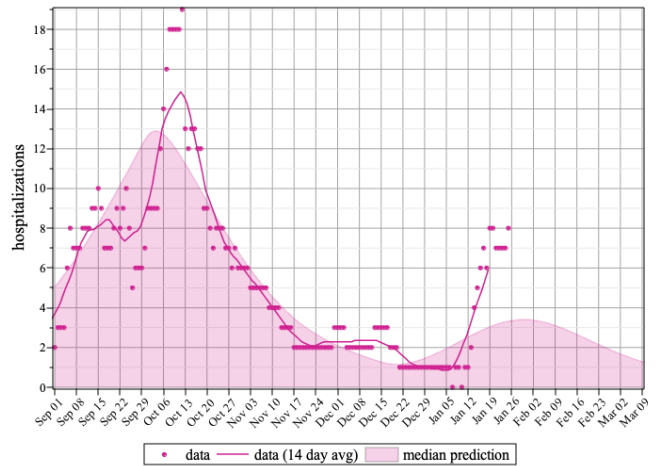
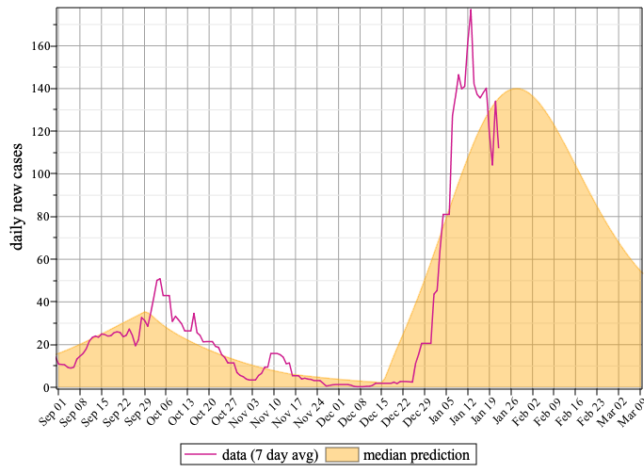


## Status report on COVID-19 in the Northwest Territories

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This status report summarizes the latest results from a mathematical model of the spread of COVID-19 in the Northwest Territories. The model considers the effects of the wild, alpha, delta, and omicron variants; vaccines; and case importations due to travel. The model is calibrated by examining COVID-19 data from across Canada.



### KEY FINDINGS AND CAVEATS

- Under current conditions, more than **100 new cases per day** are forecast for the Northwest Territories until mid February.
- Due to the small population of the Northwest Territories, **large random fluctuations around model predictions** are expected. This is especially true for hospitalization forecasts. Model predictions should always be compared to the multi-day average of real data.
- Just like weather forecasting, predictions become less certain the further we look into the future.
- Our understanding of the omicron variant continues to evolve. As we learn more, this model will be updated and forecasts will change.
- Other sources of uncertainty include: the waning rate of natural and vaccine induced immunity; voluntary public response to rising or falling case numbers; and compliance with government mandates.

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