## COVID-19 Novel coronavirus

Dr. Brent Roussin chief provincial public health officer

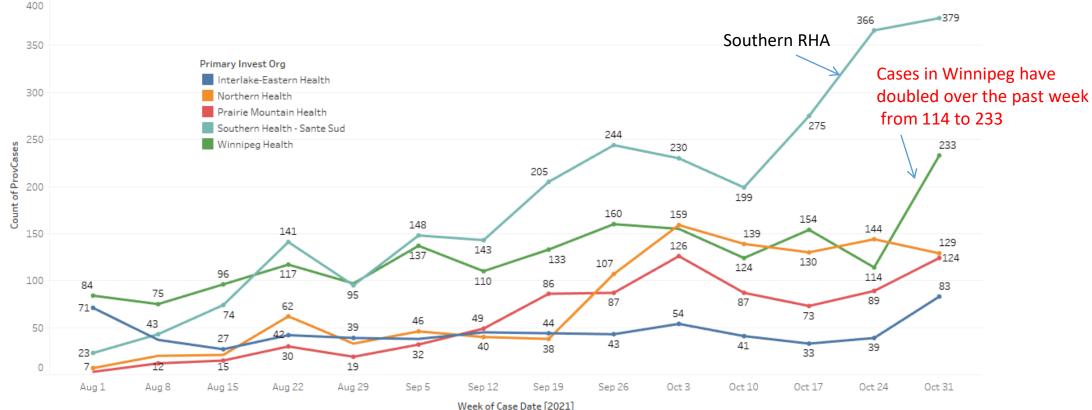




# CURRENT STATE



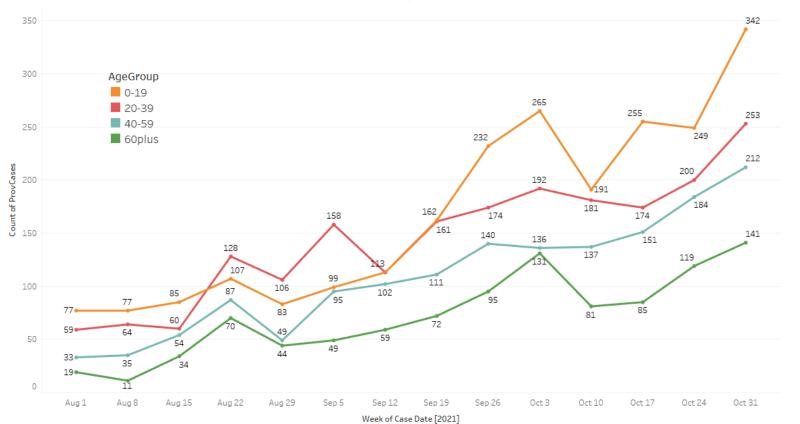
#### COVID-19 Cases have been increasing steadily over the past 4 weeks, initially driven by increases in Southern, but now also by increases in all RHAs except Northern. COVID19 Case Counts by Epi Week



Case counts are by EpiWeek, 7 day surveillance periods that extend from Sunday to Saturday. Dates listed on the chart above refer to the first day of the epiweek (e.g. Oct. 31 refers to the Epiweek 44, a period extending from Sunday Oct. 31 to Sat. Nov. 6).



### Cases are increasing the most quickly in 0-19 year olds



COVID19 Case Counts by Age Group by Epi Week

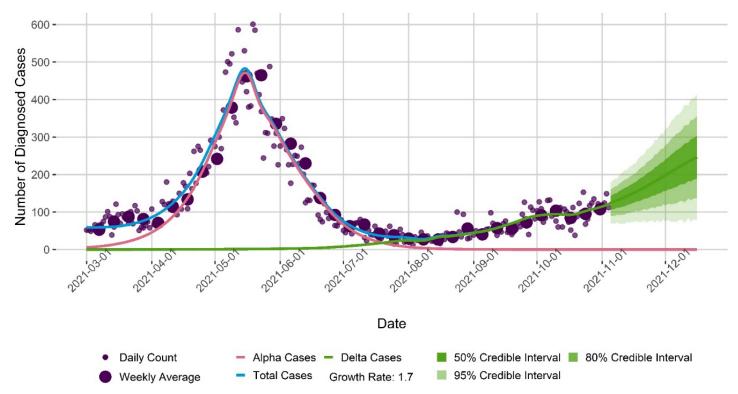
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## COVID-19 MODELLING



#### **COVID** Diagnosed Cases, Manitoba – 6 weeks out



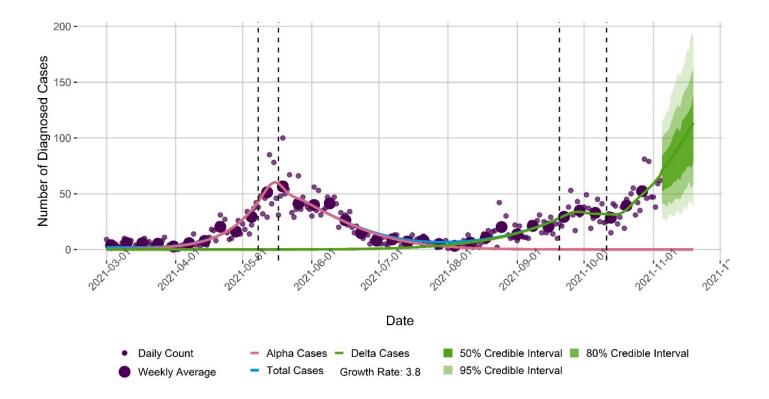
Over the month of October, cases in Manitoba appeared to have flattened. However, case trajectories during the last weeks signal that case totals may be increasing over time, driven by increasing transmission in Southern Health.

If the trend in Southern Health persists, total Manitoba cases are expected to increase over the next 6 weeks. <u>However, more data is</u> <u>needed to be certain of this trend.</u>

\*Large dots represent weekly averages, small dots represent daily counts.



#### **COVID Diagnosed Cases, Southern Health-Santé Sud – 2 weeks out**



Over the month of October, cases in Southern Health appeared to have flattened. However, case trajectories during the last weeks signal that case totals may be increasing, resulting in growth in the overall Manitoba case numbers.

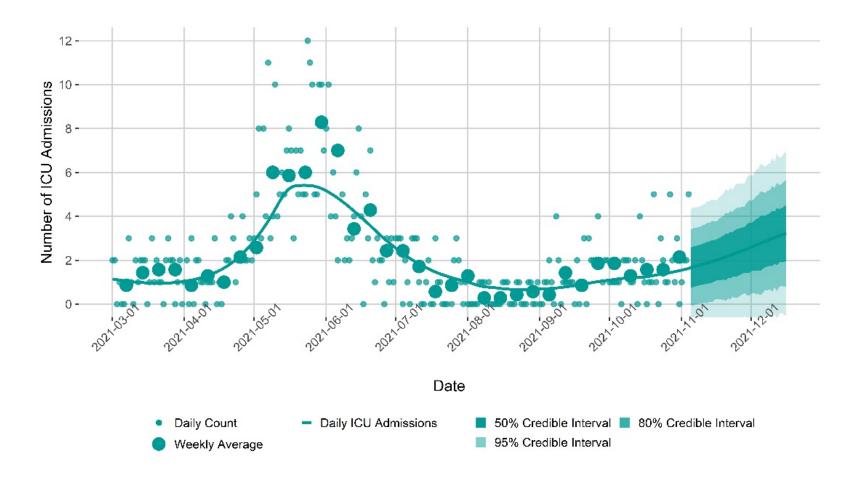
If the trend in Southern Health persists, cases are expected to increase over the next 6 weeks. <u>However, more data is needed to be</u> <u>certain of this trend.</u>

\*Large dots represent weekly averages, small dots represent daily counts.

\*\*Two week predictions are shown because of the uncertainty surrounding future trends in Southern Health.



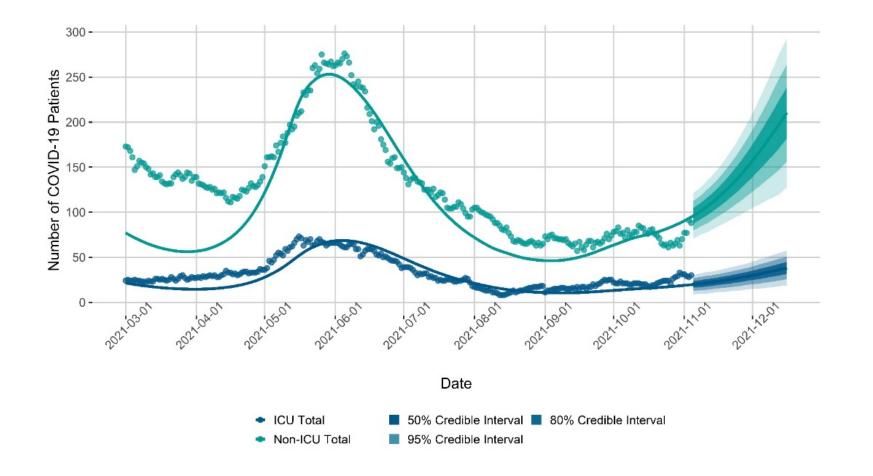
#### **ICU Admissions and ICU occupancy**



If transmission in Southern Health continues on an upward trajectory, hospitalization and ICU incidence and prevalence in the province is expected to increase over the next 6 weeks.



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