



COVID-19 Report

**REPORTING PERIOD:
SEPTEMBER 4 TO SEPTEMBER 10, 2022
(WEEK 36)**

September 13
Department of Health





SUMMARY

n = 575 New PCR confirmed cases ¹	n = 4 Deaths ¹	n = 74997 Cases are resolved	n = 843 Cases are active ²
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n = 35 Current hospitalizations ^{2,3} (non-ICU and ICU)	n = 4 Current ICU ^{2,3}	n = 36 Seven-day moving average (hospitalizations)	n = 83 Seven-day moving average (cases)
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HIGHLIGHTS

- The number of PCR confirmed cases has slightly decreased this week compared to last week.
- The number of hospital admissions for COVID-19 has decreased (23) this week compared to last week (35).
- The number of active hospitalizations has decreased this week (35) compared to last week (37).
- The number of deaths has decreased this week (4) compared to last week (6).
- 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.
 - 1% of samples are BA.4.
 - 98% of samples are BA.5.

¹ Reported during Sunday, September 4 to Saturday, September 10, 2022 (week 36).

² Status as of 11:59pm on Saturday, September 10, 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	331019 (+1059)	24854 (+152)
Zone 2	160059 (+1014)	18319 (+66)
Zone 3	173028 (+1118)	18304 (+110)
Zone 4	84495 (+323)	4206 (+6)
Zone 5	47248 (+152)	1851 (+4)
Zone 6	69314 (+375)	7072 (+22)
Zone 7	41752 (+276)	3614 (+20)
Total	906915 (+4317)	78220 (+380)

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	179	23841	23435	129	277	26
Zone 2	149	17031	16765	86	180	21
Zone 3	98	14472	14239	78	155	14
Zone 4	40	6192	6069	67	56	6
Zone 5	15	3045	2988	32	25	2
Zone 6	60	7221	7071	50	100	9
Zone 7	34	4514	4430	34	50	5
Total	575	76316	74997	476	843	83

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

⁵ Status as of 11:59pm on Saturday, September 10, 2022



Figure 1: Seven-day moving average of PCR confirmed COVID-19 cases by report date from December 5, 2021, to September 10, 2022.

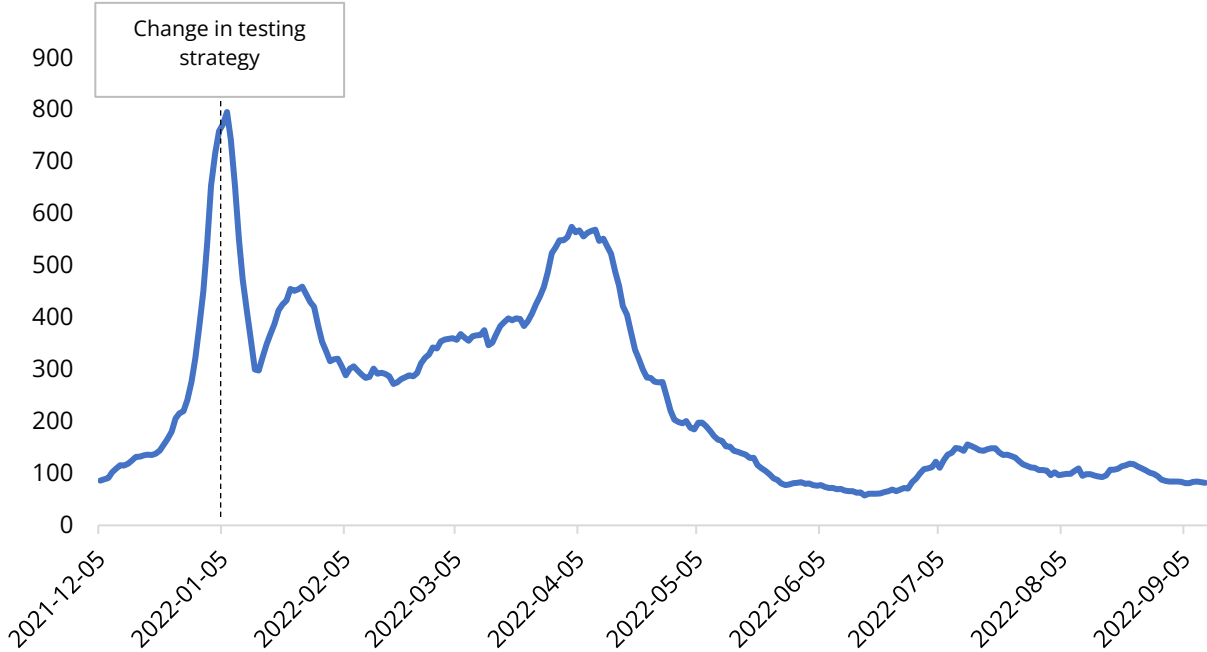


Figure 2: Seven-day moving average of PCR confirmed COVID-19 cases by zone and report date from December 5, 2021, to September 10, 2022.

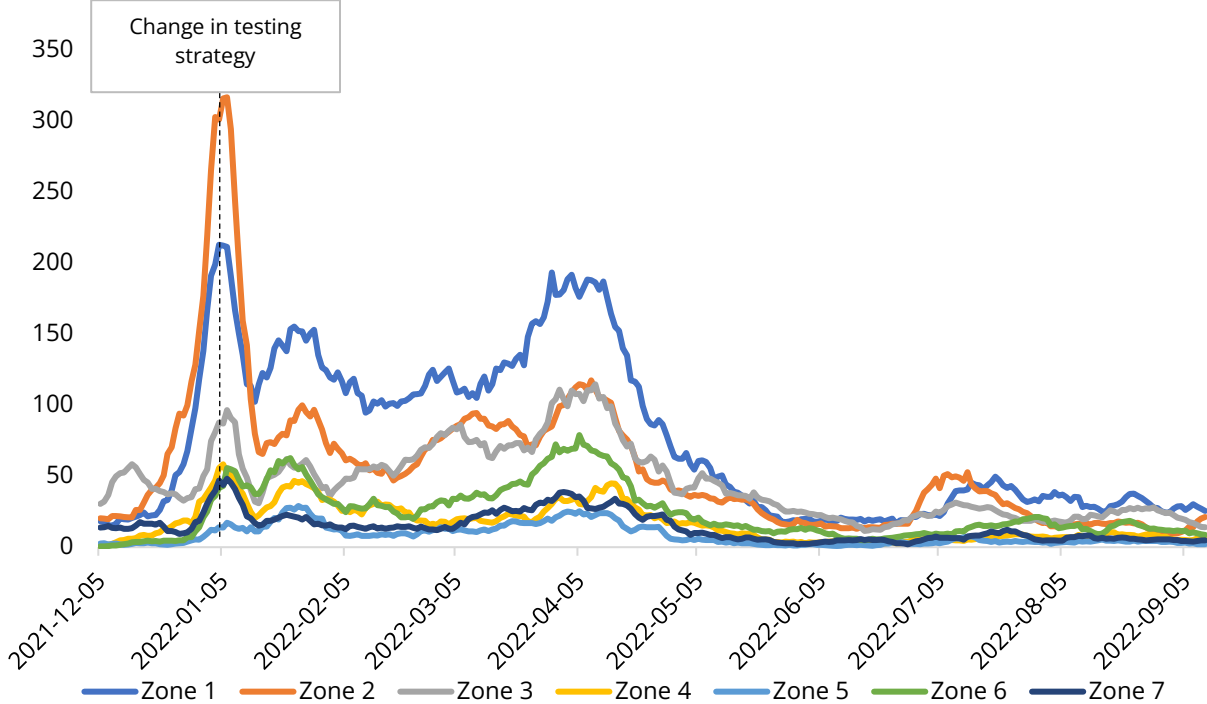


Table 3: Demographics of PCR confirmed COVID-19 cases in New Brunswick by reporting week, current and previous, and cumulative, up to September 10, 2022.

Age range	Current Reporting Week		Previous Reporting Week		Cumulative	
	Number	Percent	Number	Percent	Number	Percent
< 10 years old	8	1.4%	15	2.5%	4555	6.0%
10 - 19 years old	8	1.4%	10	1.7%	4319	5.7%
20 - 29 years old	70	12.2%	71	12.1%	10450	13.7%
30 - 39 years old	74	12.9%	74	12.6%	11081	14.5%
40 - 49 years old	79	13.7%	68	11.5%	10677	14.0%
50 - 59 years old	104	18.1%	125	21.2%	13151	17.2%
60 - 69 years old	73	12.7%	93	15.8%	9572	12.5%
70 - 79 years old	81	14.1%	64	10.9%	6223	8.2%
80 - 89 years old	54	9.4%	49	8.3%	4383	5.7%
90+ years old	24	4.2%	20	3.4%	1905	2.5%
Total	575	100.0%	589	100.0%	76316	100.0%
Vaccination status ⁶	Number	Percent	Number	Percent	Number ⁷	Percent
Protected	423	73.6%	414	70.3%	43883	65.0%
Unprotected	152	26.4%	175	29.7%	23662	35.0%
Total	575	100.0%	589	100.0%	67545	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 10, 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	2	45	0	0	1	45	0
10 - 19 years old	0	0	15	0	0	1	15	0
20 - 29 years old	1	0	44	1	0	13	42	2
30 - 39 years old	1	2	51	0	0	12	46	4
40 - 49 years old	3	2	118	1	0	42	109	15
50 - 59 years old	1	4	203	0	0	62	191	22
60 - 69 years old	3	6	323	0	0	96	297	49
70 - 79 years old	5	10	434	0	1	103	363	131
80 - 89 years old	7	6	348	0	1	42	289	156
90+ years old	2	3	145	0	0	9	104	97
Total	23	35	1726	2	2	381	1501	476

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

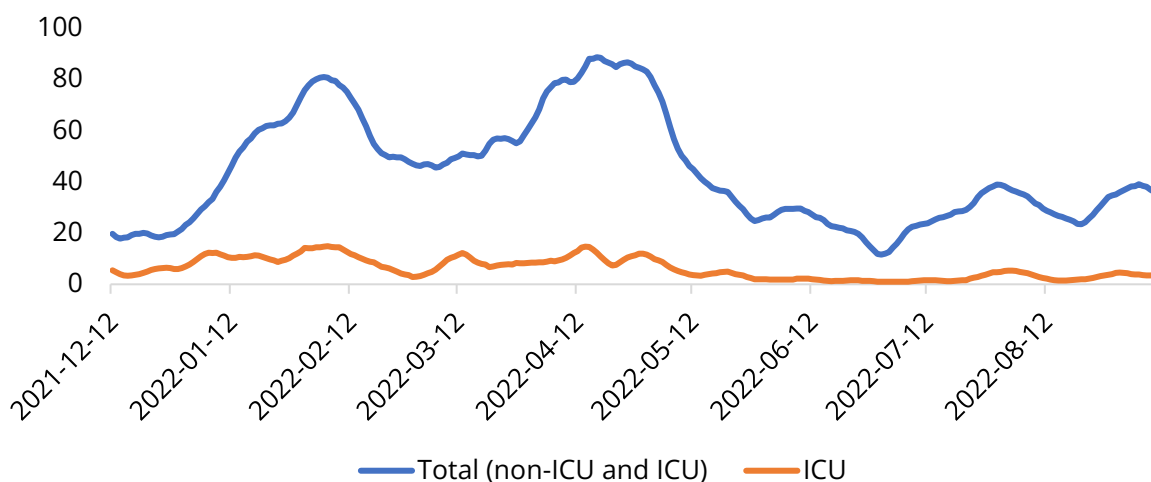
⁹ Deaths are those where COVID-19 was a primary or contributing factor to cause of death as per the attending physician.

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	772	53.8%	189.8	103	41.4%	25.3	192	58.5%	47.2
Unprotected	664	46.2%	193.1	146	58.6%	42.5	136	41.5%	39.5
Total	1436	100.0%	191.3	249	100.0%	33.2	328	100.0%	43.7

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, except Manitoba, which is showing an upward trend. Data are delayed for some provinces and territories.
 - Wastewater levels in a few towns in Saskatchewan have increased since their previous report.
- The most recent data are continuing to demonstrate relatively stable death counts, while individual provinces and territories are showing varying trends.

INTERNATIONAL

- Maine cases have remained stable over the past month; currently at a 181 7-day average.
- Global case counts continue to decline and remain at similar counts to those reported in May 2022. There were roughly 2.9 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 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 Russia, the United States, and China.
- Global deaths have decreased since last week, continuing 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.