



COVID-19 Report

**REPORTING PERIOD:
SEPTEMBER 25 TO OCTOBER 1, 2022
(WEEK 39)**

October 04
Department of Health





SUMMARY

n = 596 New PCR confirmed cases ¹	n = 5 Deaths ¹	n = 76740 Cases are resolved	n = 826 Cases are active ²
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n = 19 Current hospitalizations ^{2,3} (non-ICU and ICU)	n = 1 Current ICU ^{2,3}	n = 20 Seven-day moving average (hospitalizations)	n = 86 Seven-day moving average (cases)
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HIGHLIGHTS

- The number of PCR confirmed cases has remained relatively stable over the past four weeks.
- The number of hospital admissions for COVID-19 has remained stable this week (19) compared to last week (18).
- The number of active hospitalizations is the same as last week (19).
- The number of deaths this week is the same as last week (5).
- 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.
 - 0% of samples are BA.2.
 - 0% of samples are BA.3.
 - 6% of samples are BA.4.
 - 94% of samples are BA.5.

¹ Reported during Sunday, September 25 to Saturday, October 1, 2022 (week 39).

² Status as of 11:59pm on Saturday, October 1, 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	334147 (+1006)	25310 (+159)
Zone 2	162844 (+681)	18584 (+92)
Zone 3	176181 (+986)	18743 (+141)
Zone 4	85334 (+280)	4261 (+17)
Zone 5	47729 (+177)	1871 (+7)
Zone 6	70452 (+373)	7133 (+32)
Zone 7	42882 (+402)	3652 (+9)
Total	919569 (+3905)	79554 (+457)

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	195	24447	24035	131	281	28
Zone 2	113	17314	17069	90	155	16
Zone 3	166	14922	14619	82	221	24
Zone 4	37	6310	6189	68	53	5
Zone 5	13	3083	3035	32	16	2
Zone 6	40	7344	7235	53	56	6
Zone 7	32	4636	4558	34	44	5
Total	596	78056	76740	490	826	86

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

⁵ Status as of 11:59pm on Saturday, October 1, 2022



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

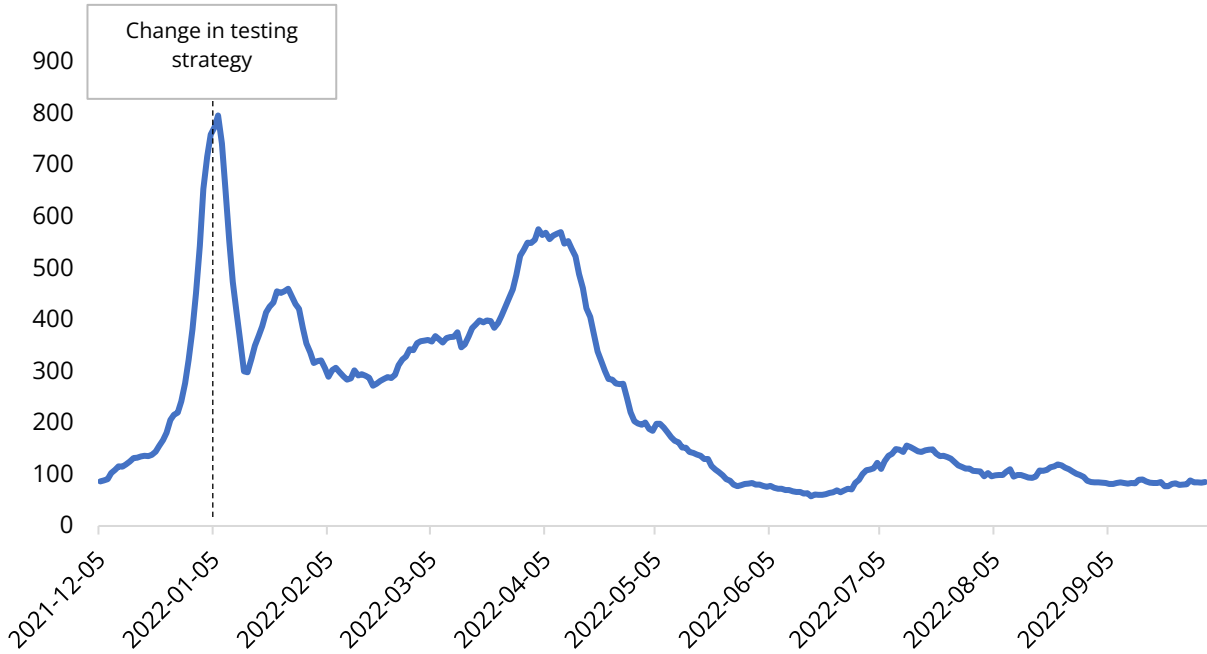


Figure 2: Seven-day moving average of PCR confirmed COVID-19 cases by zone and report date from December 5, 2021, to October 1, 2022.

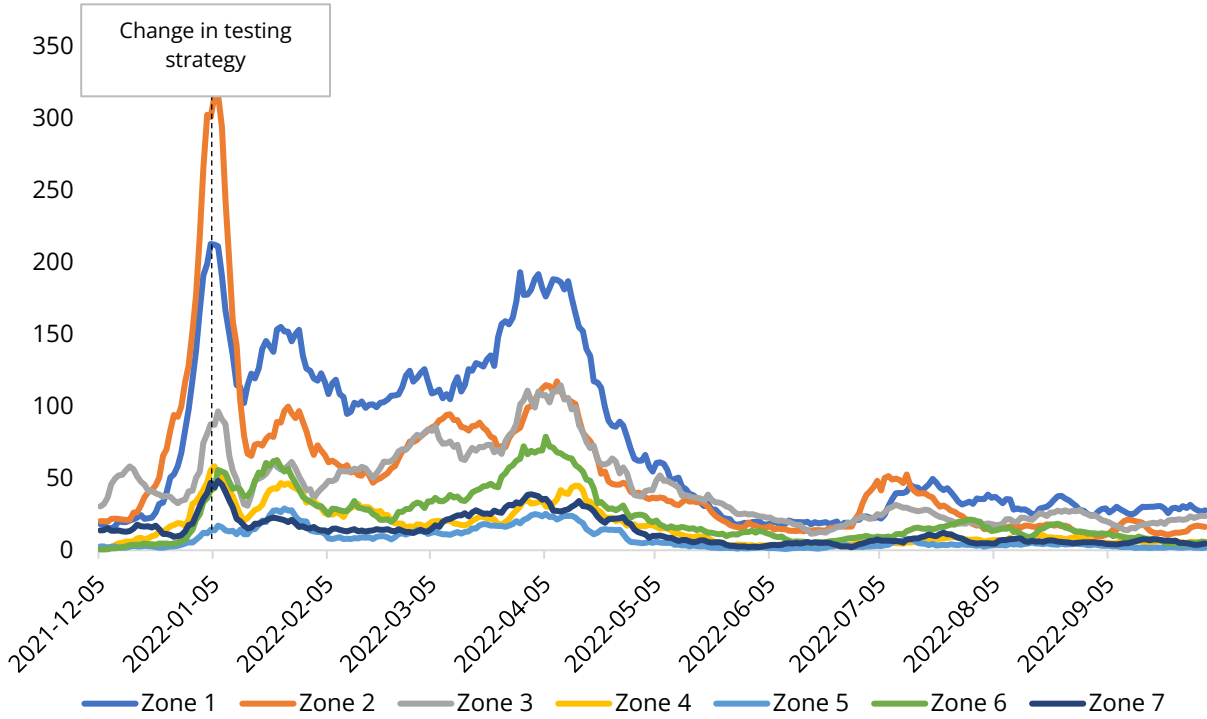


Table 3: Demographics of PCR confirmed COVID-19 cases in New Brunswick by reporting week, current and previous, and cumulative, up to October 1, 2022.

Age range	Current Reporting Week		Previous Reporting Week		Cumulative	
	Number	Percent	Number	Percent	Number	Percent
< 10 years old	16	2.7%	10	1.8%	4595	5.9%
10 - 19 years old	11	1.8%	5	0.9%	4345	5.6%
20 - 29 years old	55	9.2%	45	8.1%	10602	13.6%
30 - 39 years old	90	15.1%	80	14.3%	11323	14.5%
40 - 49 years old	77	12.9%	85	15.2%	10929	14.0%
50 - 59 years old	104	17.4%	100	17.9%	13452	17.2%
60 - 69 years old	85	14.3%	100	17.9%	9842	12.6%
70 - 79 years old	77	12.9%	69	12.4%	6449	8.3%
80 - 89 years old	57	9.6%	48	8.6%	4541	5.8%
90+ years old	24	4.0%	16	2.9%	1978	2.5%
Total	596	100.0%	558	100.0%	78056	100.0%
Vaccination status ⁶	Number	Percent	Number	Percent	Number ⁷	Percent
Protected	426	71.5%	404	72.4%	45129	65.1%
Unprotected	170	28.5%	154	27.6%	24156	34.9%
Total	596	100.0%	558	100.0%	69285	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 October 1, 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	1	47	0	0	1	47	0
10 - 19 years old	0	1	16	0	0	1	16	0
20 - 29 years old	0	0	44	0	0	13	41	2
30 - 39 years old	1	1	53	0	0	12	47	4
40 - 49 years old	0	0	118	0	0	42	110	15
50 - 59 years old	0	1	205	0	1	63	192	22
60 - 69 years old	5	3	333	0	0	96	307	50
70 - 79 years old	6	3	453	0	0	103	393	134
80 - 89 years old	4	6	364	0	0	42	304	159
90+ years old	2	2	151	0	0	10	109	104
Total	19	18	1784	0	1	383	1566	490

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

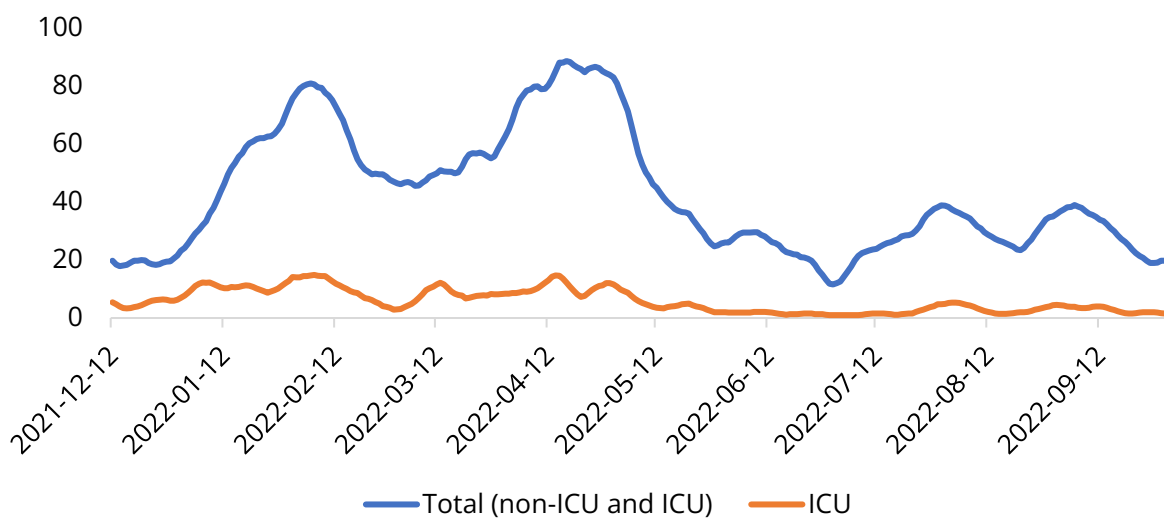
⁹ Deaths are those where COVID-19 was a primary or contributing factor to cause of death as per the attending physician.

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	817	54.7%	201.0	104	41.4%	25.6	206	60.2%	50.7
Unprotected	677	45.3%	196.6	147	58.6%	42.7	136	39.8%	39.5
Total	1494	100.0%	199.0	251	100.0%	33.4	342	100.0%	45.6

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 an uptick in cases.
- 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 259 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, except for Europe, which is on an upward trend. Data are incomplete and may change as additional cases are reported.
 - Germany and China have the two highest new case counts in the last 7 days, followed by France, Japan, and Russia.
- 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.