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# COVID-19 Report

**REPORTING PERIOD:  
OCTOBER 9 TO OCTOBER 15, 2022 (WEEK 41)**

**October 18**  
Department of Health





## SUMMARY

<b>n = 747</b> New PCR confirmed cases <sup>1</sup>	<b>n = 4</b> Deaths <sup>1</sup>	<b>n = 77839</b> Cases are resolved	<b>n = 1019</b> Cases are active <sup>2</sup>
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<b>n = 35</b> Current hospitalizations <sup>2,3</sup> (non-ICU and ICU)	<b>n = 2</b> Current ICU <sup>2,3</sup>	<b>n = 30</b> Seven-day moving average (hospitalizations)	<b>n = 106</b> Seven-day moving average (cases)
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## HIGHLIGHTS

- The number of PCR confirmed cases has increased over the past two weeks.
- The number of hospital admissions for COVID-19 has increased this week (29) compared to last week (27).
- The number of active hospitalizations has increased this week (35) compared to last week (27).
- The number of deaths has remained relatively stable this week (4) compared to last week (3).
- 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.
  - 7% of samples are BA.4.
  - 93% of samples are BA.5.

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<sup>1</sup> Reported during Sunday, October 9 to Saturday, October 15, 2022 (week 41).

<sup>2</sup> Status as of 11:59pm on Saturday, October 15, 2022.

<sup>3</sup> Confirmed cases hospitalized for COVID-19.

## COVID-19 LABORATORY DATA<sup>4</sup>

**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	336244 (+1014)	25708 (+225)
Zone 2	164439 (+567)	18807 (+106)
Zone 3	178675 (+1120)	19096 (+190)
Zone 4	86139 (+404)	4303 (+15)
Zone 5	48205 (+228)	1886 (+10)
Zone 6	71348 (+393)	7191 (+33)
Zone 7	43708 (+362)	3708 (+36)
<b>Total</b>	<b>928758 (+4088)</b>	<b>80699 (+615)</b>

**Table 2:** Total number of PCR confirmed COVID-19 cases.

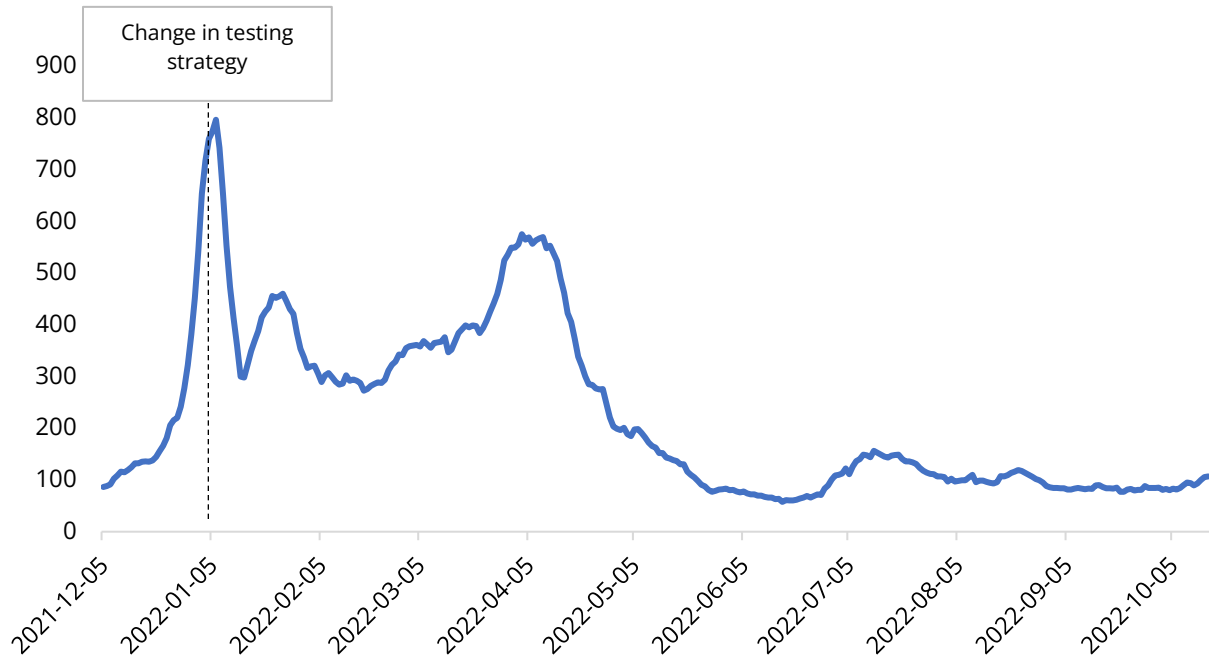
Zone	Current reporting week	Cumulative confirmed	Number of resolved	Number of deceased	Number of active <sup>5</sup>	Seven-day moving average
Zone 1	225	24823	24370	167	286	32
Zone 2	136	17616	17315	101	200	19
Zone 3	152	15213	14904	95	214	22
Zone 4	87	6460	6259	77	124	12
Zone 5	22	3128	3063	34	31	3
Zone 6	79	7480	7310	66	104	11
Zone 7	46	4714	4618	36	60	7
<b>Total</b>	<b>747</b>	<b>79434</b>	<b>77839</b>	<b>576</b>	<b>1019</b>	<b>106</b>

<sup>4</sup> Source: George Dumont Laboratory extracts and self-reported POCT database

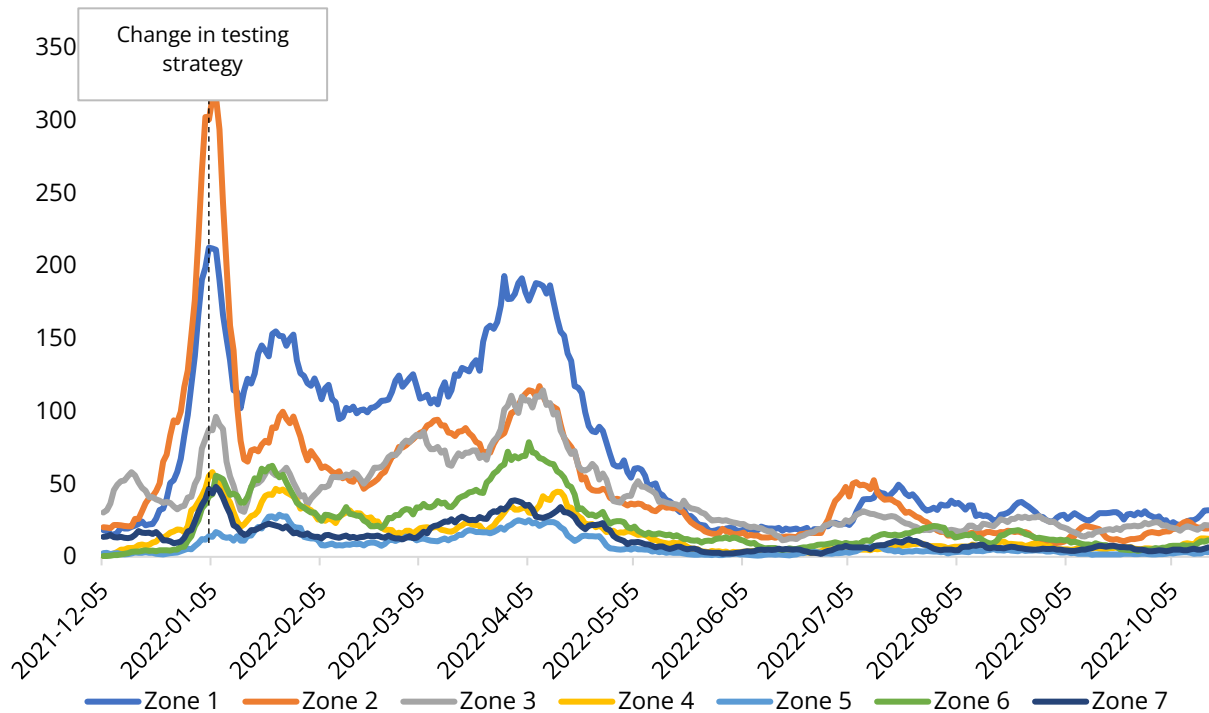
<sup>5</sup> Status as of 11:59pm on Saturday, October 15, 2022



**Figure 1:** Seven-day moving average of PCR confirmed COVID-19 cases by report date from December 5, 2021, to October 15, 2022.



**Figure 2:** Seven-day moving average of PCR confirmed COVID-19 cases by zone and report date from December 5, 2021, to October 15, 2022.



**Table 3:** Demographics of PCR confirmed COVID-19 cases in New Brunswick by reporting week, current and previous, and cumulative, up to October 15, 2022.

Age range	Current Reporting Week		Previous Reporting Week		Cumulative	
	Number	Percent	Number	Percent	Number	Percent
< 10 years old	19	2.5%	14	2.2%	4628	5.8%
10 - 19 years old	7	0.9%	8	1.3%	4360	5.5%
20 - 29 years old	66	8.8%	56	8.9%	10724	13.5%
30 - 39 years old	91	12.2%	63	10.0%	11476	14.4%
40 - 49 years old	99	13.3%	75	11.9%	11104	14.0%
50 - 59 years old	155	20.7%	115	18.2%	13722	17.3%
60 - 69 years old	91	12.2%	112	17.7%	10045	12.6%
70 - 79 years old	116	15.5%	102	16.2%	6667	8.4%
80 - 89 years old	79	10.6%	59	9.4%	4674	5.9%
90+ years old	24	3.2%	27	4.3%	2034	2.6%
<b>Total</b>	<b>747</b>	<b>100.0%</b>	<b>631</b>	<b>100.0%</b>	<b>79434</b>	<b>100.0%</b>
Vaccination status <sup>6</sup>	Number	Percent	Number	Percent	Number <sup>7</sup>	Percent
<b>Protected</b>	553	74.0%	452	71.6%	46134	65.3%
<b>Unprotected</b>	194	26.0%	179	28.4%	24529	34.7%
<b>Total</b>	<b>747</b>	<b>100.0%</b>	<b>631</b>	<b>100.0%</b>	<b>70663</b>	<b>100.0%</b>

<sup>6</sup>Protected 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.

<sup>7</sup>Cases reported since December 5, 2021.

## COVID-19 HOSPITALIZATIONS<sup>8</sup> AND DEATH<sup>9</sup> 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 15, 2022).

Age range	Total admissions (non-ICU and ICU)			ICU admissions			Resolved or discharg- ed	Deceased <sup>10</sup>
	Current reporting week	Previous reporting week	Cumulative	Current reporting week	Previous reporting week	Cumulative	Cumulative	Cumulative
< 10 years old	1	1	49	0	0	1	49	0
10 - 19 years old	1	0	17	1	0	2	17	0
20 - 29 years old	0	0	44	0	0	13	41	3
30 - 39 years old	1	1	55	0	0	12	49	5
40 - 49 years old	1	0	119	0	0	42	110	14
50 - 59 years old	4	2	211	0	0	63	195	22
60 - 69 years old	5	7	345	1	1	98	315	57
70 - 79 years old	12	9	474	0	1	105	404	155
80 - 89 years old	4	7	375	0	0	42	314	181
90+ years old	0	0	151	0	0	10	112	139
<b>Total</b>	<b>29</b>	<b>27</b>	<b>1840</b>	<b>2</b>	<b>2</b>	<b>388</b>	<b>1606</b>	<b>576</b>

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

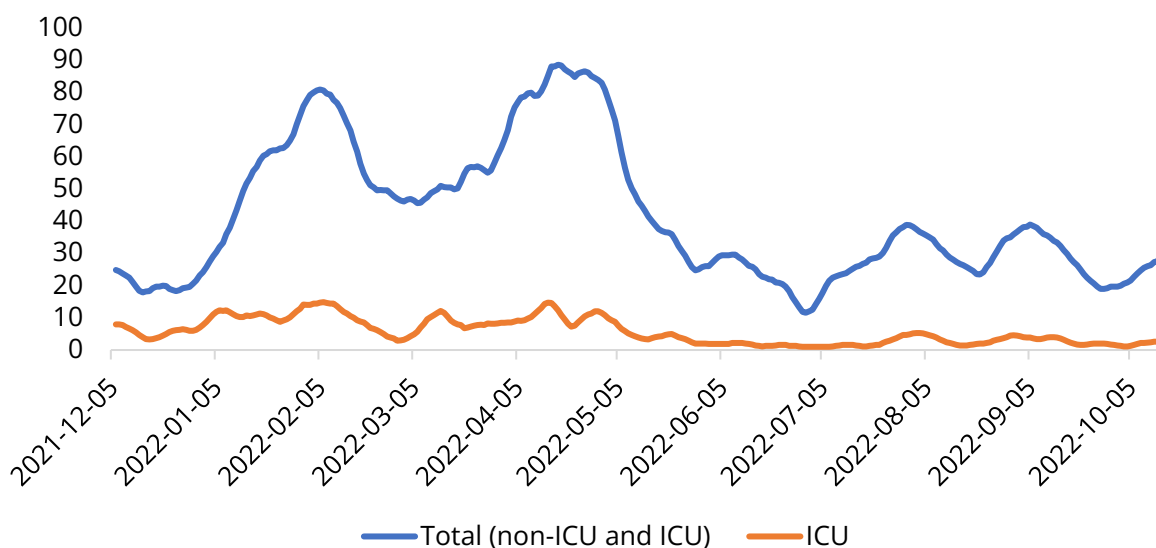
<sup>9</sup> Deaths are those where COVID-19 was a primary or contributing factor to cause of death as per the attending physician.

<sup>10</sup> 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 <sup>11</sup>	Hospitalizations (non-ICU and ICU)			ICU			Deceased		
	N	%	Rate per 100,000	N	%	Rate per 100,000	N	%	Rate per 100,000
Protected	851	54.9%	209.2	107	41.8%	26.3	267	62.4%	65.6
Unprotected	699	45.1%	203.2	149	58.2%	43.3	161	37.6%	46.8
<b>Total</b>	<b>1550</b>	<b>100.0%</b>	<b>206.5</b>	<b>256</b>	<b>100.0%</b>	<b>34.1</b>	<b>428</b>	<b>100.0%</b>	<b>57.0</b>

**Figure 3:** Seven-day moving average of hospitalizations for COVID-19 since December 5, 2021 (week 49).



<sup>11</sup>Protected 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

- Case counts continue to rise since last week at the national level.
- Deaths saw an uptick last week following a decline over the last several months. Data from the most recent week are not available.

## INTERNATIONAL

- Maine cases are showing a slow and slight upward trend; currently at a 266 7-day average, which is higher than the 7-day averages demonstrated over the last few months.
- Global case counts have declined slightly after a few weeks of stable case counts. 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 Western Pacific, which has increase slightly since last week. Data are incomplete and may change as additional cases are reported.
  - Germany and France have the two highest new case counts in the last 7 days, followed by China, Italy, and Japan.
- Global deaths continue to decrease since the previous reporting period.
- Over 200 countries have reported Omicron cases.
  - Both BA.4 and BA.5 sub-variants have been detected in Canada.
  - BQ.1 and BQ.1.1, subvariants of BA.5, are quickly increasing in prevalence throughout the United States.