



COVID-19 Report

**REPORTING PERIOD:
JULY 3 TO JULY 9, 2022 (WEEK 27)**

July 12
Department of Health





SUMMARY

n = 1044 New PCR confirmed cases ¹	n = 4 Deaths ¹	n = 67722 Cases are resolved	n = 1382 Cases are active ²
---------------------------------------------------------	-------------------------------------	----------------------------------------	--------------------------------------------------

n = 17 Current hospitalizations ^{2,3} (non-ICU and ICU)	n = 2 Current ICU ^{2,3}	n = 21 Seven-day moving average (hospitalizations)	n = 149 Seven-day moving average (cases)
-------------------------------------------------------------------------------	--------------------------------------------	-----------------------------------------------------------------	-------------------------------------------------------

HIGHLIGHTS

- The number of PCR confirmed cases has increased this week compared to last week.
- There was a decrease in the number of hospital admissions for COVID-19 this week (15) compared to last week (22).
- The number of active hospitalizations has decreased this week (17) compared to last week (19).
- The number of deaths has remained stable (4).
- The highest portion of hospitalizations for COVID-19 is among individuals aged 60-79.
- 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.
 - 23% of samples are BA.2.
 - 32% of samples are BA.4.
 - 45% of samples are BA.5.

¹ Reported during Sunday, July 3 to Saturday, July 9, 2022 (week 27).

² Status as of 11:59pm on Saturday, July 9, 2022.

³ Confirmed cases hospitalized for COVID-19.

COVID-19 LABORATORY DATA⁴

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	321018 (+1152)	22468 (+292)
Zone 2	148852 (+1354)	17006 (+596)
Zone 3	161584 (+1479)	16620 (+342)
Zone 4	81545 (+202)	3977 (+38)
Zone 5	45631 (+163)	1724 (+22)
Zone 6	65506 (+414)	6285 (+85)
Zone 7	38472 (+318)	3363 (+46)
Total	862608 (+5082)	71443 (+1421)

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 ⁵	Seven-day moving average
Zone 1	276	21749	21297	118	334	39
Zone 2	348	15757	15190	71	496	50
Zone 3	220	13097	12750	70	277	31
Zone 4	34	5722	5605	65	52	5
Zone 5	44	2808	2725	30	53	6
Zone 6	77	6314	6161	48	105	11
Zone 7	45	4090	3994	31	65	6
Total	1044	69537	67722	433	1382	149

⁴ Source: George Dumont Laboratory extracts and self-reported POCT database

⁵ Status as of 11:59pm on Saturday, July 9, 2022



Figure 1: Seven-day moving average of PCR confirmed COVID-19 cases by report date from December 5, 2021 to July 9, 2022.

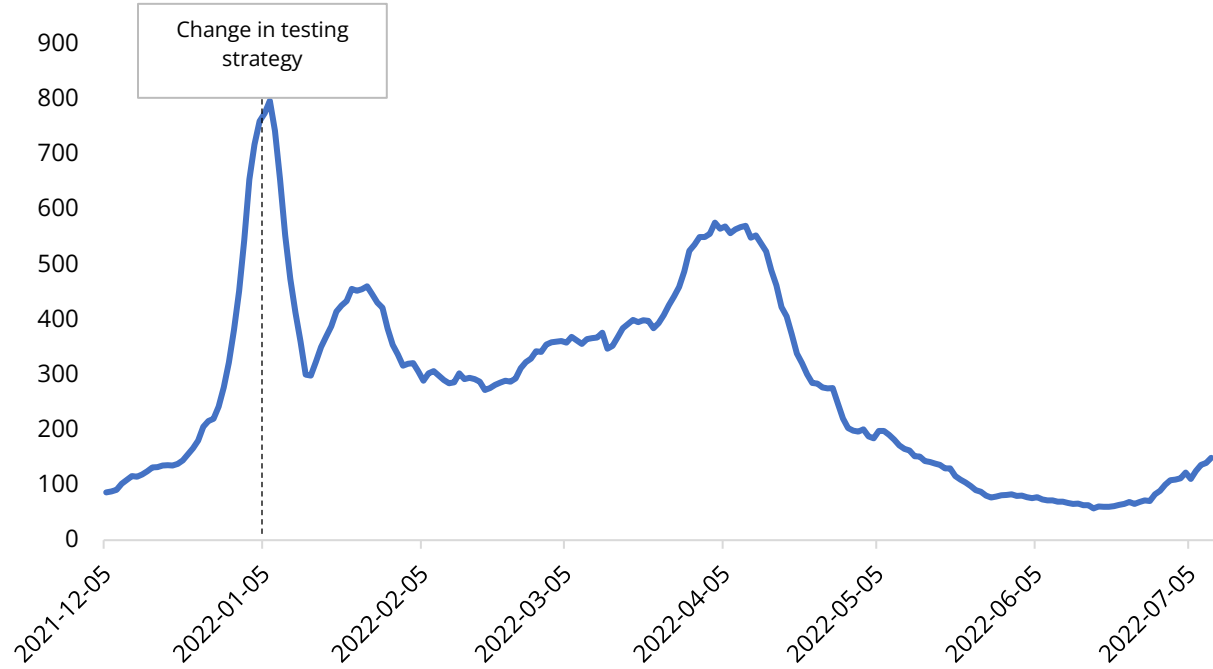


Figure 2: Seven-day moving average of PCR confirmed COVID-19 cases by zone and report date from December 5, 2021 to July 9, 2022.

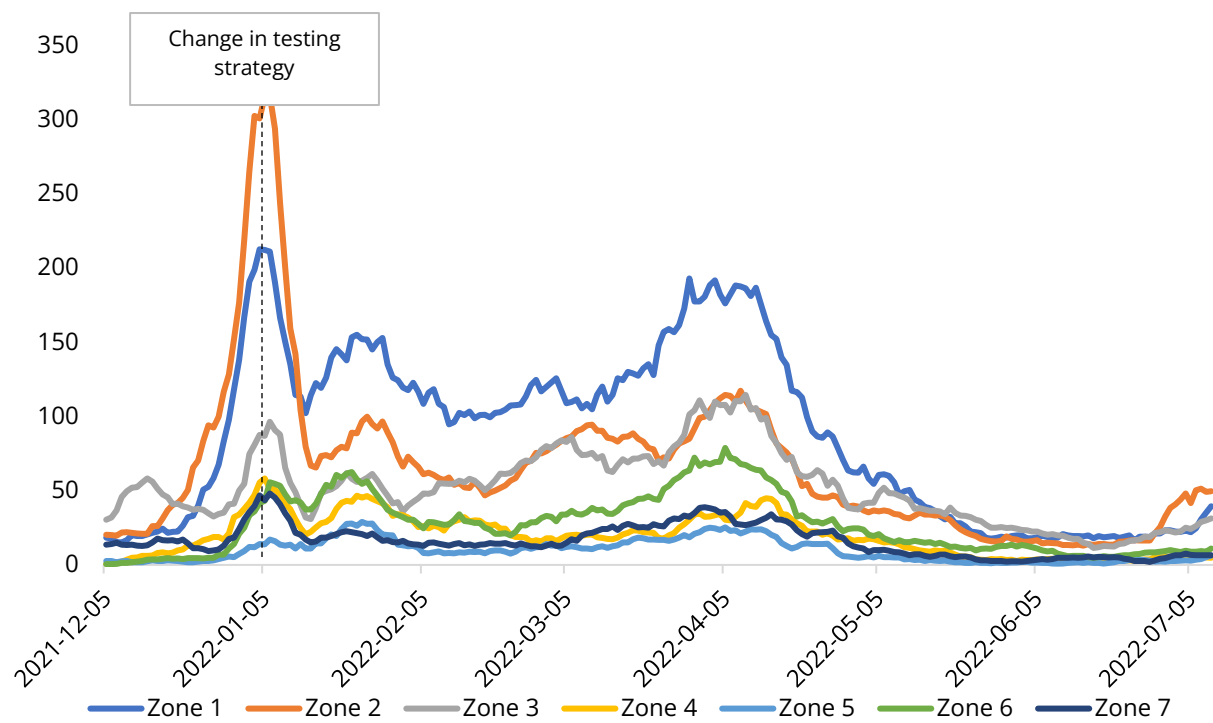


Table 3: Demographics of PCR confirmed COVID-19 cases in New Brunswick by reporting week, current and previous, and cumulative, up to July 9, 2022.

Age range	Current Reporting Week		Previous Reporting Week		Cumulative	
	Number	Percent	Number	Percent	Number	Percent
< 10 years old	31	3.0%	16	2.1%	4402	6.3%
10 - 19 years old	16	1.5%	11	1.4%	4201	6.0%
20 - 29 years old	108	10.3%	106	13.8%	9620	13.8%
30 - 39 years old	128	12.3%	117	15.2%	10253	14.7%
40 - 49 years old	143	13.7%	98	12.8%	9822	14.1%
50 - 59 years old	246	23.6%	165	21.5%	11847	17.0%
60 - 69 years old	175	16.8%	132	17.2%	8458	12.2%
70 - 79 years old	110	10.5%	78	10.2%	5381	7.7%
80 - 89 years old	58	5.6%	31	4.0%	3831	5.5%
90+ years old	29	2.8%	14	1.8%	1722	2.5%
Total	1044	100.0%	768	100.0%	69537	100.0%
Vaccination status ⁶	Number	Percent	Number	Percent	Number ⁷	Percent
Protected	789	75.6%	619	80.6%	39106	64.4%
Unprotected	255	24.4%	149	19.4%	21660	35.6%
Total	1044	100.0%	768	100.0%	60766	100.0%

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

⁷Cases reported since December 5, 2021.

COVID-19 HOSPITALIZATIONS⁸ AND DEATH⁹ 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 9, 2022).

Age range	Total admissions (non-ICU and ICU)			ICU admissions			Resolved or discharg- ed	Deceased ¹⁰
	Current reporting week	Previous reporting week	Cumulative	Current reporting week	Previous reporting week	Cumulative	Cumulative	Cumulative
< 10 years old	1	1	40	0	0	1	39	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	1	1	104	0	1	40	95	15
50 - 59 years old	2	4	184	0	1	56	171	20
60 - 69 years old	2	3	273	2	0	88	248	45
70 - 79 years old	4	4	365	0	1	92	306	122
80 - 89 years old	2	8	276	0	1	37	224	140
90+ years old	3	1	121	0	0	8	79	86
Total	15	22	1463	2	4	346	1256	433

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

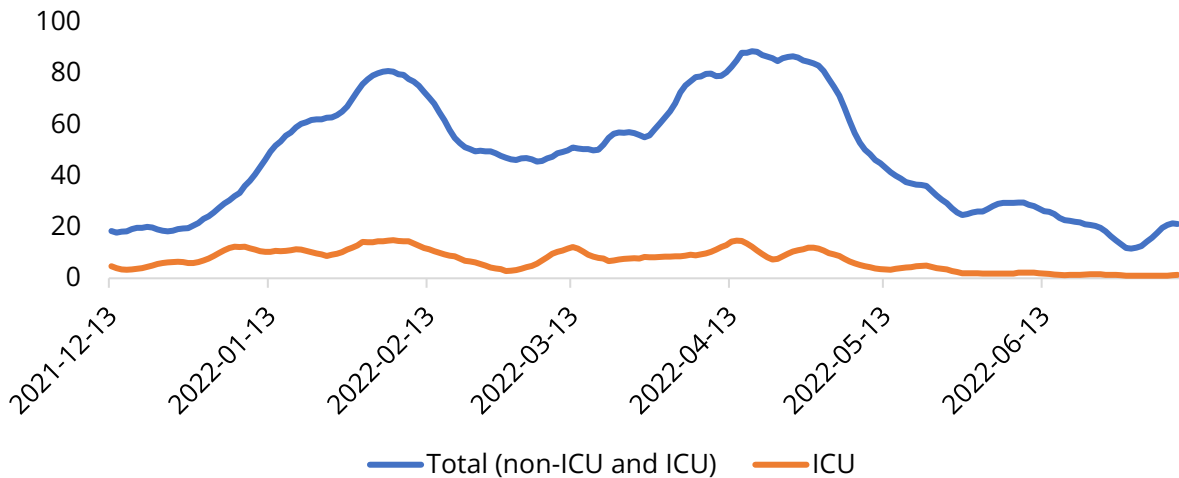
⁹ Deaths are those where COVID-19 was a primary or contributing factor to cause of death as per the attending physician.

¹⁰ 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 ¹¹	Hospitalizations (non-ICU and ICU)			ICU			Deceased		
	N	%	Rate per 100,000	N	%	Rate per 100,000	N	%	Rate per 100,000
Protected	597	50.9%	139.1	84	39.3%	19.6	157	55.1%	36.6
Unprotected	576	49.1%	179.1	130	60.7%	40.4	128	44.9%	39.8
Total	1173	100.0%	156.2	214	100.0%	28.5	285	100.0%	38.0

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



¹¹Protected 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.
 - Increasing COVID-19 viral loads in Saskatchewan is showing signs of a new wave.
- The most recent data is showing that deaths continue to decline.

INTERNATIONAL

- Maine cases have remained relatively stable over the last 4-weeks; currently at a 181 7-day average.
- Global case counts have increased over the last 2-weeks. There were roughly 5.0 million cases last week.
 - The Americas, Eastern Mediterranean, and Africa regions are showing a decrease while the Western Pacific, South-East Asia, and Europe are showing increases (data as of July 4, 2022).
 - France, Italy, and Germany have the 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 Israel. Africa is reporting many countries with some of the lowest rates.
- Global deaths also continue to gradually decline and appear to have reached a plateau.
- Over 200 countries have reported Omicron cases.
 - Both BA.4 and BA.5 sub-variants have been detected in Canada and continue to increase.