

Week of October 29-November 5, 2020

A. The trend of Covid-19 (COVID) cases or positive tests, hospitalizations due to COVID; and the number of deaths resulting from COVID in the past 14-day period.

1. Last week 313 new COVID-19 cases were detected. This week 450 New COVID-19 case were detected.
2. Over the last week, Berrien County has seen an average of 64.3 new cases per day.
3. Currently there are 32 people in the hospital who have tested positive for COVID-19 and our hospital system is under strain and has opened an additional wing
4. There have been several deaths over the past few weeks from an outbreak in a Skilled Nursing Facility.

B. COVID cases for each day for every 1 million people.

1. This past week Berrien's average new case rate is calculated to be 41.7 cases per 100,000 residents or 417.4 Cases per 1 million residents.

C. The percentage of positive COVID tests over a four-week period.

1. 7 day % positivity = 10.6%
2. 14 day % positivity = 9.2%
3. 28 day % positivity = 7.7%

D. Health care capacity strength.

1. Test turnaround times are starting to get a little bit longer due to increased demand, but resources are available for testing. PPE is in supply, and the health system is monitoring and forecasting trends to be prepared for increases in census.

E. Testing, tracing and containment infrastructure with regard to COVID.

1. Public health is beginning to prioritize certain cases for investigation and others for notification. Not all contacts will be notified of their exposure by the Berrien County Health Department. Follow up for cases and contacts is taking roughly 48-72 hours.
2. Case investigators have been working closely with schools and parents to mitigate the risk of COVID-19 in school populations through contact tracing.
3. There have been relatively few positive cases in school students or staff. Of persons being excluded from schools the vast majority have had close contact to a positive person outside of school. Our data is showing that isolation of this individual and quarantine of their close contacts is protecting schools.

F. Schools

1. As of 11/6, there have been 121 COVID-19 cases associated with students or staff and only three instances where COVID-19 may have been spread in the school setting. Of the roughly

25,000 students and teachers in Berrien schools, 1449 have been recommended for isolation or quarantine; 160 staff and 1312 students.

2. As of 11/6, there are 25 cases in isolation 434 people in quarantine.