



Barneveld School District

Regular Board Meeting
November 11, 2020

Barneveld School District
*"...a community striving towards
excellence in education."*

Iowa County Numbers and Metrics

[School Guidance Dashboard](#)

11/6/2020 - Total Positive Cases 685

11/9/2020 - Total Positive cases 758 (+73 over the weekend) - This prompted the county to provide new guidelines

[Updated Daily](#)

11/11/20 - Total Positive cases 848

Barneveld Current Numbers: Total numbers would bring us to (if still in person) as of 4pm today- Wednesday 6 total cohorts closed. 2 positive staff members, 6 staff members out as close contacts-within and outside of school. 4 positive students. 11 students out as close contacts due to family members tested positive

Forecasting Model

What is a forecasting model and why are we using it?

Forecasting is a technique that uses historical data as inputs to make informed estimates that are predictive in determining the direction of future trends.

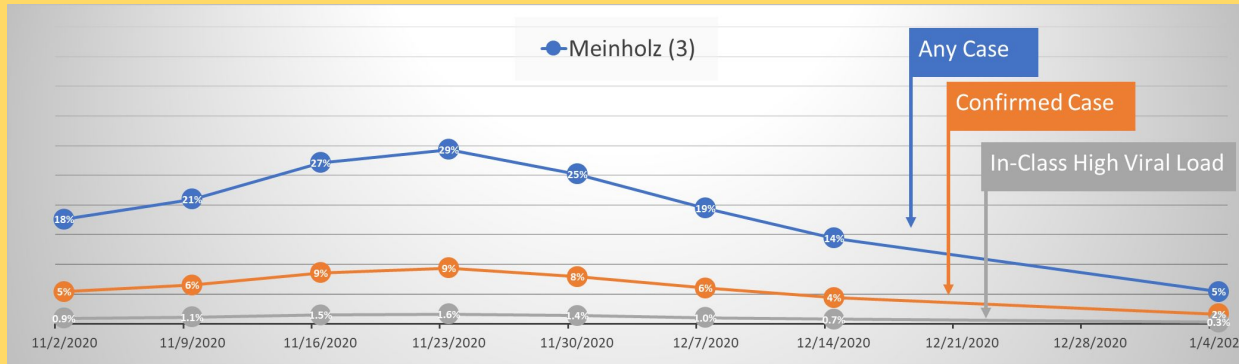
Reactive vs. Proactive: Where would we rather be

Regenerate, LLC

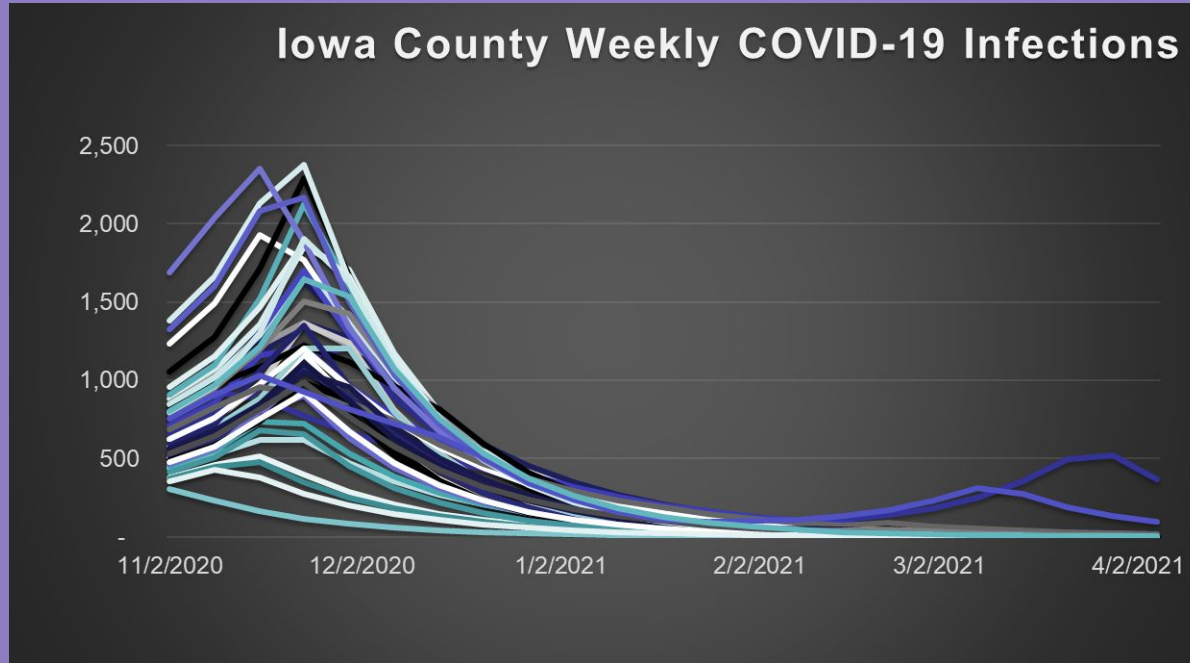
Forecasting tool and projections.

Objective of the Tool

Improve transparency and provide forecasting for Barneveld teachers and staff for the remainder of the school year.

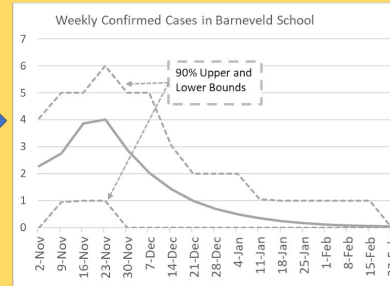
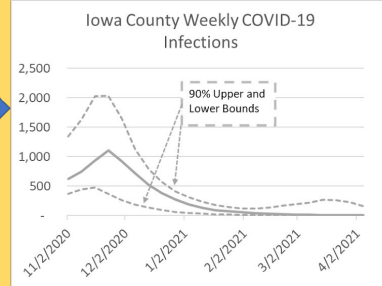
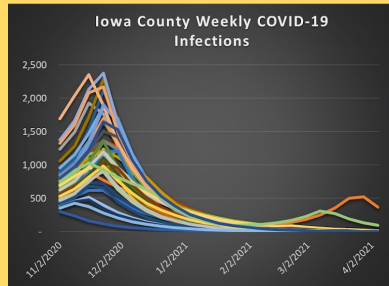


Iowa County – Weekly COVID-19 Infections (Projection)



Projection of infections in no way constitutes a policy recommendation.

Barneveld School – Confirmed Cases Forecast



Spaghetti
Simulation

(Monte Carlo)

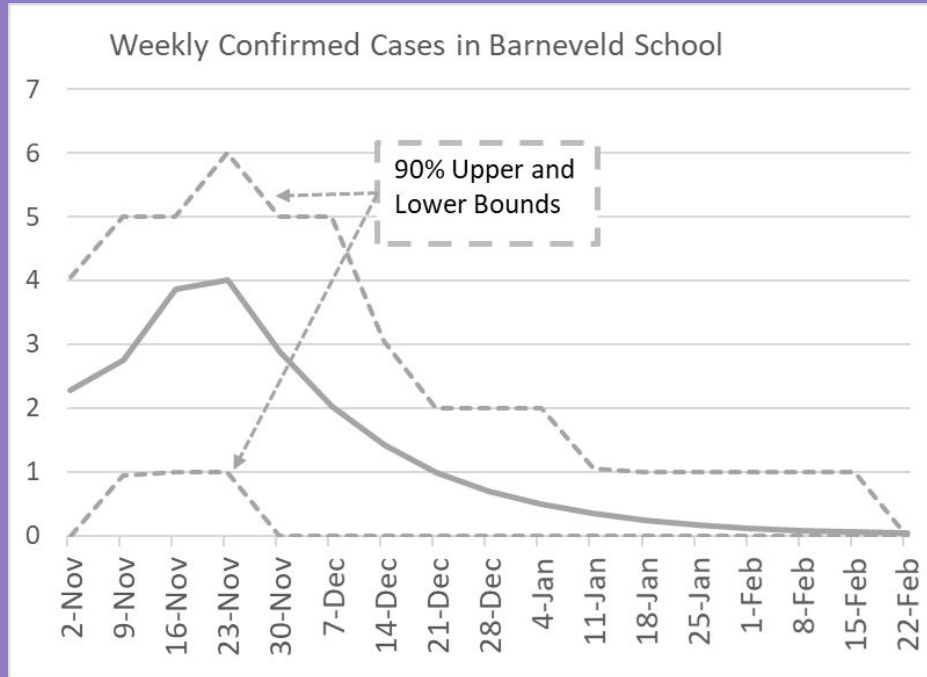
- Projections in no way constitute policy recommendations.

90% Confidence
Interval, County

90% Confidence
Interval, School

- A model is only as good as its logic and inputs. All models are wrong – some are more useful and more accurate than others. We recommend probabilistic thinking in highly uncertain and consequential circumstances like this.

Barneveld School – Confirmed Cases Forecast



- Solid gray line is best estimate
- Should be at or between the 90% bounds 9 weeks out of 10.
- Peak week is forecast to be the week before or the week of Thanksgiving
- Second Semester looks better!

When will it get better?

When the trend data shows a decrease for two consecutive weeks

Establish a transition plan to a safe and responsible return to school utilizing data so that we can make an informed decision

We will continue to work with Iowa County and Regenerate, LLC

Impact on Students

Pedagogically: Instructional methods used will be a challenge, but we learned a great deal from our experiences in the spring.

Academically: We know students are already behind (not all), but we are making progress.

Social-Emotional: This has been hard on everyone and the social-emotional well being of our students should be a top priority.

Remote Learning: What can be done at home to assist with SEL?

Closing Thoughts

We all want students to be attending in-person

The trend data is projected to get much worse over the next 3-4 weeks

Holiday considerations

Importance of Positivity - Affectivity

Exemplars

#BeBarneveld