



COVID-19 Report

**REPORTING PERIOD:
NOVEMBER 13 TO NOVEMBER 19, 2022
(WEEK 46)**

November 22
Department of Health





SUMMARY

n = 436 New PCR confirmed cases ¹	n = 6 Deaths ¹	n = 80978 Cases are resolved	n = 636 Cases are active ²
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n = 32 Current hospitalizations ^{2,3} (non-ICU and ICU)	n = 6 Current ICU ^{2,3}	n = 30 Seven-day moving average (hospitalizations)	n = 62 Seven-day moving average (cases)
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HIGHLIGHTS

- The number of PCR confirmed cases has decreased this week compared to last week.
- The number of hospital admissions for COVID-19 has slightly increased this week (24) compared to last week (22).
- The number of active hospitalizations has increased this week (32) compared to last week (29).
- The number of deaths has increased this week (6) 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 COVID-19 ICU admissions.
- Amongst the most recent random sample sequenced for COVID-19:
 - 0% of samples are BA.1.
 - 2% of samples are BA.2.
 - 0% of samples are BA.3.
 - 8% of samples are BA.4.
 - 90% of samples are BA.5.

¹ Reported during Sunday, November 13 to Saturday, November 19, 2022 (week 46).

² Status as of 11:59pm on Saturday, November 19, 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	341535 (+1138)	26372 (+95)
Zone 2	169856 (+1089)	19126 (+47)
Zone 3	184636 (+1204)	19633 (+109)
Zone 4	88011 (+391)	4350 (+8)
Zone 5	49547 (+183)	1962 (+12)
Zone 6	73412 (+366)	7296 (+19)
Zone 7	45548 (+409)	3777 (+13)
Total	952545 (+4780)	82516 (+303)

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	144	25587	25208	182	197	21
Zone 2	71	18165	17953	103	109	10
Zone 3	87	15806	15573	103	130	12
Zone 4	29	6654	6528	79	47	4
Zone 5	20	3308	3241	35	32	3
Zone 6	41	7785	7653	71	61	6
Zone 7	44	4918	4822	36	60	6
Total	436	82223	80978	609	636	62

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

⁵ Status as of 11:59pm on Saturday, November 19, 2022



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

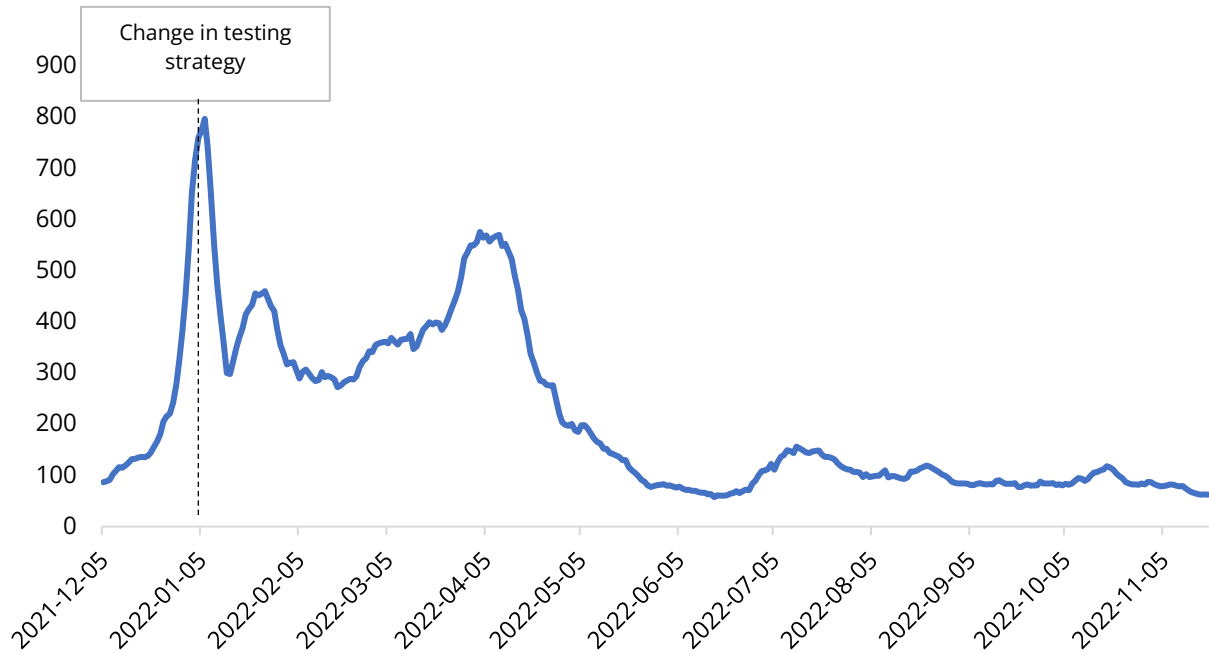


Figure 2: Seven-day moving average of PCR confirmed COVID-19 cases by zone and report date from December 5, 2021, to November 19, 2022.

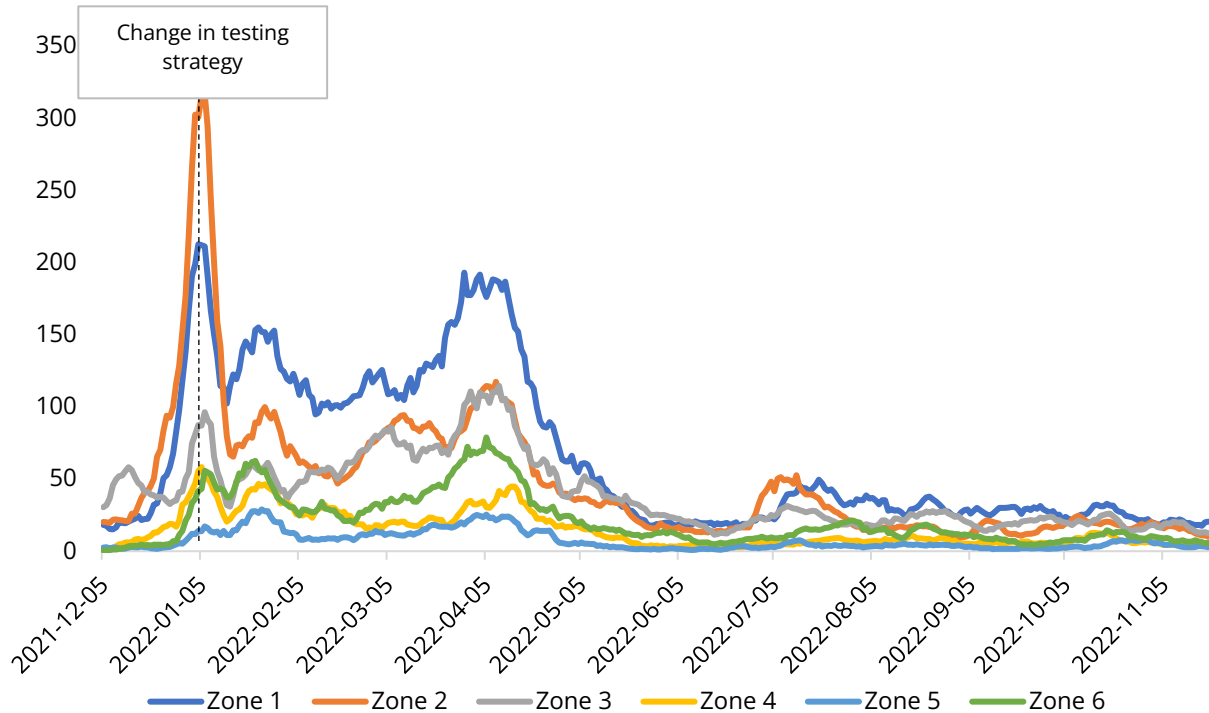


Table 3: Demographics of PCR confirmed COVID-19 cases in New Brunswick by reporting week, current and previous, and cumulative, up to November 19, 2022.

Age range	Current Reporting Week		Previous Reporting Week		Cumulative	
	Number	Percent	Number	Percent	Number	Percent
< 10 years old	18	4.1%	9	1.7%	4697	5.7%
10 - 19 years old	7	1.6%	2	0.4%	4388	5.3%
20 - 29 years old	32	7.3%	47	9.1%	10968	13.3%
30 - 39 years old	58	13.3%	52	10.0%	11813	14.4%
40 - 49 years old	48	11.0%	64	12.4%	11442	13.9%
50 - 59 years old	88	20.2%	83	16.0%	14231	17.3%
60 - 69 years old	58	13.3%	82	15.8%	10457	12.7%
70 - 79 years old	43	9.9%	73	14.1%	7054	8.6%
80 - 89 years old	58	13.3%	70	13.5%	4991	6.1%
90+ years old	26	6.0%	36	6.9%	2182	2.7%
Total	436	100.0%	518	100.0%	82223	100.0%
Vaccination status ⁶	Number	Percent	Number	Percent	Number ⁷	Percent
Protected	304	69.7%	366	70.7%	48119	65.5%
Unprotected	132	30.3%	152	29.3%	25333	34.5%
Total	436	100.0%	518	100.0%	73452	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. The protected definition does not include individuals with protection from a previous infection. The definitions of “protected” and “unprotected” are currently under review.

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 November 19, 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	0	1	50	0	0	1	49	0
10 - 19 years old	0	0	19	0	0	2	19	0
20 - 29 years old	1	0	47	0	0	14	42	3
30 - 39 years old	0	2	60	0	0	13	55	5
40 - 49 years old	1	1	122	0	0	42	112	14
50 - 59 years old	2	1	222	0	0	65	207	25
60 - 69 years old	5	4	366	2	0	102	337	57
70 - 79 years old	6	6	514	3	0	111	447	161
80 - 89 years old	6	6	411	3	0	45	346	190
90+ years old	3	1	165	0	0	10	119	154
Total	24	22	1976	8	0	405	1733	609

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

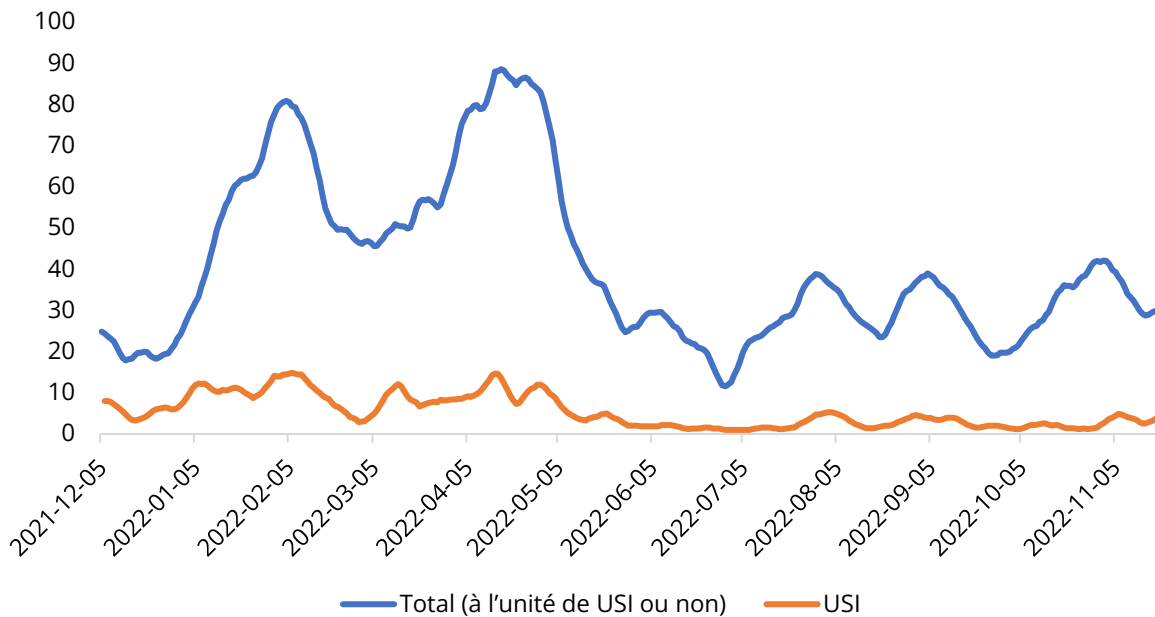
⁹ Deaths are those where COVID-19 was a primary or contributing factor to cause of death as per the attending physician.

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	938	55.6%	229.4	117	42.9%	28.6	288	62.5%	70.4
Unprotected	748	44.4%	218.8	156	57.1%	45.6	173	37.5%	50.6
Total	1686	100.0%	224.6	273	100.0%	36.4	461	100.0%	61.4

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. The protected definition does not include individuals with protection from a previous infection. The definitions of “protected” and “unprotected” are currently under review.



National and International COVID-19 Activity

CANADA

- At the national level, case counts continue to decline. A decrease in outbreak incidence may indicate slowing transmission.
 - Trends and indicators vary across provinces and territories.
- There has been a decrease in COVID-19 hospitalizations and deaths.
 - The weekly rate of COVID-19 hospitalizations and ICU admissions remained highest among individuals aged 60 years and older.
- The top BA.5 lineages are declining following several weeks of stabilization. Clinical sequencing is showing increases in BQ.1, BA.1.1 and BF.7.

INTERNATIONAL

- Maine cases continue to demonstrate a decreasing trend; currently at a 122 7-day average.
- Global case counts are showing a continued decrease since mid-October 2022. There were roughly 2.0 million cases last week.
 - Please note, case and death data for the Region of the Americas are incomplete.
 - Many regions are showing decreasing or stable case counts, except the Western Pacific which continues to increase and the Americas which is showing a slight increase following a period of general decrease.
 - Japan and the Republic of Korea have the two highest new case counts in the last 7 days, followed by Germany, China, and France.
- Weekly counts of global deaths have been stable since mid-September 2022.