

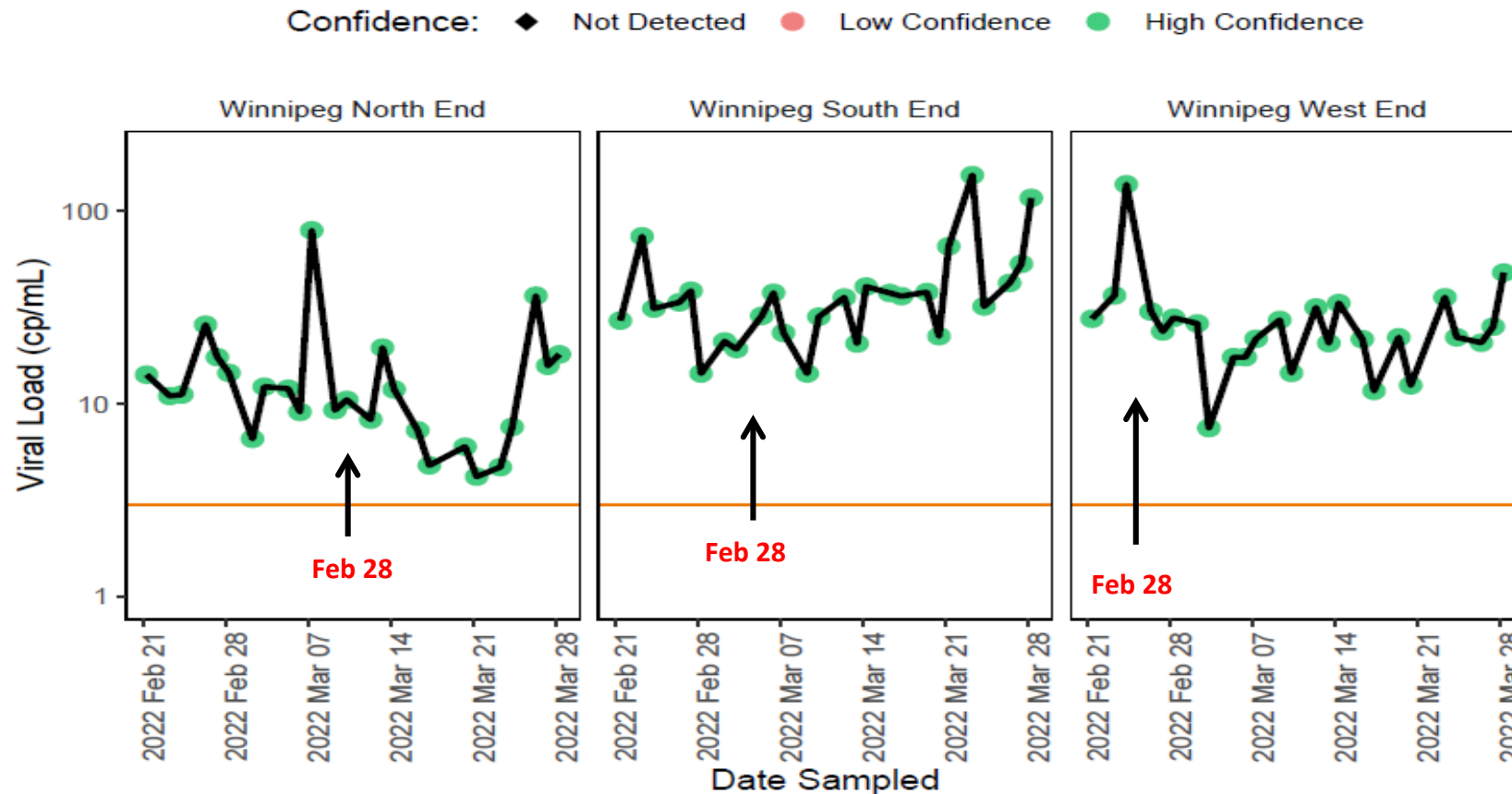
COVID-19

NOVEL CORONAVIRUS

Dr. Brent Roussin, CPPHO

Manitoba 

Wastewater surveillance suggests transmission is trending upwards



COVID-19

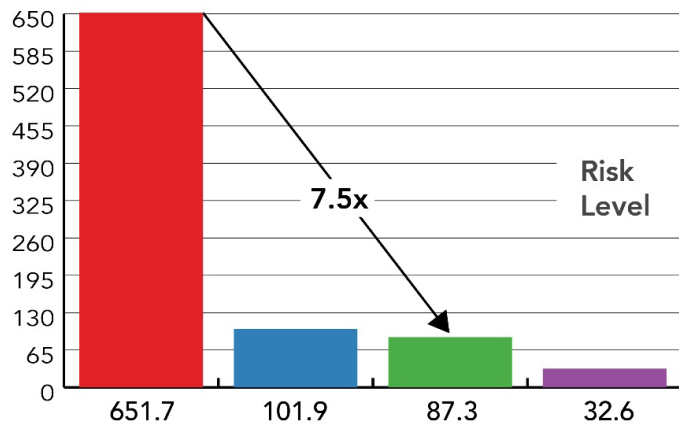
NOVEL CORONAVIRUS

Dr. Brent Roussin, CPPHO

Manitoba 

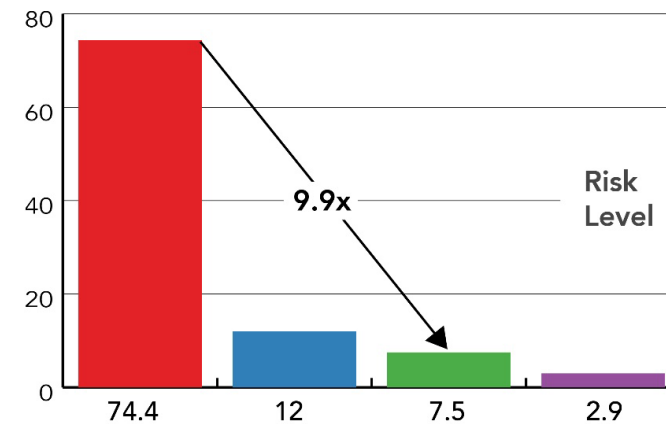
Vaccination and Severe Outcomes: Fully Immunized

Risk of Hospitalization
(per 100k)



■ Not vaccinated/
not yet protected

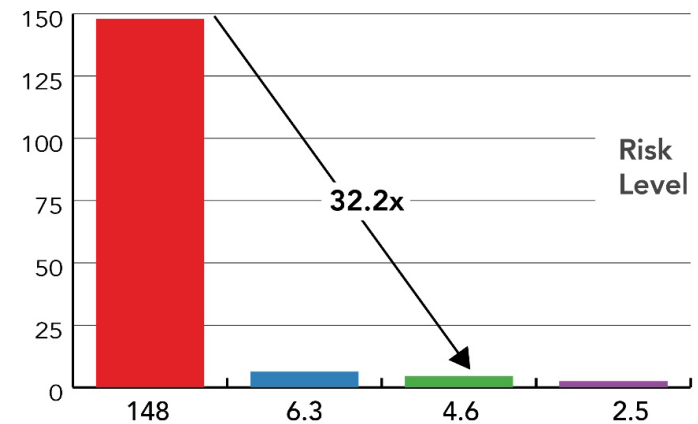
Risk for ICU Admission
(per 100k)



■ Partially vaccinated

■ Fully vaccinated
breakthrough

Risk of Death
(per 100k)



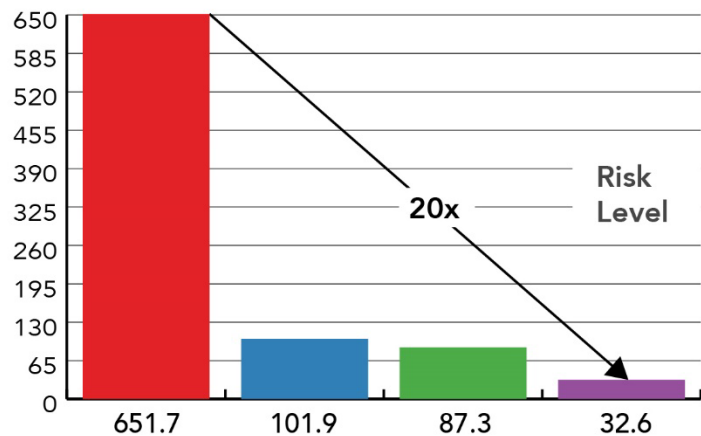
■ Fully vaccinated,
with an additional dose

Looking at data from February 14 – March 28, 2022, after adjusting for age differences, non-fully vaccinated individuals are at 7.5 times greater risk of hospitalization, 9.9 times greater risk for ICU admission and at 32.2 times greater risk of death from COVID-19 than fully vaccinated individuals.

Vaccination and Severe Outcomes: Three Doses

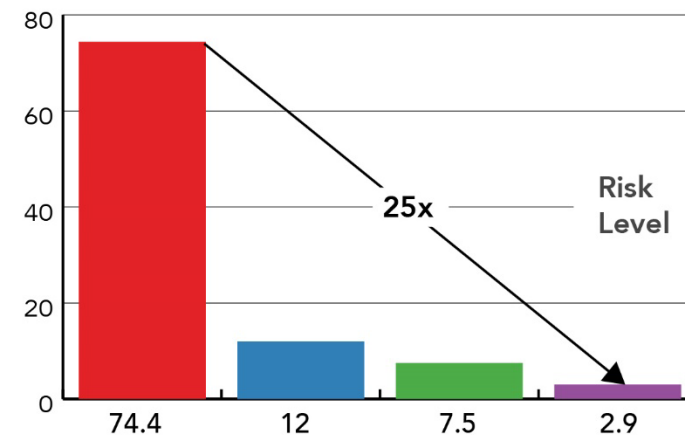
Risk of Hospitalization

(per 100k)



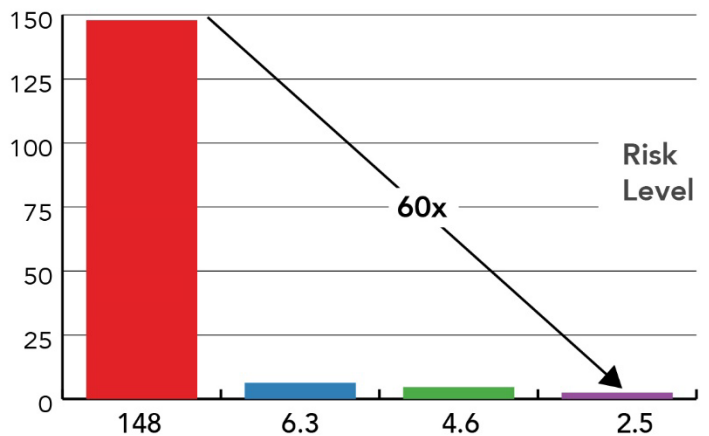
Risk for ICU Admission

(per 100k)



Risk of Death

(per 100k)



Not vaccinated/
not yet protected

Partially vaccinated

Fully vaccinated
breakthrough

Fully vaccinated,
with an additional dose

Over the same time frame, non-fully vaccinated individuals are at 20 times greater risk of hospitalization, 25 times greater risk for ICU admission and at nearly 60 times greater risk of death as compared to people who have three doses.

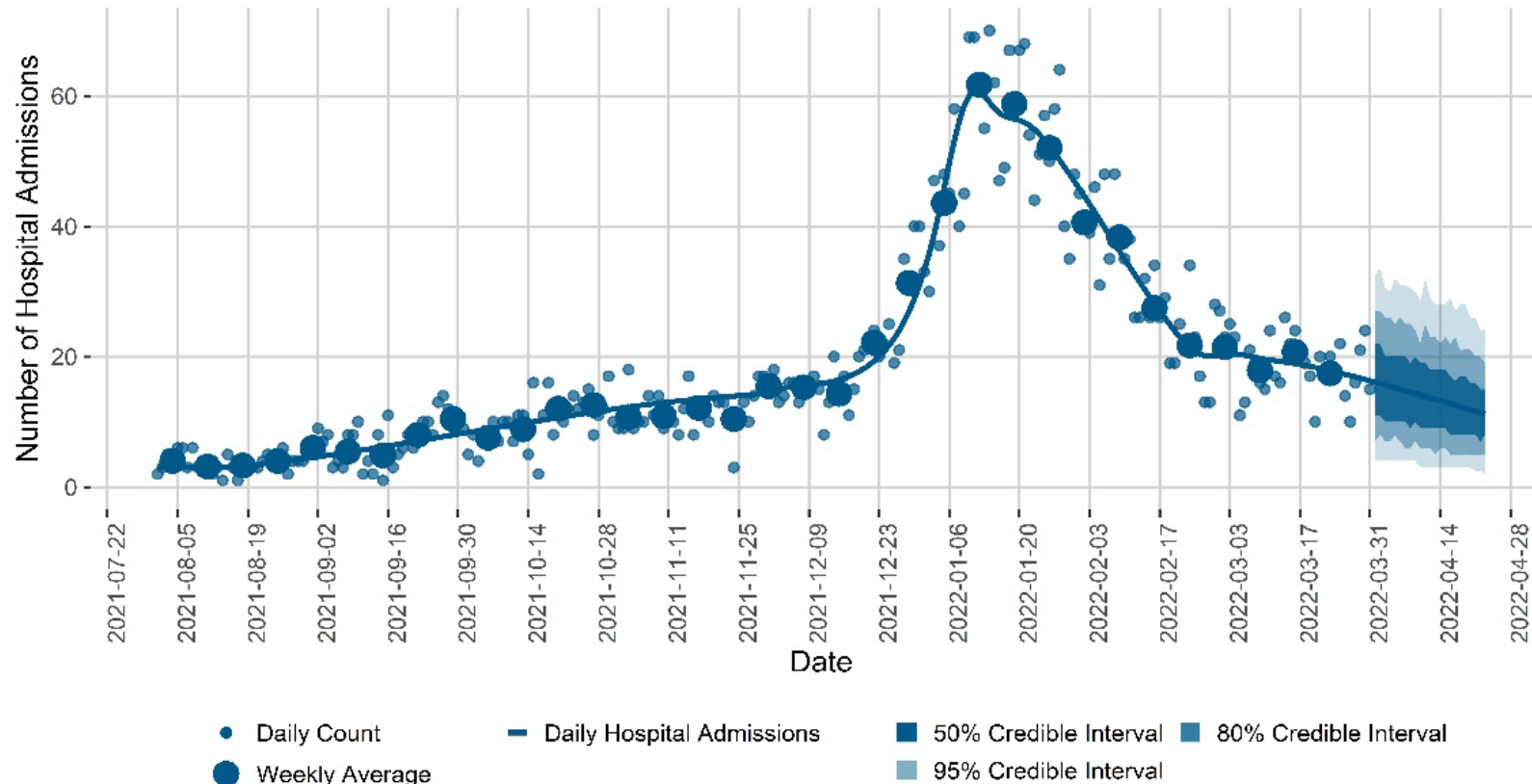
COVID-19

NOVEL CORONAVIRUS

Dr. Brent Roussin, CPPHO

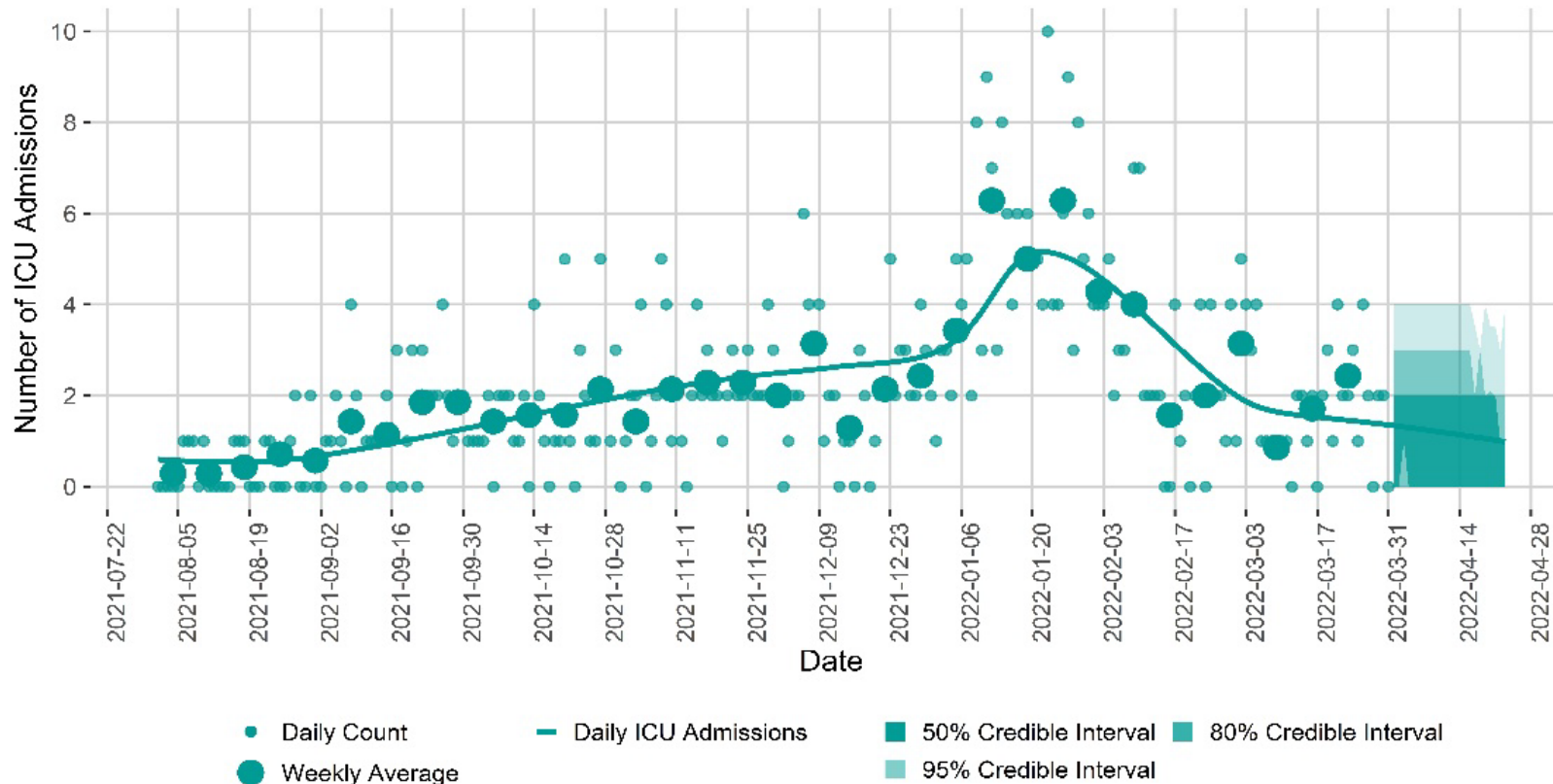
Manitoba 

Modelling on COVID Hospital Admissions



Manitoba is on a flattened trajectory for hospital admissions and has passed the peak in hospital occupancy.

Modelling on COVID ICU Admissions



Manitoba is past the peak of the Omicron curve.

ICU admissions tend to peak after hospital admissions

Data Updated: 2022-04-01

COVID-19

NOVEL CORONAVIRUS

Dr. Brent Roussin, CPPHO

Manitoba 