



COVID-19 Report

**REPORTING PERIOD:
AUGUST 28 TO SEPTEMBER 3, 2022 (WEEK 35)**

September 7
Department of Health





SUMMARY

n = 589 New PCR confirmed cases ¹	n = 6 Deaths ¹	n = 74402 Cases are resolved	n = 867 Cases are active ²
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n = 37 Current hospitalizations ^{2,3} (non-ICU and ICU)	n = 2 Current ICU ^{2,3}	n = 38 Seven-day moving average (hospitalizations)	n = 85 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 increased (35) this week compared to last week (31).
- The number of active hospitalizations has increased this week (37) compared to last week (33).
- 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 hospitalization for COVID-19 and 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.
 - 10% of samples are BA.4.
 - 89% of samples are BA.5.

¹ Reported during Sunday, August 28 to Saturday, September 3, 2022 (week 35).

² Status as of 11:59pm on Saturday, September 3, 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	329960 (+1026)	24702 (+210)
Zone 2	159045 (+1097)	18253 (+105)
Zone 3	171910 (+1076)	18194 (+162)
Zone 4	84172 (+309)	4200 (+24)
Zone 5	47096 (+171)	1847 (+7)
Zone 6	68939 (+394)	7050 (+51)
Zone 7	41476 (+304)	3594 (+27)
Total	902598 (+4377)	77840 (+586)

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	200	23662	23267	127	268	29
Zone 2	69	16882	16702	85	95	10
Zone 3	146	14374	14072	78	224	21
Zone 4	36	6152	6017	67	68	5
Zone 5	21	3030	2963	32	35	3
Zone 6	82	7161	6988	50	123	12
Zone 7	35	4480	4393	33	54	5
Total	589	75741	74402	472	867	85

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

⁵ Status as of 11:59pm on Saturday, September 3, 2022



Figure 1: Seven-day moving average of PCR confirmed COVID-19 cases by report date from December 5, 2021 to September 3, 2022.

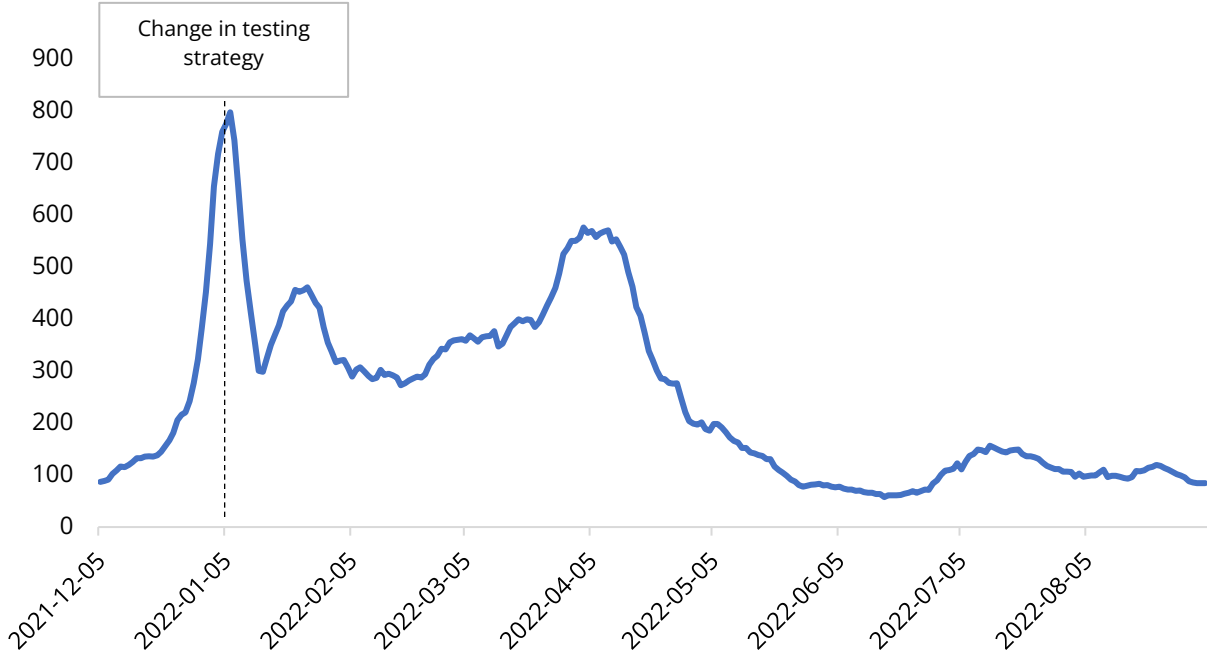


Figure 2: Seven-day moving average of PCR confirmed COVID-19 cases by zone and report date from December 5, 2021 to September 3, 2022.

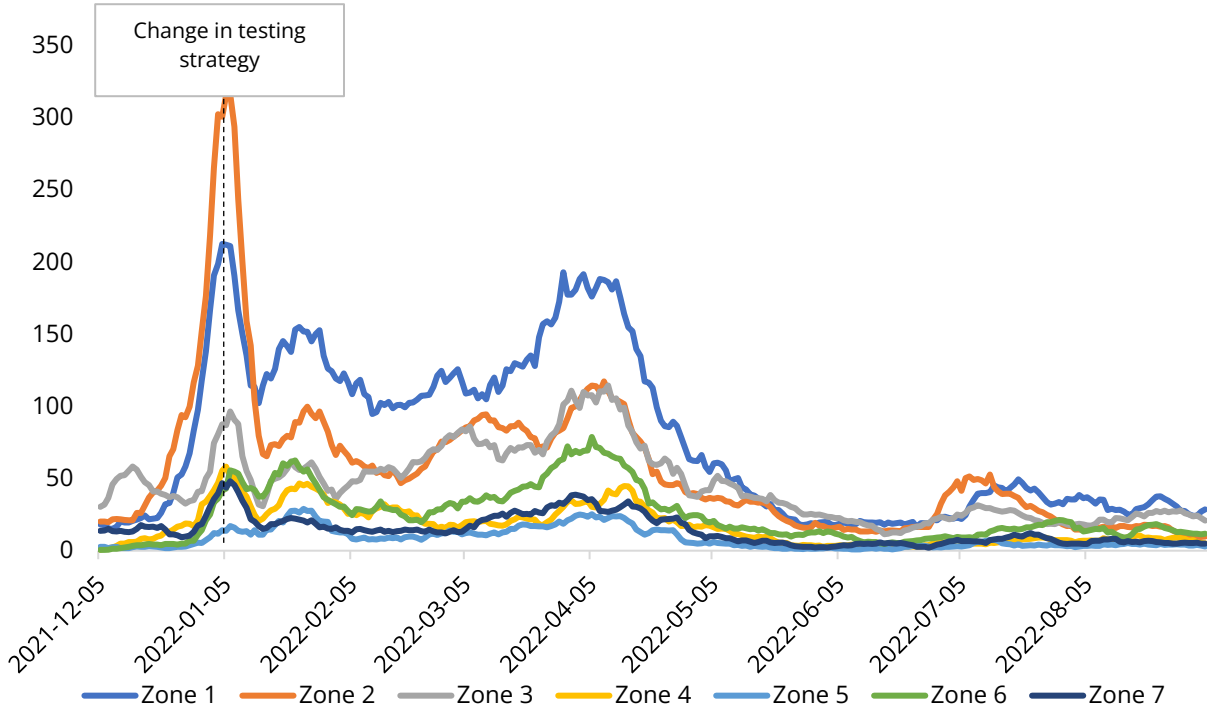


Table 3: Demographics of PCR confirmed COVID-19 cases in New Brunswick by reporting week, current and previous, and cumulative, up to September 3, 2022.

Age range	Current Reporting Week		Previous Reporting Week		Cumulative	
	Number	Percent	Number	Percent	Number	Percent
< 10 years old	15	2.5%	29	4.1%	4547	6.0%
10 - 19 years old	10	1.7%	16	2.2%	4311	5.7%
20 - 29 years old	71	12.1%	98	13.8%	10380	13.7%
30 - 39 years old	74	12.6%	96	13.5%	11007	14.5%
40 - 49 years old	68	11.5%	81	11.4%	10598	14.0%
50 - 59 years old	125	21.2%	121	17.0%	13047	17.2%
60 - 69 years old	93	15.8%	125	17.6%	9499	12.5%
70 - 79 years old	64	10.9%	78	11.0%	6142	8.1%
80 - 89 years old	49	8.3%	46	6.5%	4329	5.7%
90+ years old	20	3.4%	22	3.1%	1881	2.5%
Total	589	100.0%	712	100.0%	75741	100.0%
Vaccination status ⁶	Number	Percent	Number	Percent	Number ⁷	Percent
Protected	414	70.3%	477	67.0%	43460	64.9%
Unprotected	175	29.7%	235	33.0%	23510	35.1%
Total	589	100.0%	712	100.0%	66970	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 3, 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	2	1	45	0	0	1	45	0
10 - 19 years old	0	1	15	0	0	1	15	0
20 - 29 years old	0	0	43	0	0	12	41	2
30 - 39 years old	2	0	50	0	0	12	44	4
40 - 49 years old	2	0	115	0	0	41	107	15
50 - 59 years old	4	1	202	0	1	62	189	21
60 - 69 years old	6	8	320	0	2	96	293	49
70 - 79 years old	10	8	429	1	1	102	360	130
80 - 89 years old	6	9	341	1	0	42	282	155
90+ years old	3	3	143	0	0	9	100	96
Total	35	31	1703	2	4	378	1476	472

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

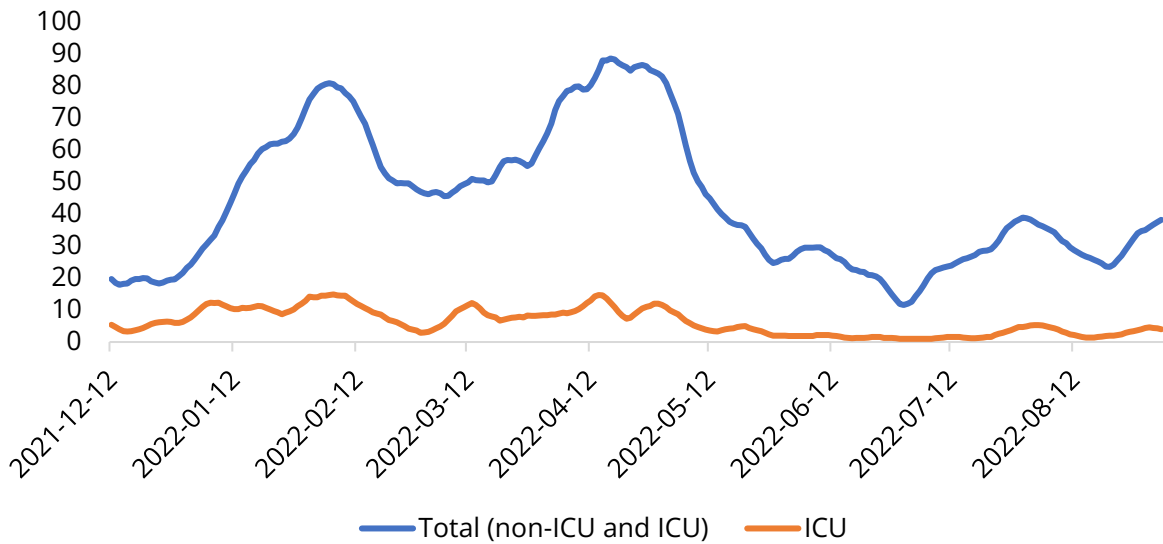
⁹ Deaths are those where COVID-19 was a primary or contributing factor to cause of death as per the attending physician.

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	755	53.4%	185.4	102	41.5%	25.0	188	58.0%	46.2
Unprotected	658	46.6%	191.6	144	58.5%	41.9	136	42.0%	39.6
Total	1413	100.0%	188.2	246	100.0%	32.8	324	100.0%	43.2

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 are showing a decreasing trend; but individual provinces and territories are showing a variety of trends including increasing, decreasing, or stable trends. Data are delayed for some provinces and territories.
- The most recent data are showing deaths have remained relatively stable compared to last week; therefore, continuing the plateau.

INTERNATIONAL

- Maine cases have slightly decreased since last week; currently at a 215 7-day average.
- Global case counts have considerably decreased since last week, dropping to similar counts to those reported in May 2022. There were roughly 3.9 million cases last week.
 - Please note, case and death data for the Region of the Americas are incomplete and will be updated as data is collected.
 - All regions continue to show decreasing case counts. Data are incomplete and may change as additional cases are reported.
 - Japan and the Republic of Korea have the two highest new case counts in the last 7 days, followed by the United States, Russia, and China.
- Global deaths have decreased since last week, demonstrating a downward trend.
- Over 200 countries have reported Omicron cases.
 - Both BA.4 and BA.5 sub-variants have been detected in Canada.
 - Health Canada has formally approved an updated COVID-19 vaccine that targets the Omicron variant.