

Key Data and Trends for the week of December 4, 2020

Data for the time period of 12/04/2020 to 12/10/2020 can be found below.

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 860 new COVID-19 cases were detected. This week 772 New COVID-19 case were detected.
2. Over the last week, Berrien County has seen an average of 110 new cases per day.
3. As of 9am on Friday 12/11 there are 66 people, 6 are in Critical Care in the hospital who have tested positive for COVID-19 and our hospital system is handling the high volume.
4. There have been a many deaths over the past week from several outbreaks in a Long term care facilities and sporadic deaths in chronically ill individuals. Average age of death is 80 years, all deaths have had multiple comorbidities.

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 71.6 cases per 100,000 residents or 716.1 Cases per 1 million residents.

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

1. 7 day % positivity = 16.5%
2. 14 day % positivity = 17.9%
3. 28 day % positivity = 18.6%

D. Health care capacity strength.

1. Test turnaround time is good, but testing supplies are becoming more difficult to procure for our major testing centers in Berrien County. PPE is in adequate supply. Hospital and skilled nursing home (SNF) rooms are limited. Staffing is also a large limitations in both hospitals and SNFs.

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

1. Public health continues notification and shortened case investigation for all residents who are confirmed positive with COVID-19. Contact tracing is being conducted for people at higher risk of transmission, those in congregate settings, and those at risk of severe symptoms due to a COVID-19 infection. Follow up is taking roughly 24 hours from when test results are received by the health department.
2. Public health responders have been working closely with schools and parents to mitigate the risk of COVID-19 in school populations through contact tracing.
3. Anyone who suspects that they may have COVID-19 needs to self-isolate and seek a COVID test. Avoid close contact with others, especially those who have underlying health conditions.
4. Anyone who believes they have been in close contact with a COVID-19 case during the infectious period should self-quarantine for at least 10 days from the date of potential exposure. If testing is sought, it needs to be at least 5 days after the exposure to be meaningful.

5. **Schools**

1. The Berrien County Health Department remains committed to keeping an option for face-to-face instruction available in Berrien County schools in a safe manner.
2. As of 12/11, there have been 497 COVID-19 confirmed cases associated with students or staff and 12 instances where COVID-19 may have been spread in the school setting. Of the roughly 25,000 students and teachers in Berrien schools, 3892 recommendations for isolation or quarantine; 420 staff and 3396 students, have been made. The vast major of recommendations for isolation and quarantine are a result of community-based exposures, not school-based exposures.
3. Currently there are 48 cases in isolation 338 people in quarantine.
4. Currently there are 5 active outbreaks associated with schools all of which involve under 3 positive people per potential outbreak.