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# COVID-19 Report

**REPORTING PERIOD:  
OCTOBER 23 TO OCTOBER 29, 2022  
(WEEK 43)**

**November 1**  
Department of Health





## SUMMARY

<b>n = 589</b> New PCR confirmed cases <sup>1</sup>	<b>n = 7</b> Deaths <sup>1</sup>	<b>n = 79276</b> Cases are resolved	<b>n = 847</b> Cases are active <sup>2</sup>
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<b>n = 43</b> Current hospitalizations <sup>2,3</sup> (non-ICU and ICU)	<b>n = 2</b> Current ICU <sup>2,3</sup>	<b>n = 41</b> Seven-day moving average (hospitalizations)	<b>n = 85</b> 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 this week (38) compared to last week (29).
- The number of active hospitalizations has increased this week (43) compared to last week (33).
- The number of deaths has decreased this week (7) compared to last week (9).
- 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.
  - 1% of samples are BA.2.
  - 0% of samples are BA.3.
  - 5% of samples are BA.4.
  - 94% of samples are BA.5.

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<sup>1</sup> Reported during Sunday, October 23 to Saturday, October 29, 2022 (week 43).

<sup>2</sup> Status as of 11:59pm on Saturday, October 29, 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	338314 (+1018)	26056 (+160)
Zone 2	167096 (+1882)	18970 (+67)
Zone 3	180925 (+1033)	19344 (+130)
Zone 4	86931 (+384)	4334 (+12)
Zone 5	48867 (+330)	1923 (+16)
Zone 6	72293 (+448)	7245 (+22)
Zone 7	44372 (+301)	3740 (+12)
<b>Total</b>	<b>938798 (+5396)</b>	<b>81612 (+419)</b>

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

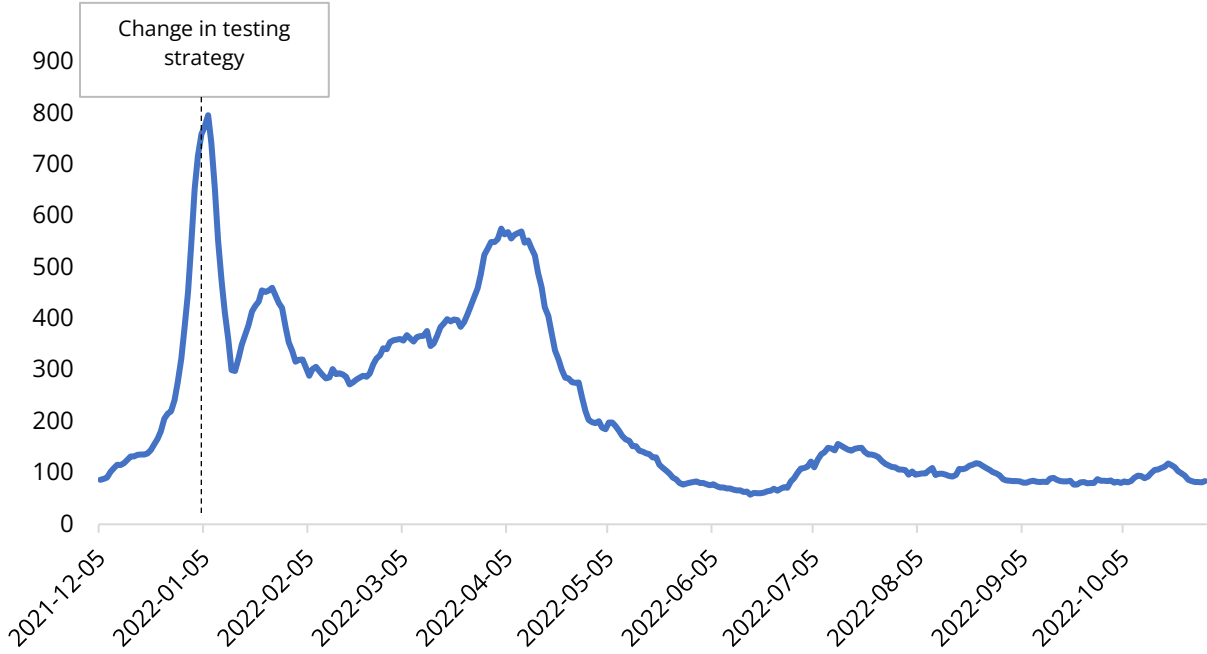
Zone	Current reporting week	Cumulative confirmed	Number of resolved	Number of deceased	Number of active <sup>5</sup>	Seven-day moving average
Zone 1	151	25166	24766	176	224	22
Zone 2	133	17874	17594	102	178	19
Zone 3	104	15460	15209	100	151	15
Zone 4	44	6555	6419	77	59	6
Zone 5	54	3236	3122	34	80	8
Zone 6	62	7634	7468	67	99	9
Zone 7	41	4790	4698	36	56	6
<b>Total</b>	<b>589</b>	<b>80715</b>	<b>79276</b>	<b>592</b>	<b>847</b>	<b>85</b>

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

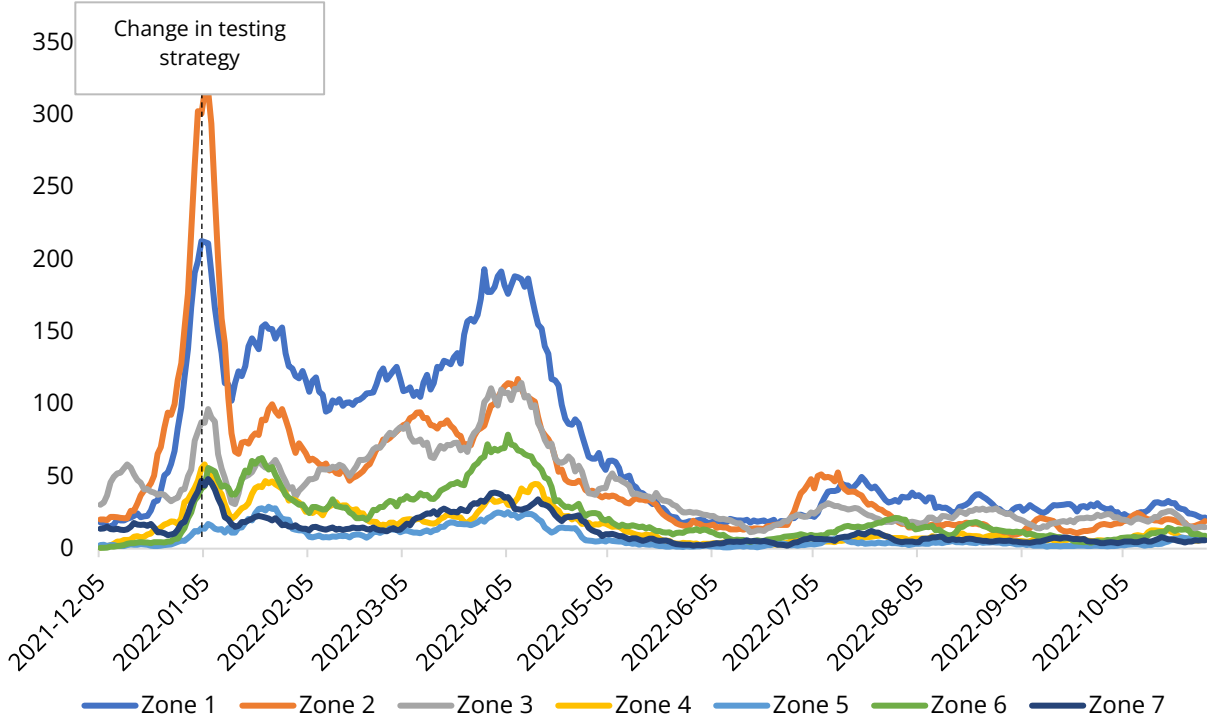
<sup>5</sup> Status as of 11:59pm on Saturday, October 29, 2022



**Figure 1:** Seven-day moving average of PCR confirmed COVID-19 cases by report date from December 5, 2021, to October 29, 2022.



**Figure 2:** Seven-day moving average of PCR confirmed COVID-19 cases by zone and report date from December 5, 2021, to October 29, 2022.



**Table 3:** Demographics of PCR confirmed COVID-19 cases in New Brunswick by reporting week, current and previous, and cumulative, up to October 29, 2022.

Age range	Current Reporting Week		Previous Reporting Week		Cumulative	
	Number	Percent	Number	Percent	Number	Percent
< 10 years old	14	2.4%	19	2.7%	4661	5.8%
10 - 19 years old	2	0.3%	6	0.9%	4368	5.4%
20 - 29 years old	50	8.5%	62	9.0%	10836	13.4%
30 - 39 years old	80	13.6%	91	13.2%	11647	14.4%
40 - 49 years old	62	10.5%	91	13.2%	11257	13.9%
50 - 59 years old	108	18.3%	138	19.9%	13968	17.3%
60 - 69 years old	90	15.3%	80	11.6%	10215	12.7%
70 - 79 years old	96	16.3%	109	15.8%	6872	8.5%
80 - 89 years old	62	10.5%	66	9.5%	4802	5.9%
90+ years old	25	4.2%	30	4.3%	2089	2.6%
<b>Total</b>	<b>589</b>	<b>100.0%</b>	<b>692</b>	<b>100.0%</b>	<b>80715</b>	<b>100.0%</b>
Vaccination status <sup>6</sup>	Number	Percent	Number	Percent	Number <sup>7</sup>	Percent
<b>Protected</b>	423	71.8%	496	71.7%	47053	65.4%
<b>Unprotected</b>	166	28.2%	196	28.3%	24891	34.6%
<b>Total</b>	<b>589</b>	<b>100.0%</b>	<b>692</b>	<b>100.0%</b>	<b>71944</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 29, 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	0	0	49	0	0	1	49	0
10 - 19 years old	0	2	19	0	0	2	19	0
20 - 29 years old	0	1	45	0	1	14	42	3
30 - 39 years old	3	0	58	0	0	12	52	5
40 - 49 years old	1	0	120	0	0	42	111	14
50 - 59 years old	2	2	215	0	0	63	199	23
60 - 69 years old	4	5	354	2	0	100	328	57
70 - 79 years old	15	8	497	0	1	107	421	158
80 - 89 years old	8	8	391	0	0	42	326	185
90+ years old	5	3	159	0	0	10	116	147
<b>Total</b>	<b>38</b>	<b>29</b>	<b>1907</b>	<b>2</b>	<b>2</b>	<b>393</b>	<b>1663</b>	<b>592</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.

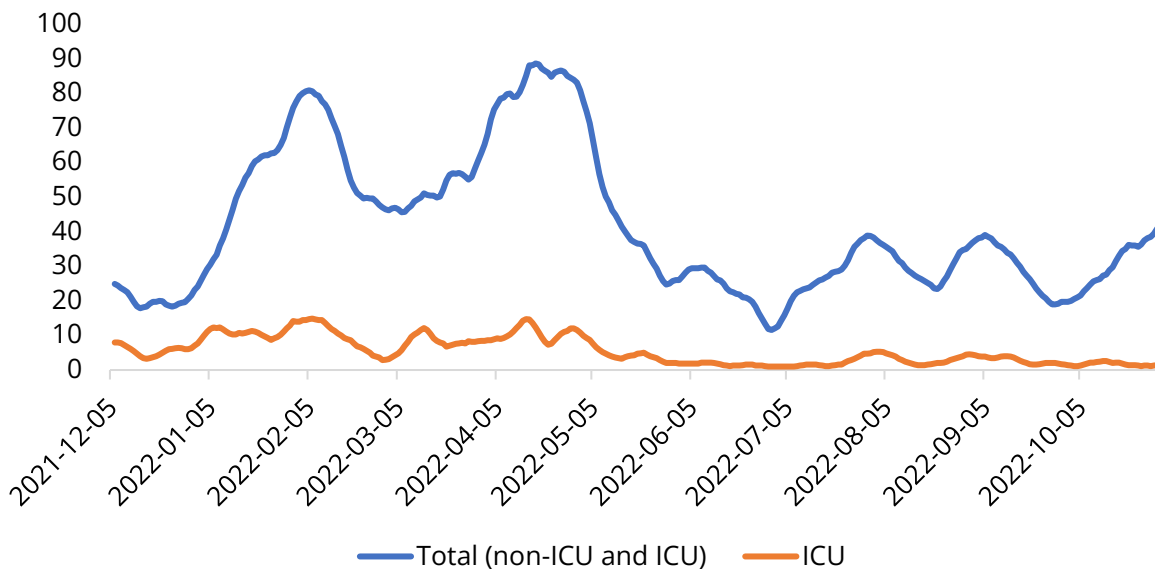
<sup>10</sup> Deceased cases reported within and outside of hospital.



**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	896	55.4%	220.0	111	42.5%	27.3	276	62.2%	67.8
Unprotected	721	44.6%	210.0	150	57.5%	43.7	168	37.8%	48.9
<b>Total</b>	<b>1617</b>	<b>100.0%</b>	<b>215.4</b>	<b>261</b>	<b>100.0%</b>	<b>34.8</b>	<b>444</b>	<b>100.0%</b>	<b>59.1</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 have remained relatively stable at the national level with a slight upward trend over the past several weeks.
- Deaths have decreased over the last few weeks.

## **INTERNATIONAL**

- Maine cases showed a decline since previous weeks; currently at a 211 7-day average.
- Global case counts have declined slightly after a few weeks of stable case counts. There were roughly 2.1 million cases last week.
  - Please note, case and death data for the Regions of the Americas and Africa are incomplete.
  - All regions are showing decreasing case counts, except Western Pacific which is demonstrating stable counts.
  - Germany and Japan have the two highest new case counts in the last 7 days, followed by China, Republic of Korea, and Italy.
- Global deaths continue to decrease since the previous week.