

Key Data and Trends for 10/23-10/29:

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 249 new COVID-19 cases were detected. This week 311 New COVID-19 case were detected.

- Back in June of 2020 we had received 104 new case over the entire month
- Thus far in October we have received 916 new cases. The length of time between initial case report and notification of all contacts is closer to 24 hours as opposed to same-day notification.

2. Over the last week, Berrien County has seen an average of 40 new cases per day or 258 cases per 1 million residents.

3. Currently there are 31 people in the hospital who have tested positive for COVID-19 and our hospital system is taking additional actions to manage the high volume of patients. 5 patients are on the ICU.

4. There has been a few COVID-19 related deaths this past week. These individuals were considered high risk due to their chronic health conditions and comorbidities.

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

1. This past week our average new case rate is calculated to be 26 cases per 100,000 residents 258 Cases per 1 million residents.

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

1. 7 day % positivity = 7.6%
2. 14 day % positivity = 7.5%
3. 28 day % positivity = 6.0%

D. Health care capacity strength.

1. Test turnaround times are quick, resources are available for testing, PPE is in supply, hospital census continues to grow.

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

1. Public health continues case investigation for all residents who are confirmed positive or identified as a probable case. Contact tracing continues for all person with exposure to a person known to have COVID-19.
2. If someone believe they have had contact with a confirmed case of COVID-19 they should quarantine for 14 days from the day they were exposed.
3. Public health continues to work with cases, contacts, and other stakeholders, particularly in high risk settings to lower the risk of ongoing transmission.
4. Relative to the number of new cases in Michigan and Berrien County, there have been very few positive cases in school students or staff; the majority of spread is happening outside of school.

F. Schools

1. Maintaining conditions for in-person education in schools continues to be a high priority for the Health Department.
2. As of 10/29, there have been 85 positive COVID-19 cases associated with students or staff and only one instance where COVID-19 seems likely to have been spread in the school setting. Of the roughly 25,000 students and teachers in Berrien schools, 864 have had to isolate or quarantine; 118 staff and 746 students.
3. As of 10/29, there are 13 cases in isolation and 283 people in quarantine.