



COVID-19 Report

**REPORTING PERIOD:
JULY 17 TO JULY 23, 2022 (WEEK 29)**

July 26
Department of Health





SUMMARY

n = 938 New PCR confirmed cases ¹	n = 5 Deaths ¹	n = 69662 Cases are resolved	n = 1374 Cases are active ²
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n = 34 Current hospitalizations ^{2,3} (non-ICU and ICU)	n = 3 Current ICU ^{2,3}	n = 30 Seven-day moving average (hospitalizations)	n = 134 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.
- There was an increase in the number of hospital admissions for COVID-19 this week (40) compared to last week (30).
- The number of active hospitalizations has increased this week (34) compared to last week (22).
- The number of deaths has remained stable (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 hospitalization for COVID-19 and death.
- Amongst the most recent random sample sequenced for COVID-19:
 - 0% of samples are BA.1.
 - 9% of samples are BA.2.
 - 20% of samples are BA.4.
 - 71% of samples are BA.5.

¹ Reported during Sunday, July 17 to Saturday, July 23, 2022 (week 29).

² Status as of 11:59pm on Saturday, July 23, 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	323566 (+1252)	23181 (+351)
Zone 2	151938 (+1508)	17641 (+216)
Zone 3	164847 (+1551)	17191 (+233)
Zone 4	82096 (+237)	4041 (+32)
Zone 5	46040 (+162)	1770 (+15)
Zone 6	66378 (+447)	6520 (+138)
Zone 7	39128 (+323)	3448 (+44)
Total	873993 (+5480)	73792 (+1029)

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	301	22338	21785	120	433	43
Zone 2	206	16239	15847	75	317	29
Zone 3	149	13439	13130	72	237	21
Zone 4	61	5829	5681	65	83	9
Zone 5	25	2865	2802	30	33	4
Zone 6	119	6538	6324	48	166	17
Zone 7	77	4231	4093	33	105	11
Total	938	71479	69662	443	1374	134

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

⁵ Status as of 11:59pm on Saturday, July 23, 2022



Figure 1: Seven-day moving average of PCR confirmed COVID-19 cases by report date from December 5, 2021 to July 23, 2022.

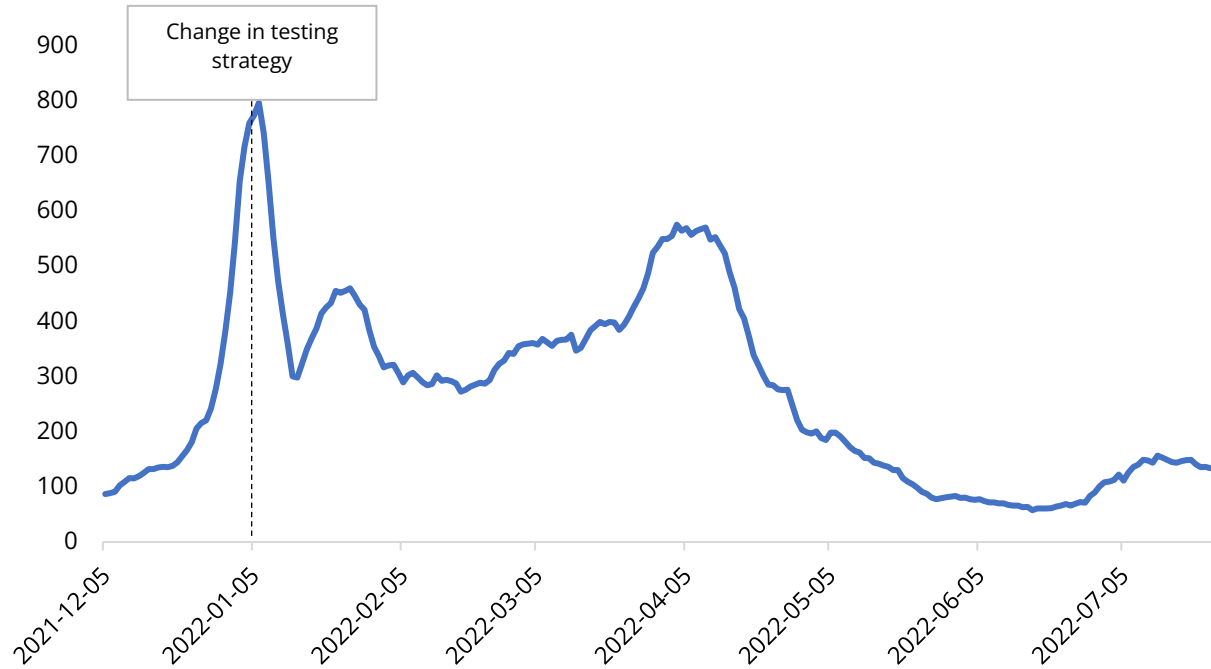


Figure 2: Seven-day moving average of PCR confirmed COVID-19 cases by zone and report date from December 5, 2021 to July 23, 2022.

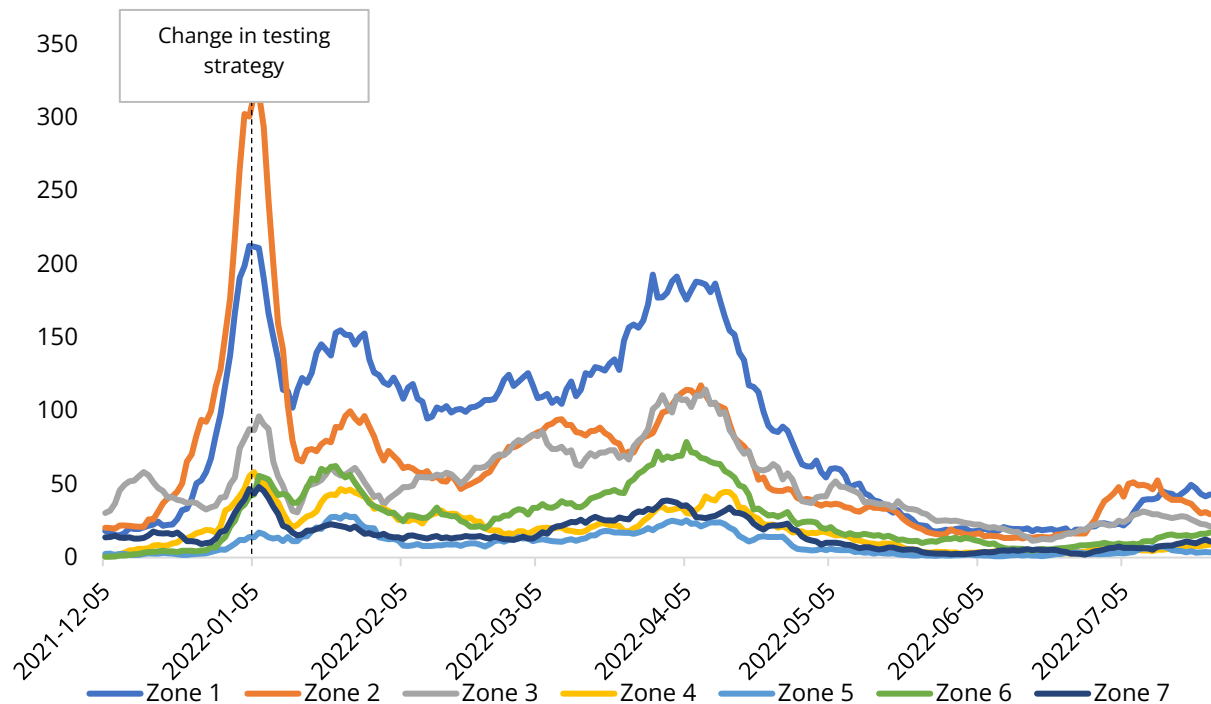


Table 3: Demographics of PCR confirmed COVID-19 cases in New Brunswick by reporting week, current and previous, and cumulative, up to July 23, 2022.

Age range	Current Reporting Week		Previous Reporting Week		Cumulative	
	Number	Percent	Number	Percent	Number	Percent
< 10 years old	18	1.9%	22	2.2%	4440	6.2%
10 - 19 years old	12	1.3%	20	2.0%	4234	5.9%
20 - 29 years old	115	12.3%	131	13.0%	9867	13.8%
30 - 39 years old	89	9.5%	117	11.7%	10459	14.6%
40 - 49 years old	119	12.7%	131	13.0%	10072	14.1%
50 - 59 years old	205	21.9%	211	21.0%	12263	17.2%
60 - 69 years old	163	17.4%	171	17.0%	8792	12.3%
70 - 79 years old	120	12.8%	136	13.5%	5637	7.9%
80 - 89 years old	77	8.2%	53	5.3%	3961	5.5%
90+ years old	20	2.1%	12	1.2%	1754	2.5%
Total	938	100.0%	1004	100.0%	71479	100.0%
Vaccination status ⁶	Number	Percent	Number	Percent	Number ⁷	Percent
Protected	650	69.3%	714	71.1%	40470	64.5%
Unprotected	288	30.7%	290	28.9%	22238	35.5%
Total	938	100.0%	1004	100.0%	62708	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.

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 July 23, 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	40	0	0	1	40	0
10 - 19 years old	0	0	14	0	0	1	14	0
20 - 29 years old	1	0	41	0	0	12	38	2
30 - 39 years old	0	0	46	0	0	11	42	3
40 - 49 years old	3	0	107	0	0	40	97	15
50 - 59 years old	3	1	188	2	1	59	175	20
60 - 69 years old	8	9	290	1	0	89	264	46
70 - 79 years old	7	9	381	0	0	92	316	127
80 - 89 years old	13	10	299	0	0	37	240	144
90+ years old	5	1	128	0	0	8	84	86
Total	40	30	1534	3	1	350	1310	443

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

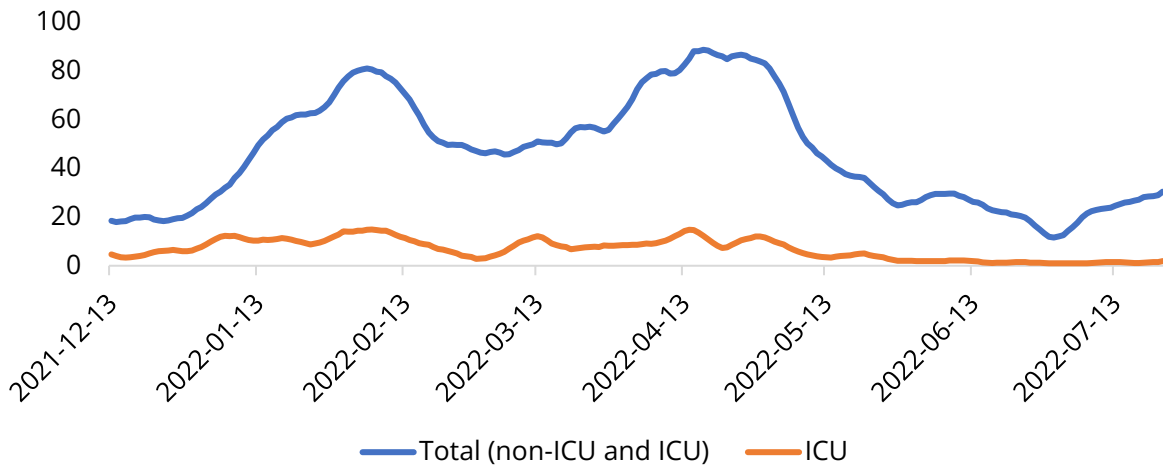
⁹ Deaths are those where COVID-19 was a primary or contributing factor to cause of death as per the attending physician.

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	649	52.2%	152.1	86	39.4%	20.2	166	56.3%	38.9
Unprotected	595	47.8%	183.6	132	60.6%	40.7	129	43.7%	39.8
Total	1244	100.0%	165.7	218	100.0%	29.0	295	100.0%	39.3

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.



National and International COVID-19 Activity

CANADA

- National data, and most provinces, is showing an increasing trend. However, data is delayed for some provinces and territories.
- The most recent data is showing deaths are increasing.

INTERNATIONAL

- Maine cases have slightly decreased over the past week; currently at a 197 7-day average.
- Global case counts have slightly decreased since last week but may rise as data is collected; therefore, continuing the upward trend. There were roughly 6.0 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.
 - Europe is showing a decrease in confirmed cases last week. Western Pacific, South-East Asia, and Eastern Mediterranean continue to follow an increasing trend.
 - Japan and Germany have the two highest new case counts in the last 7 days, followed by the United States, Italy, and the Republic of Korea.
 - Some of the countries with the highest rates are clustered in central Europe as well as Australia, New Zealand, and Japan.
- Global deaths have appeared to have reached a plateau over the last few months.
- Over 200 countries have reported Omicron cases.
 - Both BA.4 and BA.5 sub-variants have been detected in Canada and continue to increase.