

3 NATIONS COVID-19 UPDATE – 10 December 2021

The information contained in this report is based on recent updates and current information available at the time the report was finalized. It is not inclusive of all actions or measures taken to date by health officials federally, provincially, or locally.

COVID-19 CASE COUNTS

STATUS OF CASES IN BC ¹	As of Dec 9	As of Dec 10	Change
Total confirmed cases in BC	221,576	222,013	437
Total active cases in BC	2,915	2,994	79
Currently in intensive care	73	72	-1
Currently hospitalized	220	211	-9
Total hospitalized to date	12,488	12,500	12
Total deaths in BC	2,378	2,381	3
Total recovered in BC	216,185	216,542	357
CONFIRMED CASES BY BC REGION¹	As of Dec 9	As of Dec 10	Change
Vancouver Coastal Health	45,458	45,548	90
Fraser Health	110,201	110,306	105
Island Health	13,402	13,529	127
Interior Health	34,258	34,351	93
Northern Health	17,955	17,977	22
Out of Canada	302	302	0
STATUS OF CASES IN YUKON ²	As of Dec 9	As of Dec 10	Change
Total confirmed cases	1,567	1,580	13
Total active cases	46	49	3
Total deaths	14	14	0
Total recovered	1,509	1,521	12
STATUS OF FN RESERVE CASES³	As of Dec 8	As of Dec 9	Change
Total confirmed cases	51,055	51,173	118
Total active cases	830	888	58
Total hospitalized	2,371	2,373	2
Total deaths	545	546	1
Total recovered	49,680	49,739	59
Total confirmed cases in BC	6,183	6,183	0

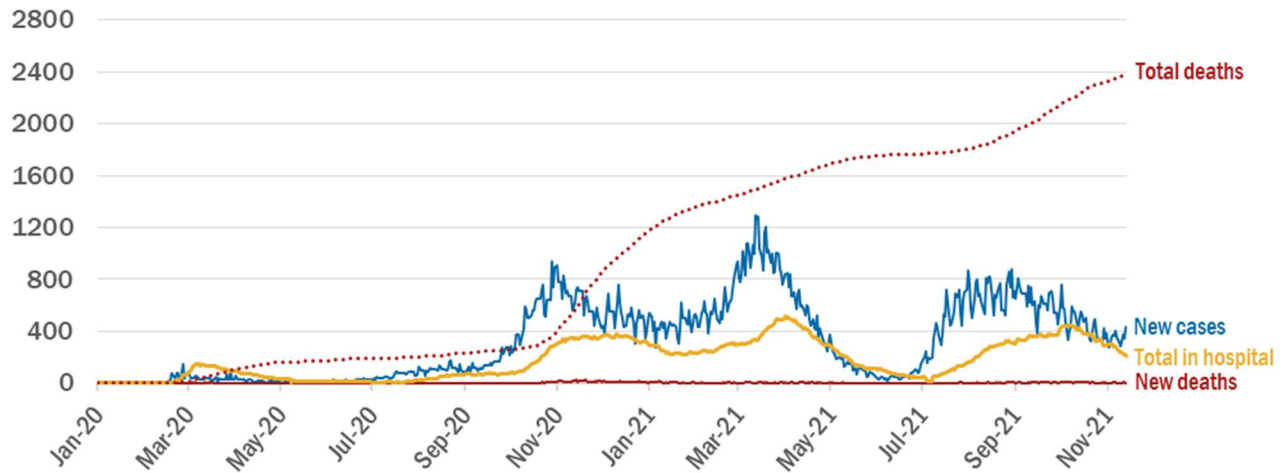
¹ BCCDC COVID-19 Dashboard

² <https://yukon.ca/en/case-counts-covid-19>

³ <https://www.sac-isc.gc.ca/eng/1598625105013/1598625167707>

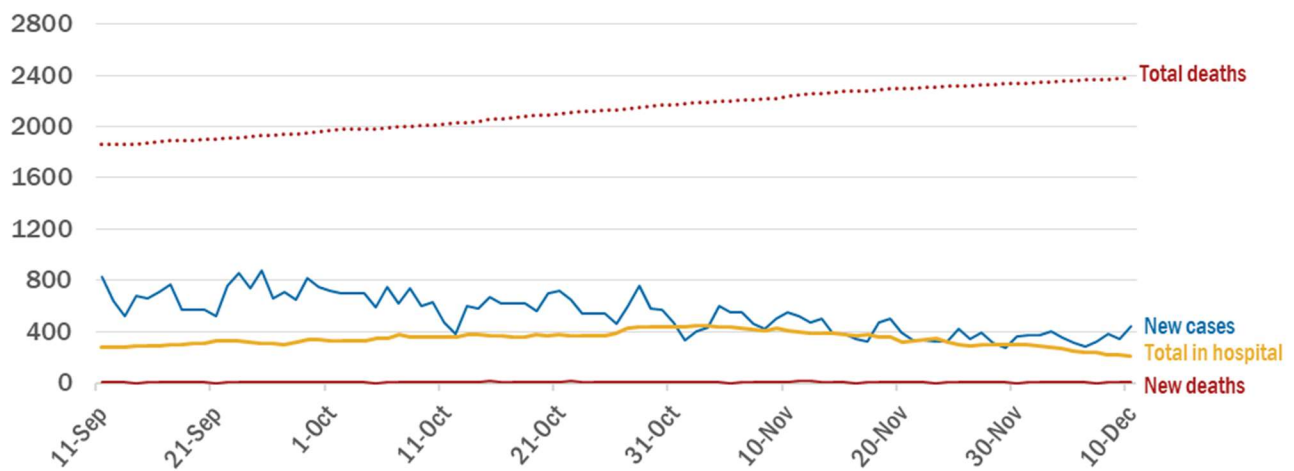
*The numbers of total and new COVID-19 cases are provisional due to a delayed data refresh and will be verified once confirmed.

COVID-19 CASES AND DEATHS IN BC

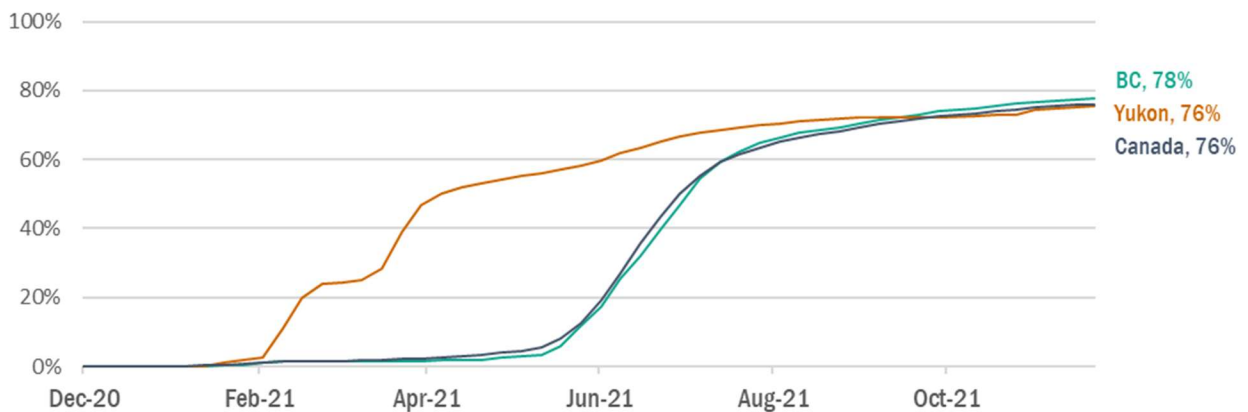


Note: Counts have been averaged where one number was reported for multi-day periods.

COVID-19 CASES AND DEATHS IN BC – PAST THREE MONTHS



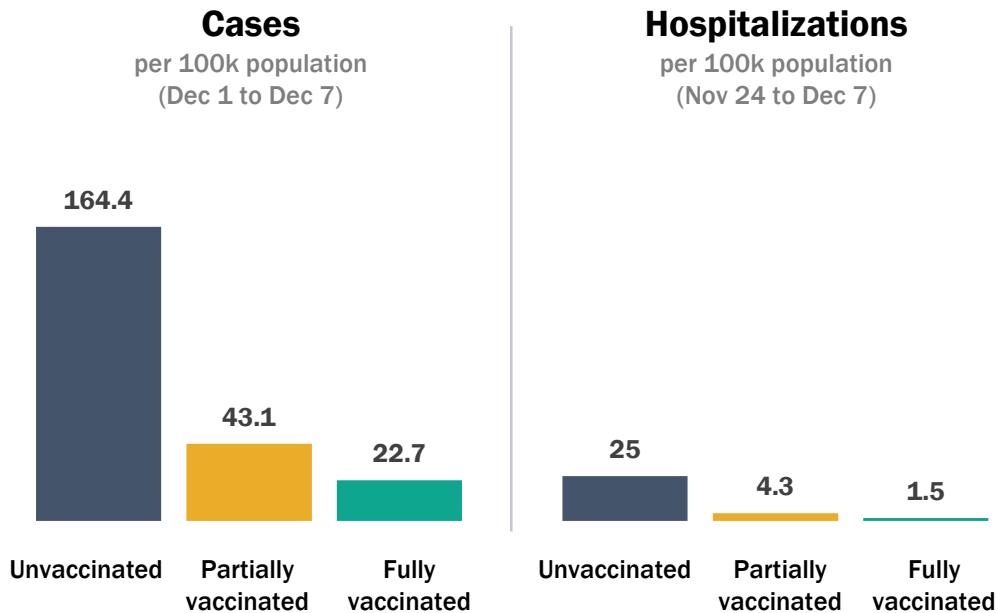
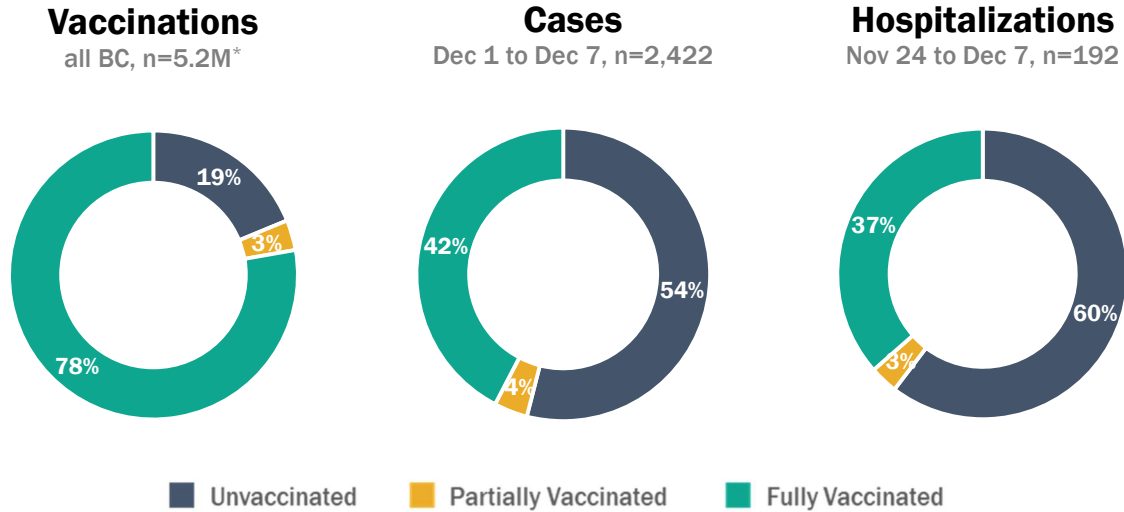
CUMULATIVE % OF PEOPLE FULLY VACCINATED WITH A COVID-19 VACCINE⁴



⁴ <https://health-infobase.canada.ca/covid-19/vaccination-coverage/>

COVID-19 INFECTIONS IN B.C. BY VACCINATION STATUS

- From December 1 to December 7, 2021, people not fully vaccinated accounted for 57.7% of cases, and from November 24 to December 7, 2021, they accounted for 63.5% of hospitalizations.^{5,6}



Note: Due to a delayed refresh in data, the update on cases and hospitalizations by vaccination status is not available

⁵ <https://news.gov.bc.ca/releases/>

⁶ As more people get vaccinated and there are fewer unvaccinated people, the % of cases among vaccinated people is expected to increase.

* <https://health-infobase.canada.ca/covid-19/vaccination-coverage/>

SIGNIFICANT UPDATES IN BRITISH COLUMBIA

- No significant updates from the Government of British Columbia.

SIGNIFICANT UPDATES IN THE YUKON TERRITORY

- No significant updates from the Government of Yukon.

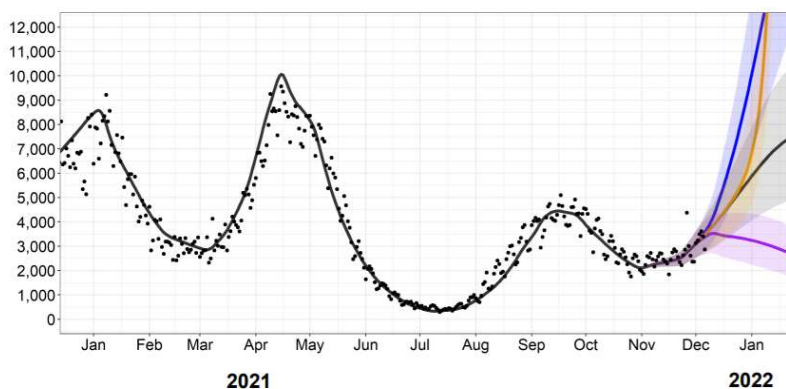
Note: COVID-19 public exposure notices can be found at the following locations:
<https://bit.ly/NorthernHealthExposures> and <https://bit.ly/YukonExposures>

SIGNIFICANT UPDATES FROM THE GOVERNMENT OF CANADA




- Today, Dr. Theresa Tam, Chief Public Health Officer of Canada, presented an update on national epidemiology and modelling for COVID-19 in Canada.⁷ Highlights from the briefing are as follows:
 - Today's updated longer-range modelling forecast⁸ suggests that with our current levels of transmission a resurgence of Delta variant cases is forecasted for Canada, even without any acceleration of the Omicron variant in Canada.
 - If the current level of transmission is maintained, COVID-19 cases could double to between 6,000 and 7,000 a day in January.
 - If transmission levels increase, a sharp increase to approximately 12,000 cases a day may occur in January.
 - The forecast also shows a possible trajectory if spread of the Omicron variant were to accelerate and replace the Delta variant as the predominant variant in Canada.
 - If the current levels of transmission is maintained and Omicron successfully establishes, COVID-19 cases could quadruple to 12,000 a day in January.

Resurgence is forecast for Canada and could be further accelerated if Omicron replaces Delta in the coming weeks


Reported cases



DELTA Predominant

-  If transmission **increases** by 15%
-  If we **maintain** the current levels of transmission
-  If public health measures **reduce** transmission by 15% today

OMICRON Replacement

-  If we maintain the current levels of transmission and Omicron successfully establishes*

*Underestimate - accounts for only increased transmissibility but not immune evasion

⁷ <https://www.canada.ca/en/public-health/news/2021/12/statement-from-the-chief-public-health-officer-of-canada-on-december-10-2021.html>

⁸ <https://www.canada.ca/content/dam/phac-aspc/documents/services/diseases-maladies/coronavirus-disease-covid-19/epidemiological-economic-research-data/update-covid-19-canada-epidemiology-modelling-20211210-en.pdf>

- While there is still considerable uncertainty regarding the potential for Omicron to evade immunity and/or increase disease severity, any rapid resurgence in cases could add additional strain to our still fragile healthcare system.
- Until we know more, Omicron's increased transmissibility and potential for strong resurgence means we must approach the coming weeks with an abundance of caution and at the same time be prepared to act quickly to control spread at the first sign of rapidly accelerating cases.
- Nationally, daily case counts are rising with high infection rates persisting in many areas. During the latest 7 day period (Dec 3-9), an average of 3,450 new cases were reported, which is an increase of 22% compared to the previous week. Currently, hospitalisation and critical care admission trends, which are lagging indicators, have levelled off, but if infection rates accelerate, trends could begin to rise again.
- Despite the challenges ahead with the continuing Delta-driven wave in Canada and emergence of the Omicron variant, we have more and better protections going into this holiday and winter season than previously.
 - Vaccines and our expanding population coverage continue to give us an advantage over this virus.
 - While some reduction in protection is possible with the Omicron variant, COVID-19 vaccines are still expected to provide a level of protection, particularly against severe outcomes.