalizations for COVID-19 in New Brunswick, by age groups for reporting week, previous and current, and cumulative (Data up to July 16, 2022).

Age range	Total admissions (non-ICU and ICU)			ICU admissions			Resolved or discharg- ed	Deceased <sup>10</sup>
	Current reporting week	Previous reporting week	Cumulative	Current reporting week	Previous reporting week	Cumulative	Cumulative	Cumulative
< 10 years old	0	1	40	0	0	1	40	0
10 - 19 years old	0	0	14	0	0	1	14	0
20 - 29 years old	0	0	40	0	0	12	38	2
30 - 39 years old	0	0	46	0	0	11	42	3
40 - 49 years old	0	1	104	0	0	40	96	15
50 - 59 years old	1	2	185	1	0	57	173	20
60 - 69 years old	9	2	282	0	2	88	259	45
70 - 79 years old	9	4	374	0	0	92	309	125
80 - 89 years old	10	2	286	0	0	37	230	142
90+ years old	1	3	123	0	0	8	81	86
<b>Total</b>	<b>30</b>	<b>15</b>	<b>1494</b>	<b>1</b>	<b>2</b>	<b>347</b>	<b>1282</b>	<b>438</b>

<sup>8</sup> Hospitalizations (including ICU admissions) are individuals that are hospitalized for COVID-19.

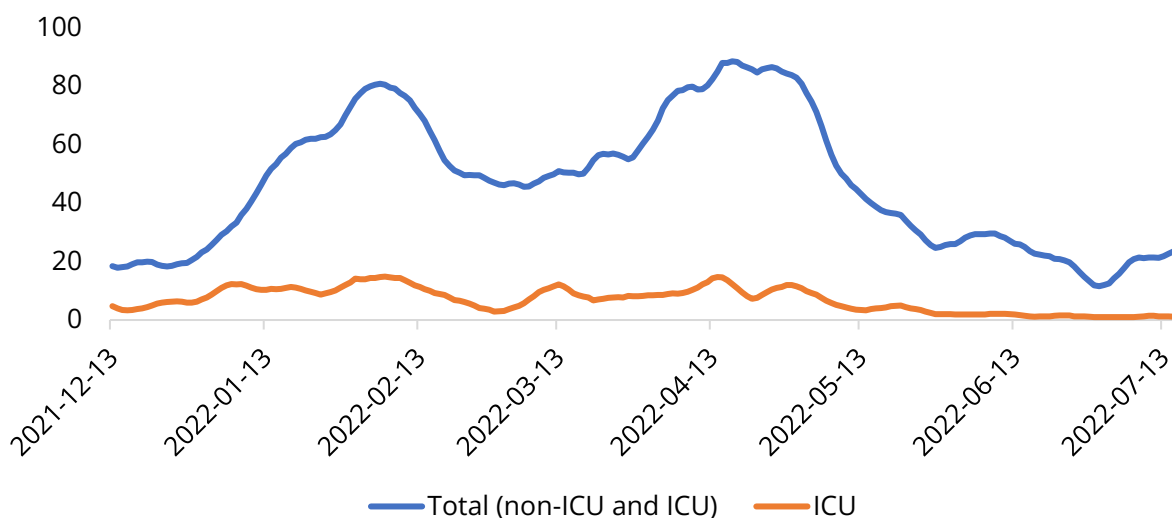
<sup>9</sup> Deaths are those where COVID-19 was a primary or contributing factor to cause of death as per the attending physician.

<sup>10</sup> Deceased cases reported within and outside of hospital.

**Table 5:** Vaccination status, proportion, and rate per 100,000 for hospitalized and deceased cases reported since December 5, 2021 (week 49).

Vaccination status <sup>11</sup>	Hospitalizations (non-ICU and ICU)			ICU			Deceased		
	N	%	Rate per 100,000	N	%	Rate per 100,000	N	%	Rate per 100,000
Protected	624	51.8%	145.7	84	39.1%	19.6	162	55.9%	37.8
Unprotected	580	48.2%	179.9	131	60.9%	40.6	128	44.1%	39.7
<b>Total</b>	<b>1204</b>	<b>100.0%</b>	<b>160.4</b>	<b>215</b>	<b>100.0%</b>	<b>28.6</b>	<b>290</b>	<b>100.0%</b>	<b>38.6</b>

**Figure 3:** Seven-day moving average of hospitalizations for COVID-19 since December 5, 2021 (week 49).



<sup>11</sup>Protected refers to boosted or fully vaccinated less than six months. Unprotected refers to fully vaccinated more than six months, partially vaccinated, and unvaccinated.



# National and International COVID-19 Activity

## **CANADA**

- National data is showing an increasing trend. However, data is delayed for some provinces and territories.
- For the first time in several months, death counts are increasing.

## **INTERNATIONAL**

- Maine cases have remained relatively stable over the last several weeks; currently at a 218 7-day average.
- Global case counts have slightly decreased since last week but may rise as data is collected; therefore, continuing the upward trend. There were roughly 5.5 million cases last week.
  - All regions except Africa are on an overall upward trend despite showing a reduced case count this week.
  - Italy and France have the two highest case counts in the last seven days, followed by the United States, Japan, and China.
  - Some of the countries with the highest rates are clustered throughout central Europe, as well as Australia, New Zealand, and Chile. Africa is reporting many countries with some of the lowest rates.
- Global deaths have appeared to have reached a plateau over the last few months.
- Over 200 countries have reported Omicron cases.
  - Both BA.4 and BA.5 sub-variants have been detected in Canada and continue to increase.