



COVID-19 Report

**REPORTING PERIOD:
SEPTEMBER 18 TO SEPTEMBER 24, 2022
(WEEK 38)**

September 27
Department of Health





SUMMARY

n = 558 New PCR confirmed cases ¹	n = 5 Deaths ¹	n = 76206 Cases are resolved	n = 769 Cases are active ²
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n = 19 Current hospitalizations ^{2,3} (non-ICU and ICU)	n = 2 Current ICU ^{2,3}	n = 21 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 over the past three weeks.
- The number of hospital admissions for COVID-19 has decreased (18) this week compared to last week (21).
- The number of active hospitalizations has decreased this week (19) compared to last week (21).
- 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 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.
 - 7% of samples are BA.4.
 - 91% of samples are BA.5.

¹ Reported during Sunday, September 18 to Saturday, September 24, 2022 (week 38).

² Status as of 11:59pm on Saturday, September 24, 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	333141 (+1108)	25151 (+127)
Zone 2	162163 (+974)	18492 (+57)
Zone 3	175195 (+1139)	18602 (+150)
Zone 4	85054 (+311)	4244 (+15)
Zone 5	47552 (+148)	1864 (+5)
Zone 6	70079 (+394)	7101 (+7)
Zone 7	42480 (+412)	3643 (+11)
Total	915664 (+4486)	79097 (+372)

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	199	24252	23857	129	266	28
Zone 2	85	17201	16996	88	117	12
Zone 3	151	14756	14476	82	198	22
Zone 4	39	6273	6145	67	61	6
Zone 5	13	3070	3020	32	18	2
Zone 6	35	7304	7201	53	50	5
Zone 7	36	4604	4511	34	59	5
Total	558	77460	76206	485	769	80

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

⁵ Status as of 11:59pm on Saturday, September 24, 2022



Figure 1: Seven-day moving average of PCR confirmed COVID-19 cases by report date from December 5, 2021, to September 24, 2022.

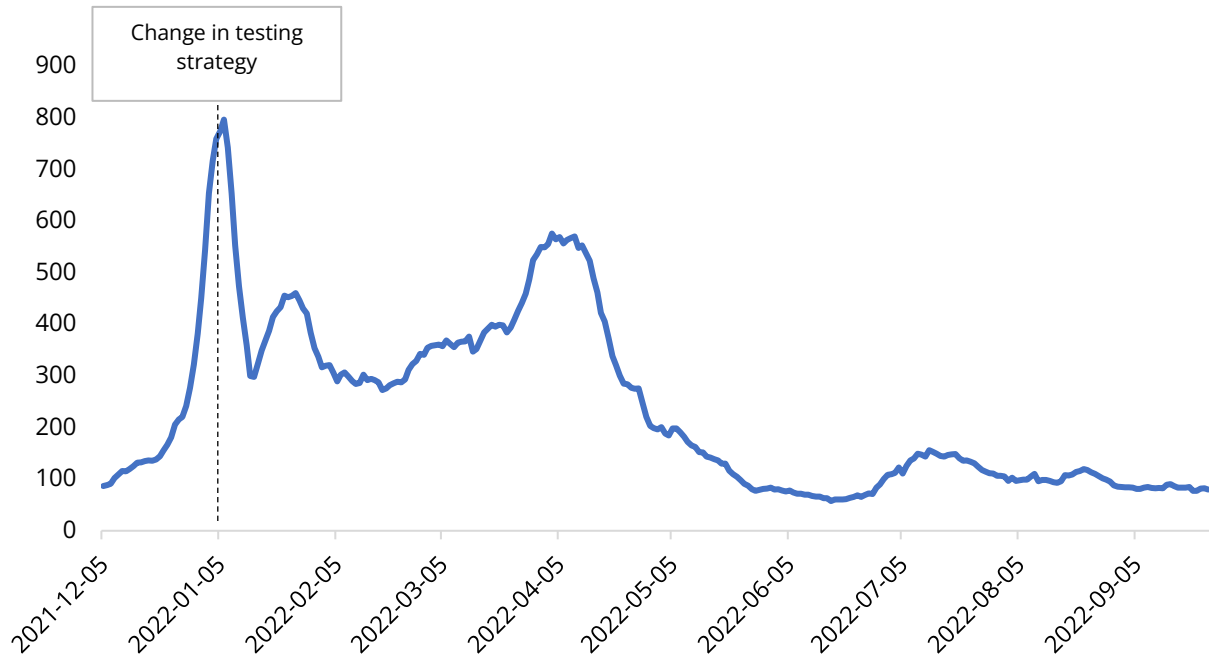


Figure 2: Seven-day moving average of PCR confirmed COVID-19 cases by zone and report date from December 5, 2021, to September 24, 2022.

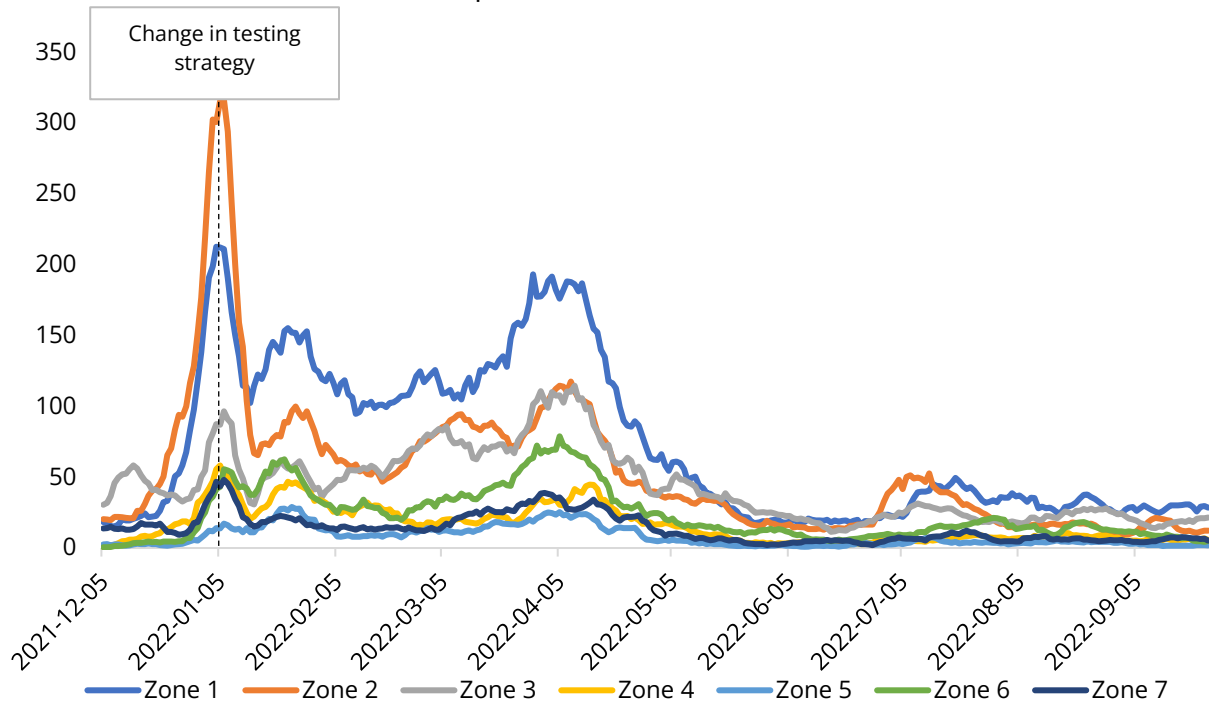


Table 3: Demographics of PCR confirmed COVID-19 cases in New Brunswick by reporting week, current and previous, and cumulative, up to September 24, 2022.

Age range	Current Reporting Week		Previous Reporting Week		Cumulative	
	Number	Percent	Number	Percent	Number	Percent
< 10 years old	10	1.8%	14	2.4%	4579	5.9%
10 - 19 years old	5	0.9%	10	1.7%	4334	5.6%
20 - 29 years old	45	8.1%	52	8.9%	10547	13.6%
30 - 39 years old	80	14.3%	72	12.3%	11233	14.5%
40 - 49 years old	85	15.2%	90	15.4%	10852	14.0%
50 - 59 years old	100	17.9%	97	16.6%	13348	17.2%
60 - 69 years old	100	17.9%	85	14.5%	9757	12.6%
70 - 79 years old	69	12.4%	80	13.7%	6372	8.2%
80 - 89 years old	48	8.6%	53	9.0%	4484	5.8%
90+ years old	16	2.9%	33	5.6%	1954	2.5%
Total	558	100.0%	586	100.0%	77460	100.0%
Vaccination status ⁶	Number	Percent	Number	Percent	Number ⁷	Percent
Protected	404	72.4%	416	71.0%	44703	65.1%
Unprotected	154	27.6%	170	29.0%	23986	34.9%
Total	558	100.0%	586	100.0%	68689	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 September 24, 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	0	46	0	0	1	46	0
10 - 19 years old	1	0	16	0	0	1	16	0
20 - 29 years old	0	0	44	0	0	13	42	2
30 - 39 years old	1	0	52	0	0	12	48	4
40 - 49 years old	0	0	118	0	0	42	109	15
50 - 59 years old	1	1	205	1	0	63	193	22
60 - 69 years old	3	2	328	0	0	96	304	50
70 - 79 years old	3	10	447	0	0	103	386	133
80 - 89 years old	6	6	360	0	0	42	304	157
90+ years old	2	2	149	0	0	9	108	102
Total	18	21	1765	1	0	382	1556	485

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

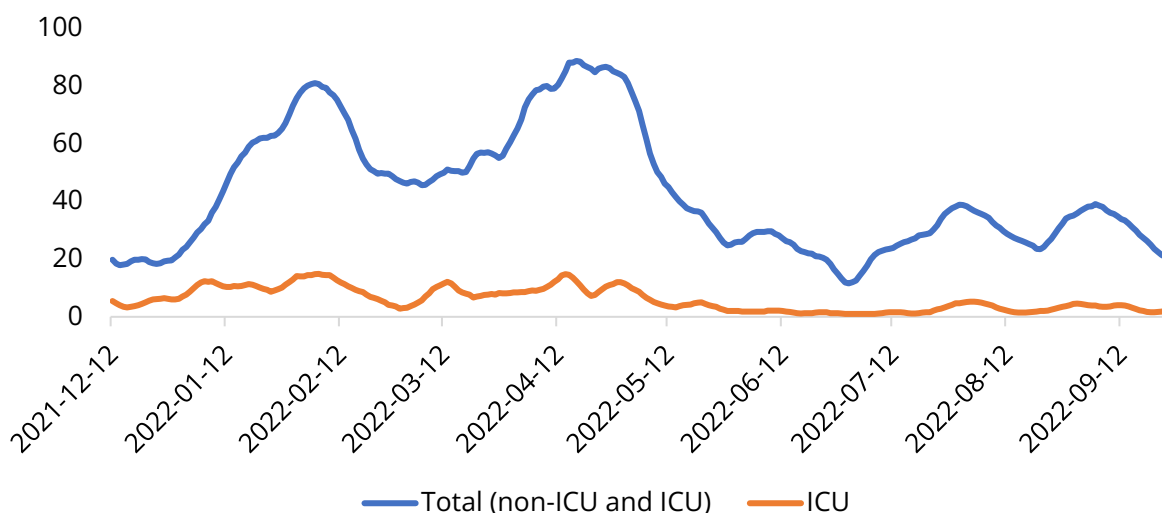
⁹ Deaths are those where COVID-19 was a primary or contributing factor to cause of death as per the attending physician.

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	804	54.5%	197.8	104	41.6%	25.6	201	59.6%	49.5
Unprotected	671	45.5%	194.9	146	58.4%	42.4	136	40.4%	39.5
Total	1475	100.0%	196.5	250	100.0%	33.3	337	100.0%	44.9

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

- National data continue a downward trend; all provinces and territories are showing decreasing or stable counts.
- The most recent data continue to demonstrate a decline in deaths over the last few months, while individual P/Ts are showing varying trends. Data from the most recent week are not available.

INTERNATIONAL

- Maine cases have remained relatively stable over the past few months; currently at a 239 7-day average.
- Global case counts continue to decline and remain at similar counts to those reported in mid-May 2022. There were roughly 2.8 million cases last week.
 - Please note, case and death data for the Regions of the Americas and Africa are incomplete and will be updated as data is collected.
 - All regions continue to show decreasing or stable case counts, with Europe demonstrating a slight increase over the last two weeks. Data are incomplete and may change as additional cases are reported.
 - Japan and Russia have the two highest new case counts in the last 7 days, followed by China, Germany, and the Republic of Korea.
- Global deaths continue to decrease and are at the lowest level reported since March 2020.
- Over 200 countries have reported Omicron cases.
 - Both BA.4 and BA.5 sub-variants have been detected in Canada.