

Key data and trends from 11/13/2020 to 11/19/2020 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 764 new COVID-19 cases were detected. This week 1107 New COVID-19 case were detected. The number of confirmed cases per day is doubling every 10-14 days and has been since October 5.
2. Over the last week, Berrien County has seen an average of 158 new cases per day.
3. As of 8am on Friday there are 59 people, 3 are in Critical Care in the hospital who have tested positive for COVID-19 and our hospital system is under strain.
4. There have been a few deaths over the past week from an outbreak in a Skilled Nursing Facility and sporadic deaths in chronically ill individuals.

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 102.7 cases per 100,000 residents or 1027 Cases per 1 million residents.

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

1. 7 day % positivity = 21.6%
2. 14 day % positivity = 19.6%
3. 28 day % positivity = 14.5%

D. Health care capacity strength.

1. Tests are taking several days, a week in some areas. Spectrum Health has moved to testing only symptomatic individuals. PPE supplies are decreasing as it is becoming more difficult to procure.

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

1. Public health continues case notification and limited investigation for all residents who are confirmed positive or identified as a probable case. Follow up is taking roughly 72 hours from when we are given the test results.
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. Schools have done a phenomenal job taking on the task of notifying school-based contacts, and we are grateful for their committed partnership.
3. Case investigators have adjusted their workflow to maintain meaningful contact tracing. Persons with a higher risk for severe symptoms caused by COVID-19 or living in a congregate setting are being prioritized.

F. Schools

1. As of 11/13, there have been 243 COVID-19 cases associated with students or staff and only a handful of instances where COVID-19 a school setting was the likely source of transmission. Of the roughly 25,000 students and teachers in Berrien schools, 1953 have been recommended for isolation or quarantine; 283 staff and 2306 students.
2. Currently there are 25 cases in isolation 378 people in quarantine.