



COVID-19 Report

**REPORTING PERIOD:
OCTOBER 30 TO NOVEMBER 5, 2022
(WEEK 44)**

November 8
Department of Health





SUMMARY

n = 554 New PCR confirmed cases ¹	n = 7 Deaths ¹	n = 79849 Cases are resolved	n = 821 Cases are active ²
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n = 33 Current hospitalizations ^{2,3} (non-ICU and ICU)	n = 5 Current ICU ^{2,3}	n = 40 Seven-day moving average (hospitalizations)	n = 80 Seven-day moving average (cases)
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HIGHLIGHTS

- The number of PCR confirmed cases has remained stable this week compared to last week.
- The number of hospital admissions for COVID-19 has decreased this week (23) compared to last week (38).
- The number of active hospitalizations has decreased this week (33) compared to last week (43).
- The number of deaths has remained the same this week compared to last week (7).
- 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.
 - 1% of samples are BA.2.
 - 0% of samples are BA.3.
 - 8% of samples are BA.4.
 - 91% of samples are BA.5.

¹ Reported during Sunday, October 30 to Saturday, November 5, 2022 (week 44).

² Status as of 11:59pm on Saturday, November 5, 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	339333 (+1019)	26165 (+109)
Zone 2	167711 (+615)	19033 (+63)
Zone 3	182159 (+1234)	19444 (+100)
Zone 4	87272 (+341)	4337 (+3)
Zone 5	49144 (+277)	1942 (+19)
Zone 6	72690 (+397)	7255 (+10)
Zone 7	44726 (+354)	3748 (+8)
Total	943035 (+4237)	81924 (+312)

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	141	25307	24928	179	200	20
Zone 2	111	17985	17704	102	179	16
Zone 3	131	15591	15306	102	183	19
Zone 4	30	6585	6458	78	49	4
Zone 5	32	3268	3176	34	58	5
Zone 6	63	7697	7538	68	91	9
Zone 7	46	4836	4739	36	61	7
Total	554	81269	79849	599	821	80

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

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



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

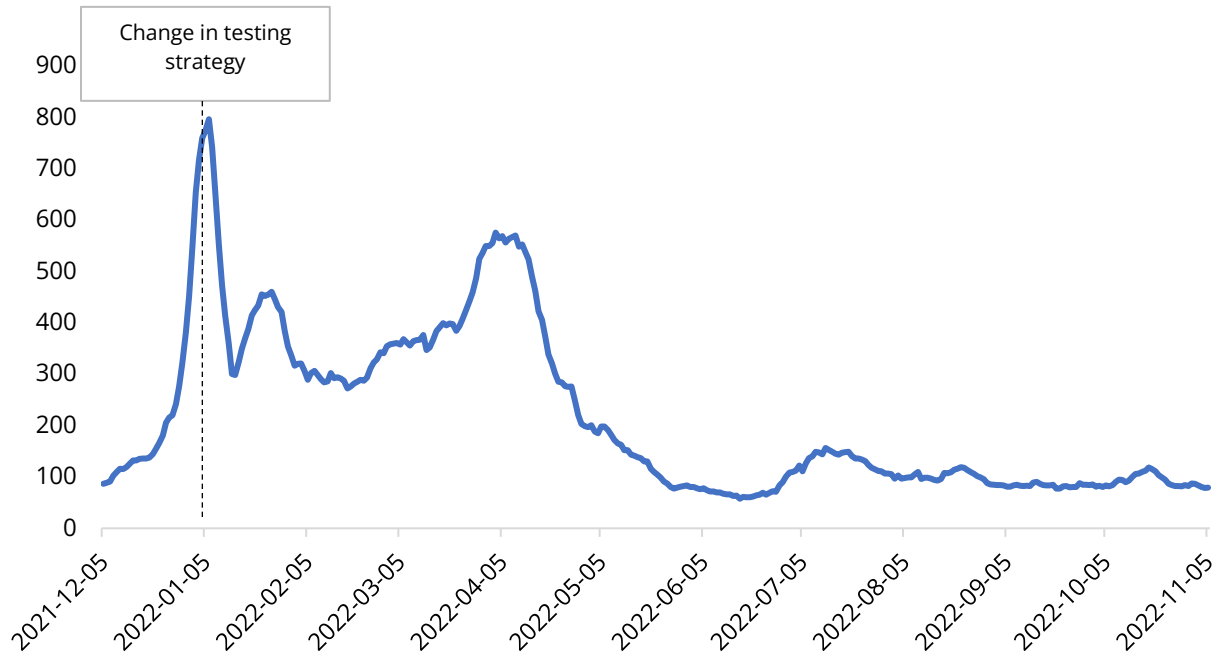


Figure 2: Seven-day moving average of PCR confirmed COVID-19 cases by zone and report date from December 5, 2021, to November 5, 2022.

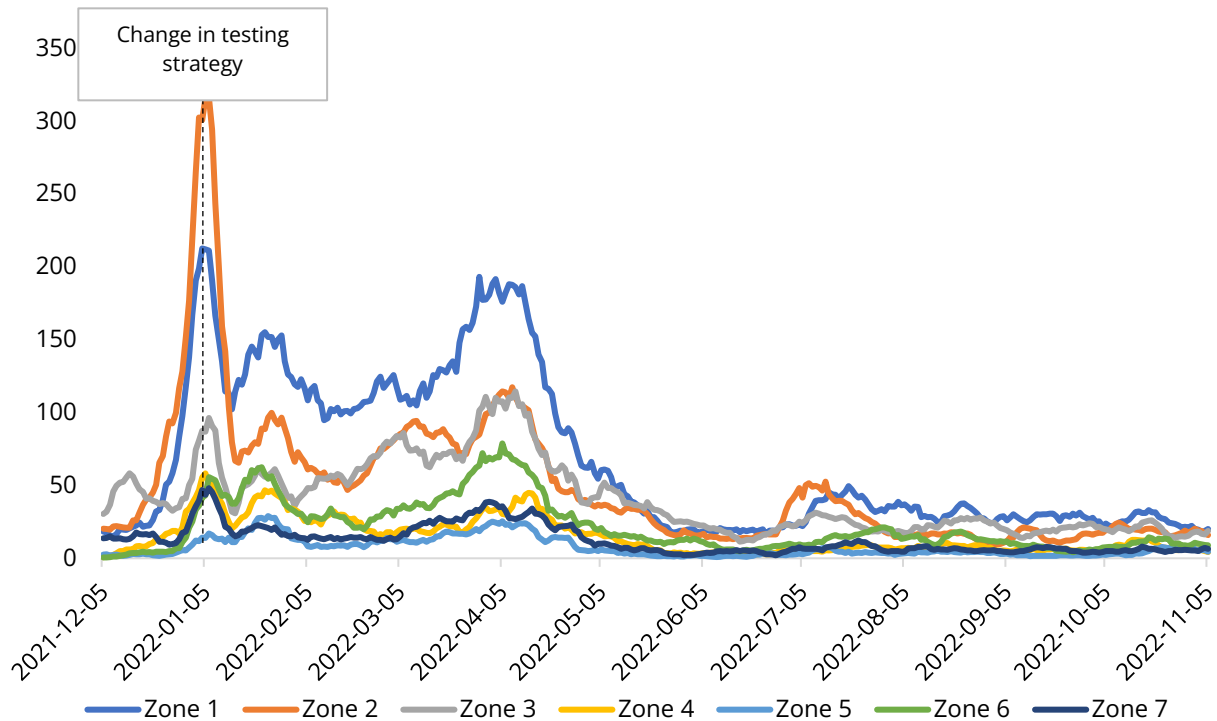


Table 3: Demographics of PCR confirmed COVID-19 cases in New Brunswick by reporting week, current and previous, and cumulative, up to November 5, 2022.

Age range	Current Reporting Week		Previous Reporting Week		Cumulative	
	Number	Percent	Number	Percent	Number	Percent
< 10 years old	9	1.6%	14	2.4%	4661	5.8%
10 - 19 years old	11	2.0%	2	0.3%	4368	5.4%
20 - 29 years old	53	9.6%	50	8.5%	10836	13.4%
30 - 39 years old	56	10.1%	80	13.6%	11647	14.4%
40 - 49 years old	73	13.2%	62	10.5%	11257	13.9%
50 - 59 years old	92	16.6%	108	18.3%	13968	17.3%
60 - 69 years old	102	18.4%	90	15.3%	10215	12.7%
70 - 79 years old	66	11.9%	96	16.3%	6872	8.5%
80 - 89 years old	61	11.0%	62	10.5%	4802	5.9%
90+ years old	31	5.6%	25	4.2%	2089	2.6%
Total	554	100.0%	589	100.0%	80715	100.0%
Vaccination status ⁶	Number	Percent	Number	Percent	Number ⁷	Percent
Protected	396	71.5%	423	71.8%	47449	65.4%
Unprotected	158	28.5%	166	28.2%	25049	34.6%
Total	554	100.0%	589	100.0%	72498	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 5, 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	0	49	0	0	1	49	0
10 - 19 years old	0	0	19	0	0	2	19	0
20 - 29 years old	1	0	46	0	0	14	41	3
30 - 39 years old	0	3	58	0	0	13	53	5
40 - 49 years old	0	1	120	0	0	42	112	14
50 - 59 years old	4	2	219	2	0	65	203	24
60 - 69 years old	3	4	357	0	2	100	330	57
70 - 79 years old	5	15	502	1	0	108	431	159
80 - 89 years old	8	8	399	0	0	42	334	187
90+ years old	2	5	161	0	0	10	116	150
Total	23	38	1930	3	2	397	1688	599

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.

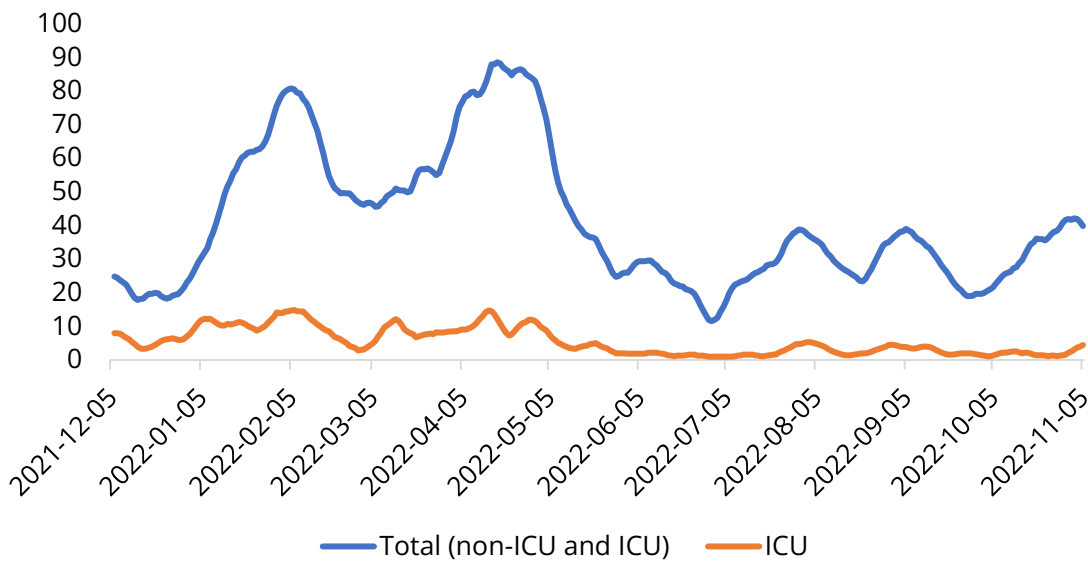
¹⁰ Deceased cases reported within and outside of hospital.



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	913	55.7%	223.8	112	42.3%	27.5	283	62.7%	69.4
Unprotected	727	44.3%	212.1	153	57.7%	44.6	168	37.3%	49.0
Total	1640	100.0%	218.5	265	100.0%	35.3	451	100.0%	60.1

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

- Case counts at the national level continue to demonstrate a slight upward trend over the past several weeks.
- Deaths have decreased over the last few weeks; however, data may be subject to a reporting lag.

INTERNATIONAL

- Maine cases have declined over the last few weeks; currently at a 189 7-day average.
- Global case counts have declined slightly. There were roughly 1.8 million cases last week. Counts have not been at this level since the late summer of 2020.
 - Please note, case and death data for the Regions of the Americas and Africa are incomplete.
 - All regions are showing decreasing case counts, except Western Pacific which is demonstrating stable counts.
 - Japan and the Republic of Korea have the two highest new case counts in the last 7 days, followed by Germany, China, and France.
- Global deaths have decreased since the previous week.