



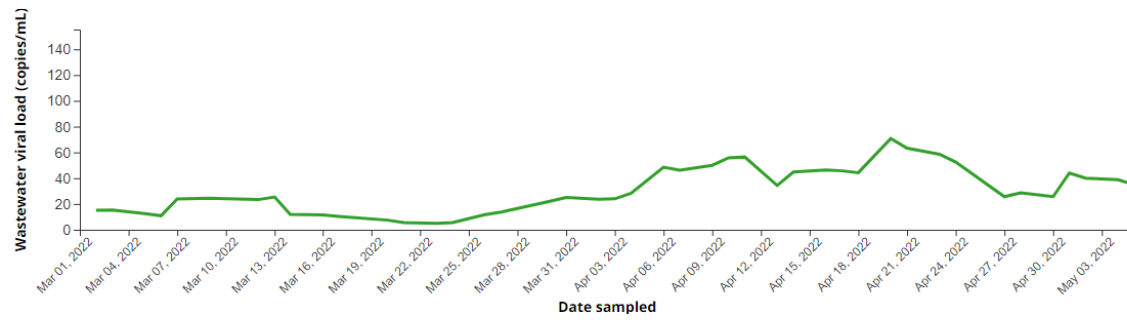
# COVID-19 NOVEL CORONAVIRUS

*Dr. Brent Roussin, CPPHO*

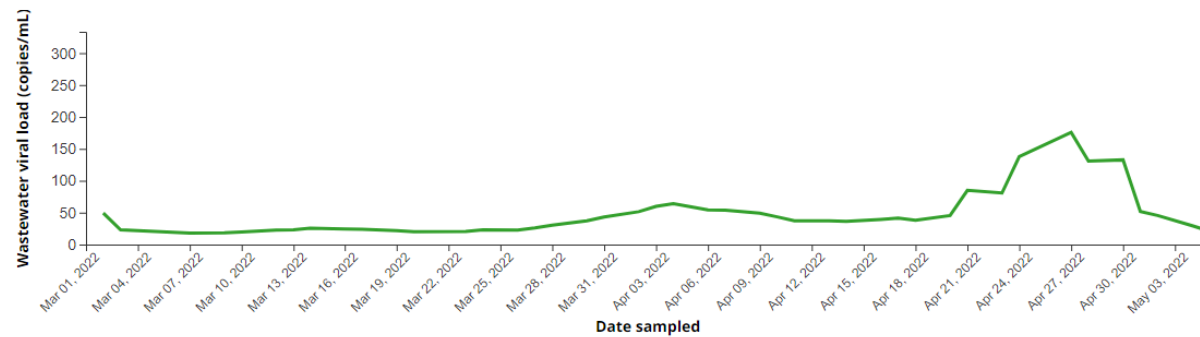


## Wastewater surveillance

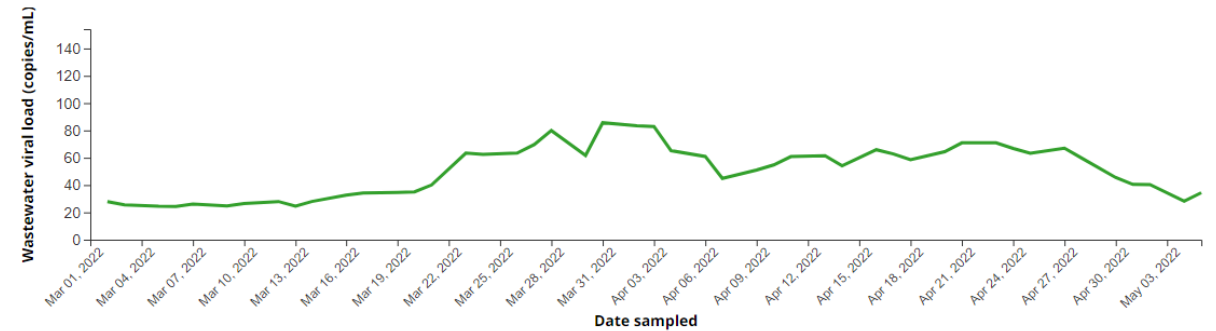
Winnipeg North End



Winnipeg West End



Winnipeg South End

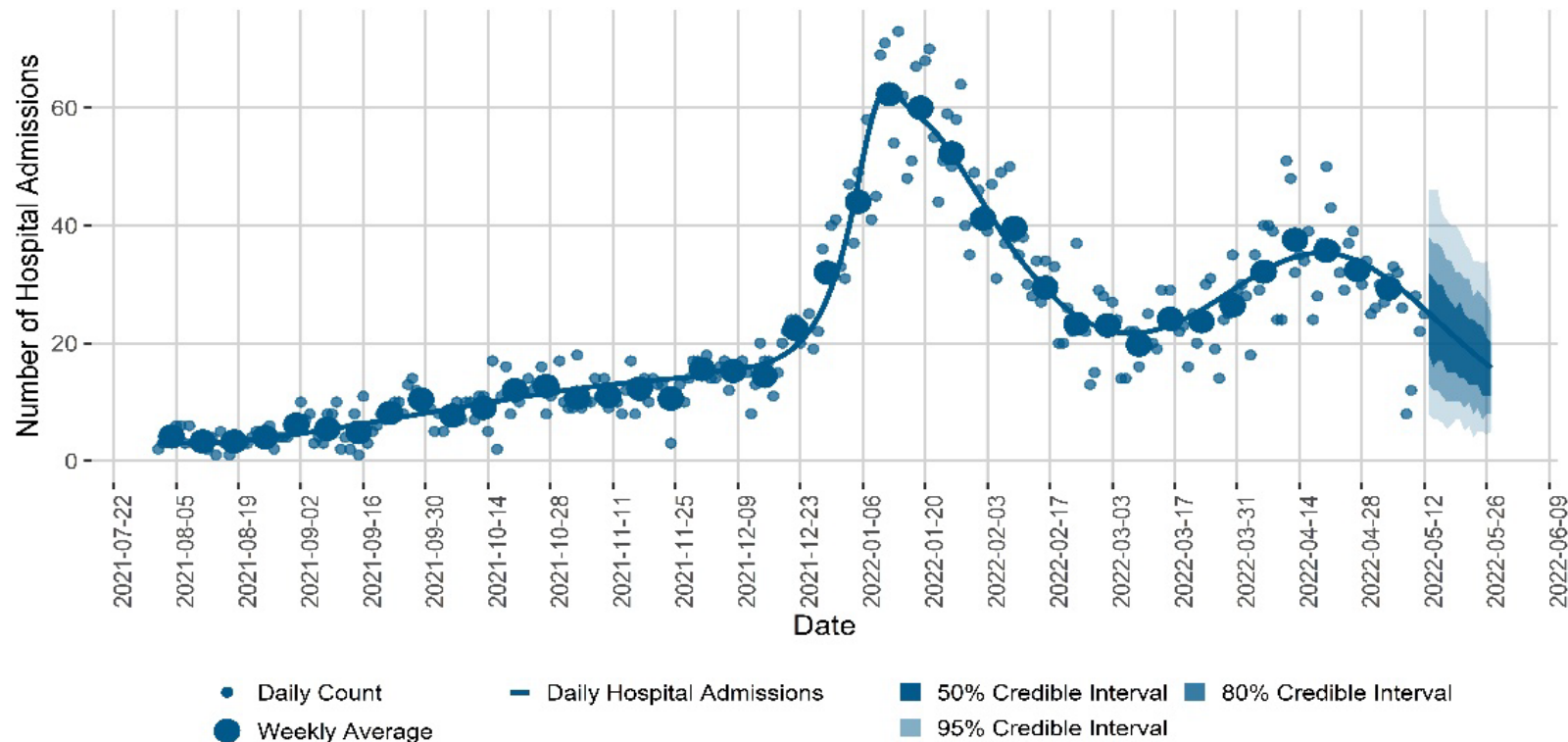


The background of the slide features several stylized virus particles. These are represented as dark blue circles with multiple small, dark blue protrusions (spikes) extending from their perimeters. One large virus particle is positioned on the left side, partially behind the text. Several smaller virus particles are scattered across the upper and right portions of the slide.

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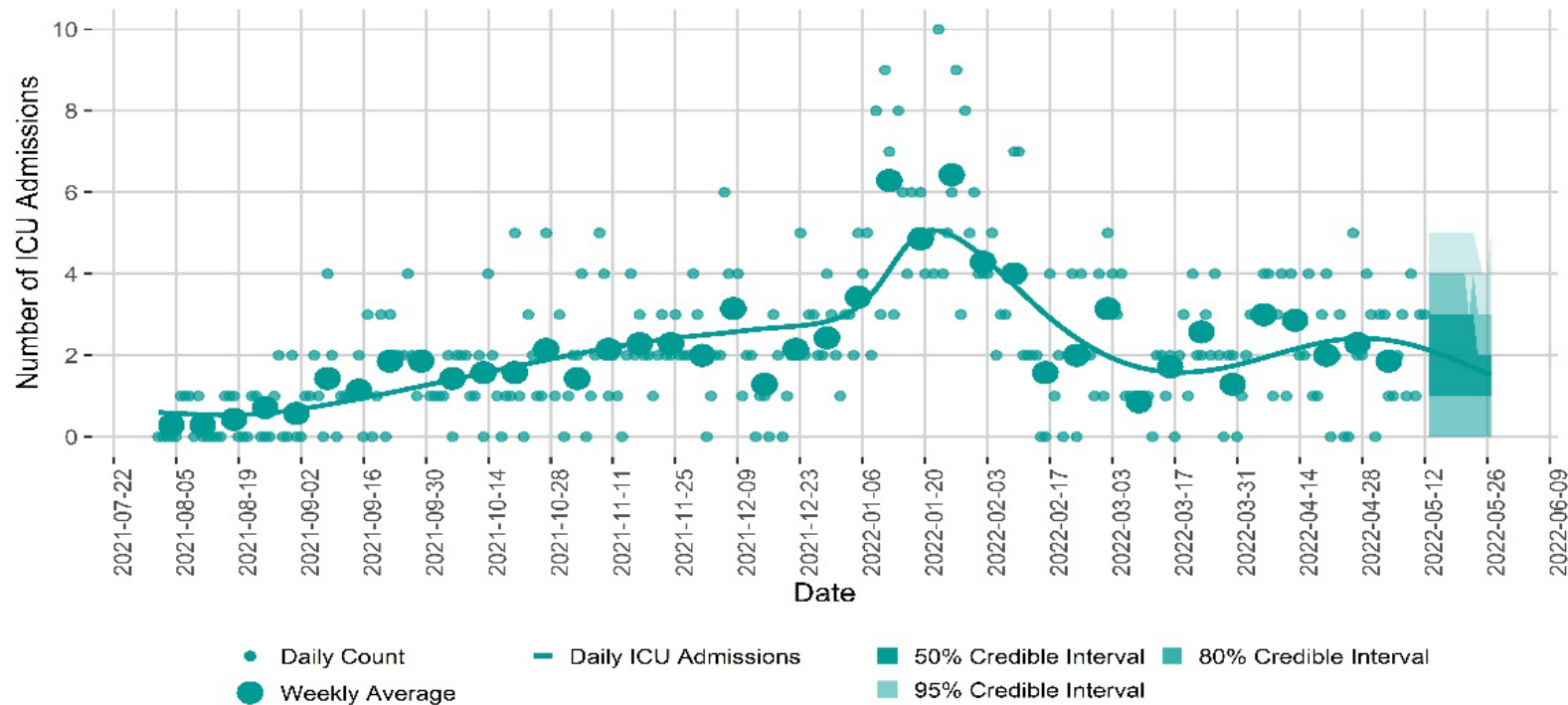
Manitoba 

## Modelling on COVID Hospital Admissions



Data Updated: 2022-05-13

## Modelling on COVID ICU Admissions



Data Updated: 2022-05-13

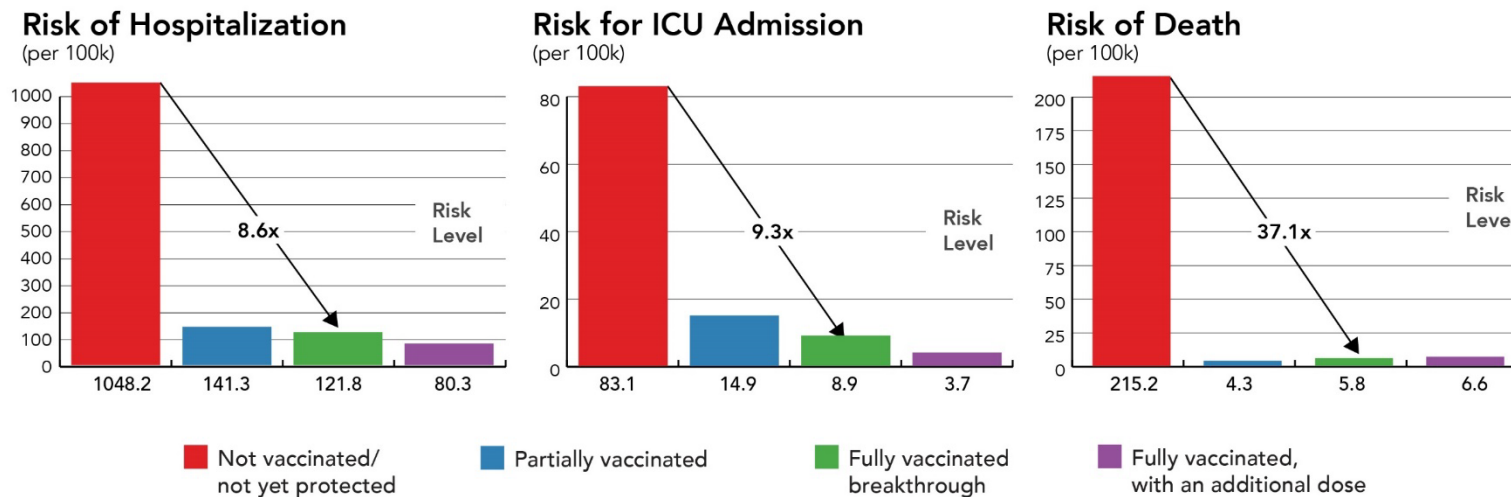
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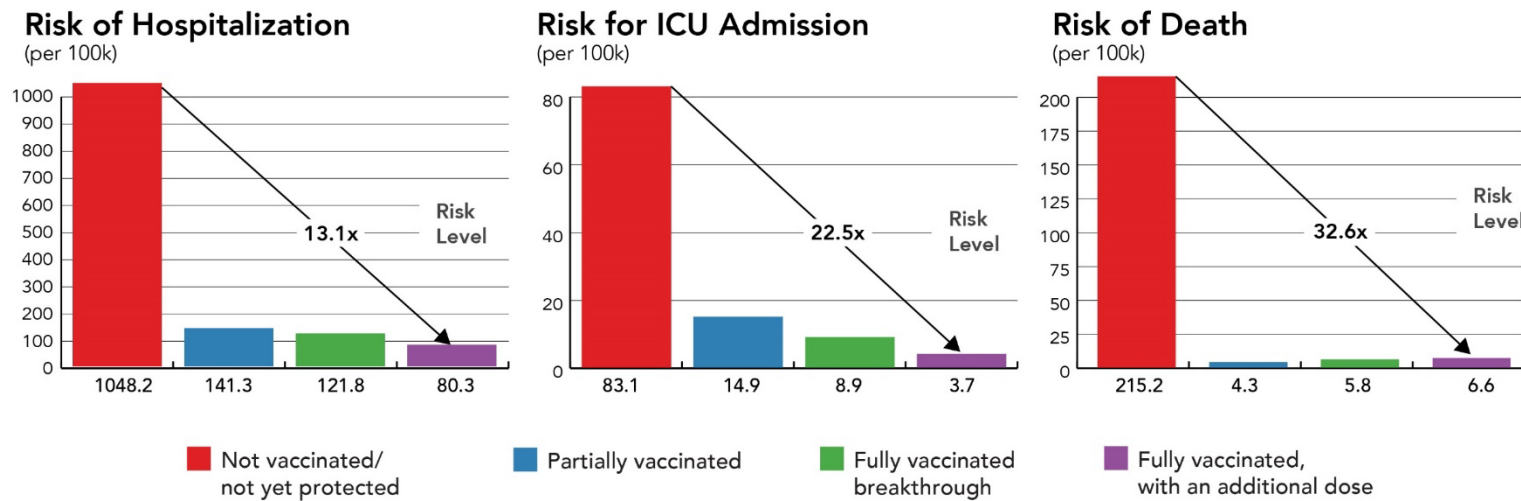


## Vaccination and Severe Outcomes: Fully Immunized



Looking at data from March 28 to May 9, after adjusting for age differences, unvaccinated people are at nearly **9 times greater risk of hospitalization**, more than **9 times greater risk for ICU admission** and at **37 times greater risk of death** from COVID-19 than fully vaccinated individuals.

## Vaccination and Severe Outcomes: After a Booster Dose



Looking at data from March 28 to May 9, after adjusting for age differences, unvaccinated people are at more than **13 times greater risk of hospitalization**, more than **22 times greater risk for ICU admission** and more than **32 times greater risk of death** from COVID-19 than people who have had a booster dose.



The background features several stylized virus particles of varying sizes, each with a circular body and several protruding spikes. One large virus particle is on the left, with the text overlaid on it. Other smaller particles are scattered in the upper and right portions of the frame.

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