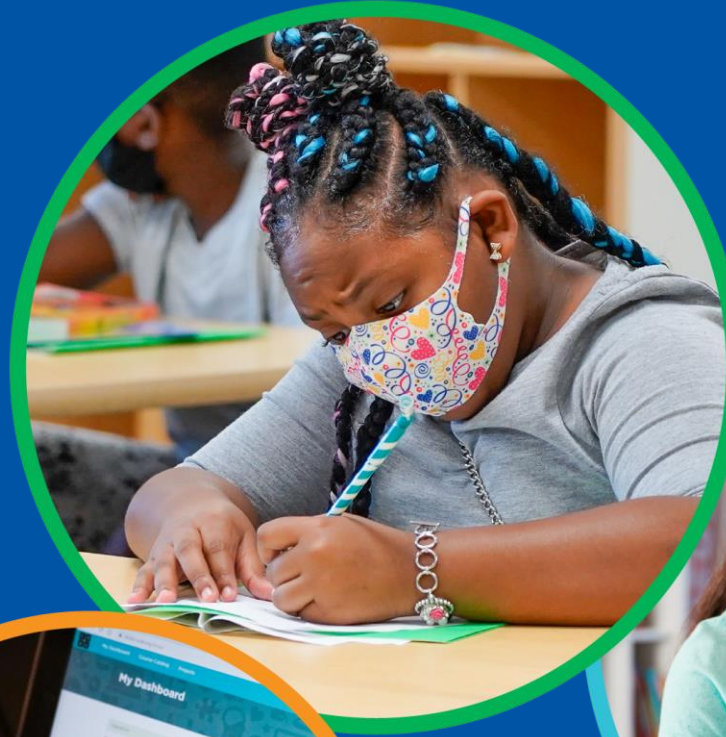


# Community Health Data

BACKPACKS ON  
LAPTOPS OPEN  
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PREPARING STUDENTS  
**FOR LIFE**

**Sarah  
Trimble-Oliver**

Chief Strategy  
Officer





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**Dr. Robert Kahn**

Cincinnati  
Children's  
Hospital Medical  
Center



# COVID Measures to Inform School Planning

- The measures are offered as a tool to assist school leaders as they consider choices about on-site, hybrid, and remote learning models for their student populations.
- The following measures are early indicators to assist in real-time decision making about remote, hybrid, and in-person learning.
  - School Measures:
    - Number of school cases & quarantines among staff and students
      - Monitor closely for evidence of in-school transmission
    - Assess adequacy of staffing levels for safe and effective operations
    - Consistent adherence to protective bundle measures
  - Community Measures:
    - Rate of new COVID cases in the community & direction of trend
    - Community Performance Indicators to demonstrate how community systems are coping
- The existing **Ohio Public Health Advisory System** contains valuable community metrics, and schools may also use this to guide decisions. In addition, OPHAS may be used to guide government decisions or mandates around schools. But several indicators (outpatient visits, ED visits, hospital admissions, ICU occupancy) lag days or weeks behind new infections. The suggested measures above focus on current school state and incident infection as real-time indicators.

# CPS COVID-19 Confirmed Staff and Student Cases

|                                                   | Since May 2020             |
|---------------------------------------------------|----------------------------|
| <b>Confirmed Student Cases</b><br>Students Tested | <b>305</b><br><b>1,015</b> |
| <b>Confirmed Staff Cases</b>                      | <b>472</b>                 |
| <b>Detected In-School Transmissions</b>           | <b>6</b>                   |

Health officials stress the importance of protection protocols in schools, including measuring the implementation of reliable protocols, maintaining protocols consistently over time, and measuring daily cases and quarantines in schools. Before September 2020, this data was not readily available for our region. However as charter, non-public, and public schools began opening for in-person learning in Hamilton County, and Ohio Department of Health created a reporting system for school COVID-19 cases, this data is now readily available to measure the amount of COVID-19 spread in schools. Early evidence is that there is little to no spread within schools in our region however, health officials are working on a system to better utilize the new data from schools that have re-opened in person.



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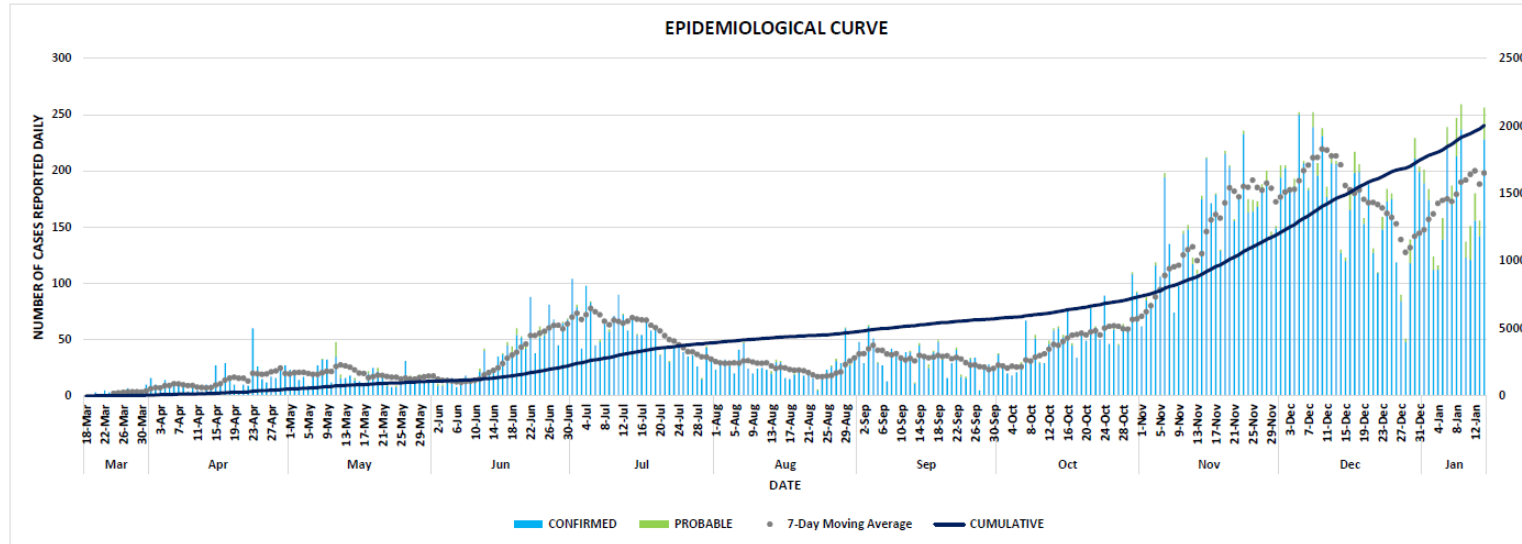
**Dr. Maryse  
Amin**

Cincinnati  
Health Department



# Community Trends

## City of Cincinnati Daily New Cases as of January 14, 2021



UPDATED 1/14/2021 9:30am

DATA SHOWN FOR TODAY REFLECTS PAST 24 HOURS

\*DATA IS PROVISIONAL CONTINGENT UPON COMPLETION OF CONTACT TRACING AND CONFIRMATION OF JURISDICTIONAL RESIDENCE

\*\*IN ACCORDANCE WITH THE NEW CDC GUIDELINES, THE CDC EXPANDED (PROBABLE) CASE DEFINITION IS INCLUDED IN THIS REPORT. SEE: <https://www.cdc.gov/coronavirus/2019-ncov/covid-data/faq-surveillance.html>

\*\*\*NUMBER OF INDIVIDUALS ACTIVELY MONITORED IS AN ESTIMATE, SUBJECT TO CHANGE

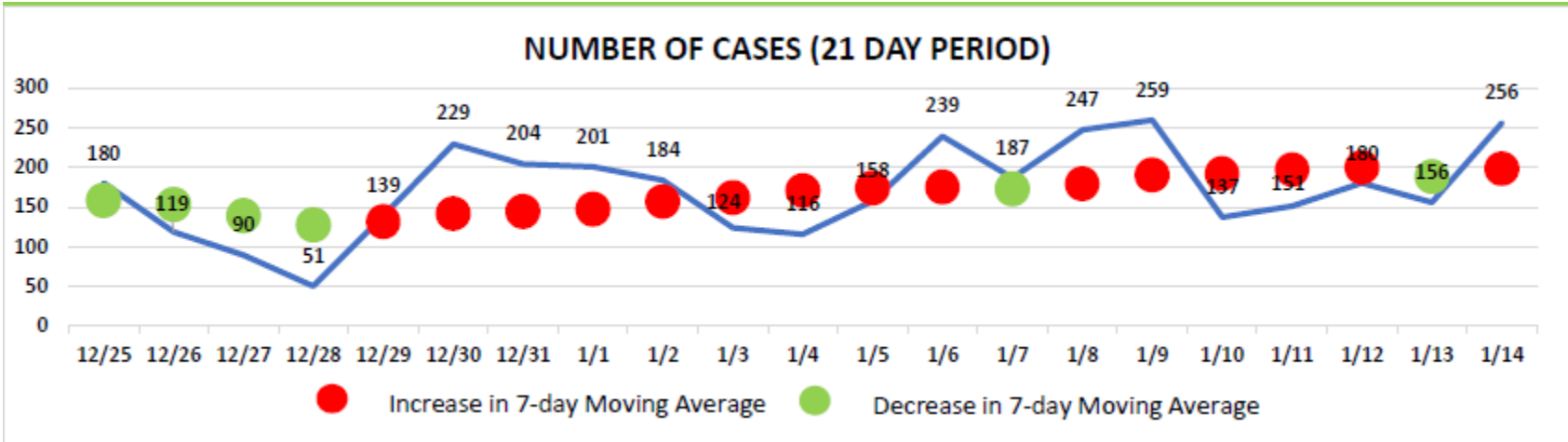
STATE DATA SOURCE: OHIO DISEASE REPORTING SYSTEM (ODRS)



The City of Cincinnati Epidemiological Curve shows the cumulative number of new cases (dark blue line), the daily number of new COVID-19 cases in the city (light blue column), and the 7-Day moving average of daily new cases (gray dotted line). The 7-Day moving average demonstrates the level of virus in the community. Health officials recommend using the 7-Day moving average and the suggested thresholds from the Harvard Global Health Institute based on Daily New Cases per 100,000 individuals. See further explanation of these thresholds at: [Source: The Health Collaborative — https://www.cincinnati-oh.gov/health/covid-19/covid-19-measures-to-inform-school-district-decisions/](https://www.cincinnati-oh.gov/health/covid-19/covid-19-measures-to-inform-school-district-decisions/)

# Community Trends

## Number of Cases as of January 14, 2021



65 Daily New Cases  
per 100,000

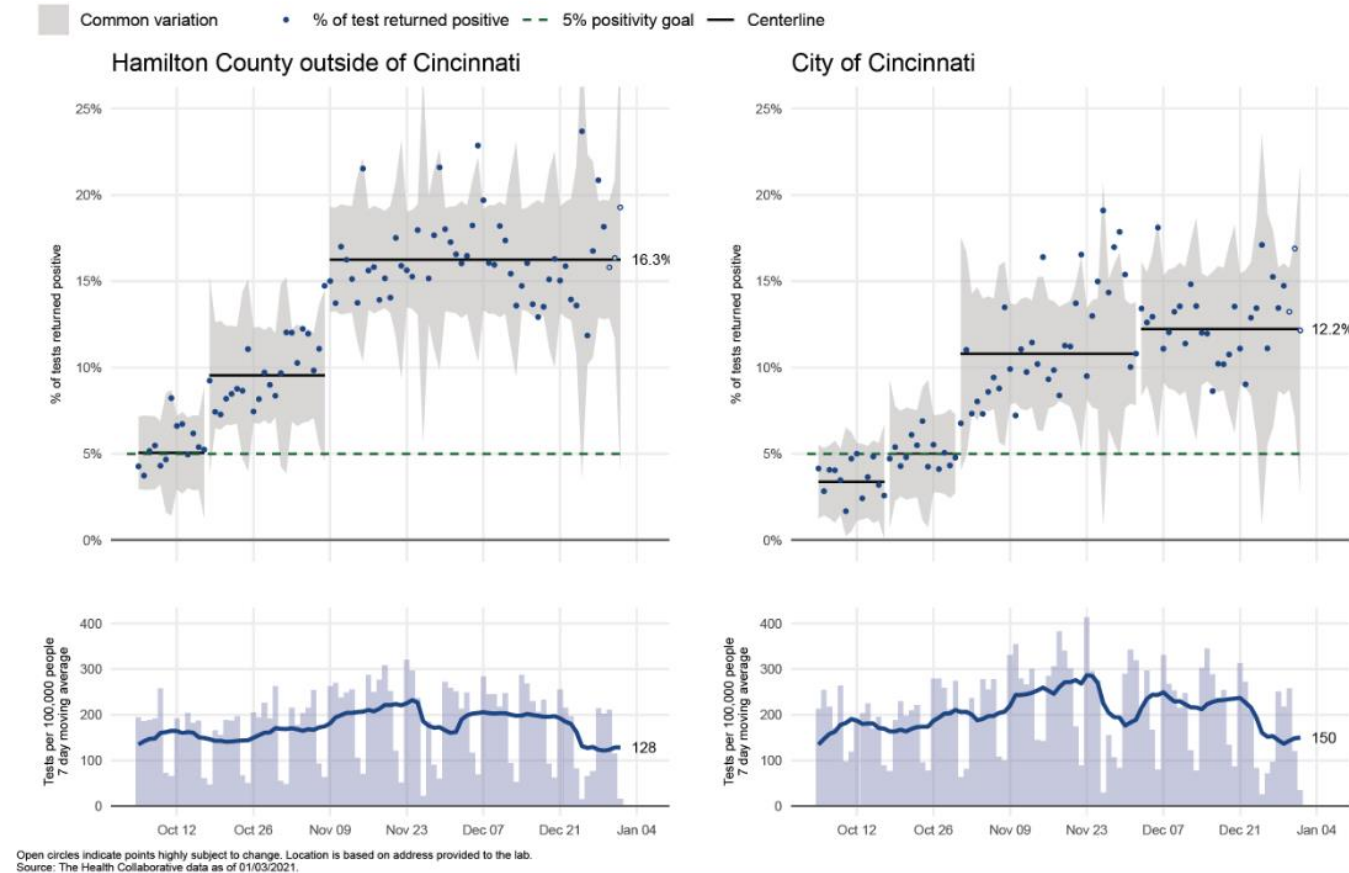
The City of Cincinnati Number of Cases in 14-Day Period shows the daily number of new cases (dark blue line) and the 7-Day moving average (red/green dots). The 7-Day moving average dot is red if the value increased from the prior day and green if it decreased from the prior day. Health officials recommend using the 7-Day moving average suggested thresholds from the Harvard Global Health Institute AND the 7-Day moving average 14-Day trends. See further explanation of these thresholds at: Source: The Health Collaborative — <https://www.cincinnati-oh.gov/health/covid-19/covid-19-measures-to-inform-school-district-decisions/>



# Community Trends

## Positivity Rate as of January 3, 2021

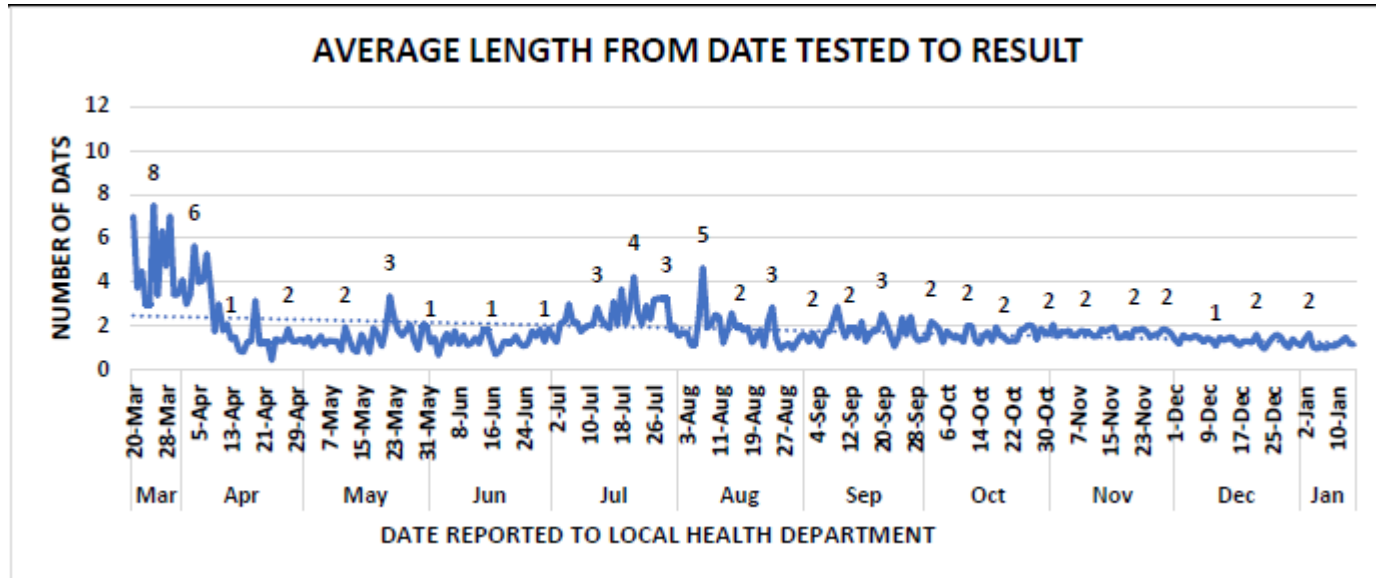
Positivity rate and tests per 100,000 people for Hamilton County and City of Cincinnati



The positivity rate is the percent of COVID-19 tests that are positive out of all the tests administered each day. The rate is shown for the City of Cincinnati on the right, and for the county outside of the City of Cincinnati on the left. Health officials recommend a positivity rate below 5%. Source: The Health Collaborative — <https://www.cincinnati-oh.gov/health/covid-19/covid-19-measures-to-inform-school-district-decisions/>

# Community Trends

## Average Length from Date Tested to Result as of January 14, 2021



The City of Cincinnati Average Length from Date Tested to Result measure shows the average number of days from test administered to test result reported to local health department for positive results. This measure indicates whether our testing and reporting system can adequately handle the demand and is important to identifying and isolating positive cases. Source: City of Cincinnati COVID-19 Dashboard

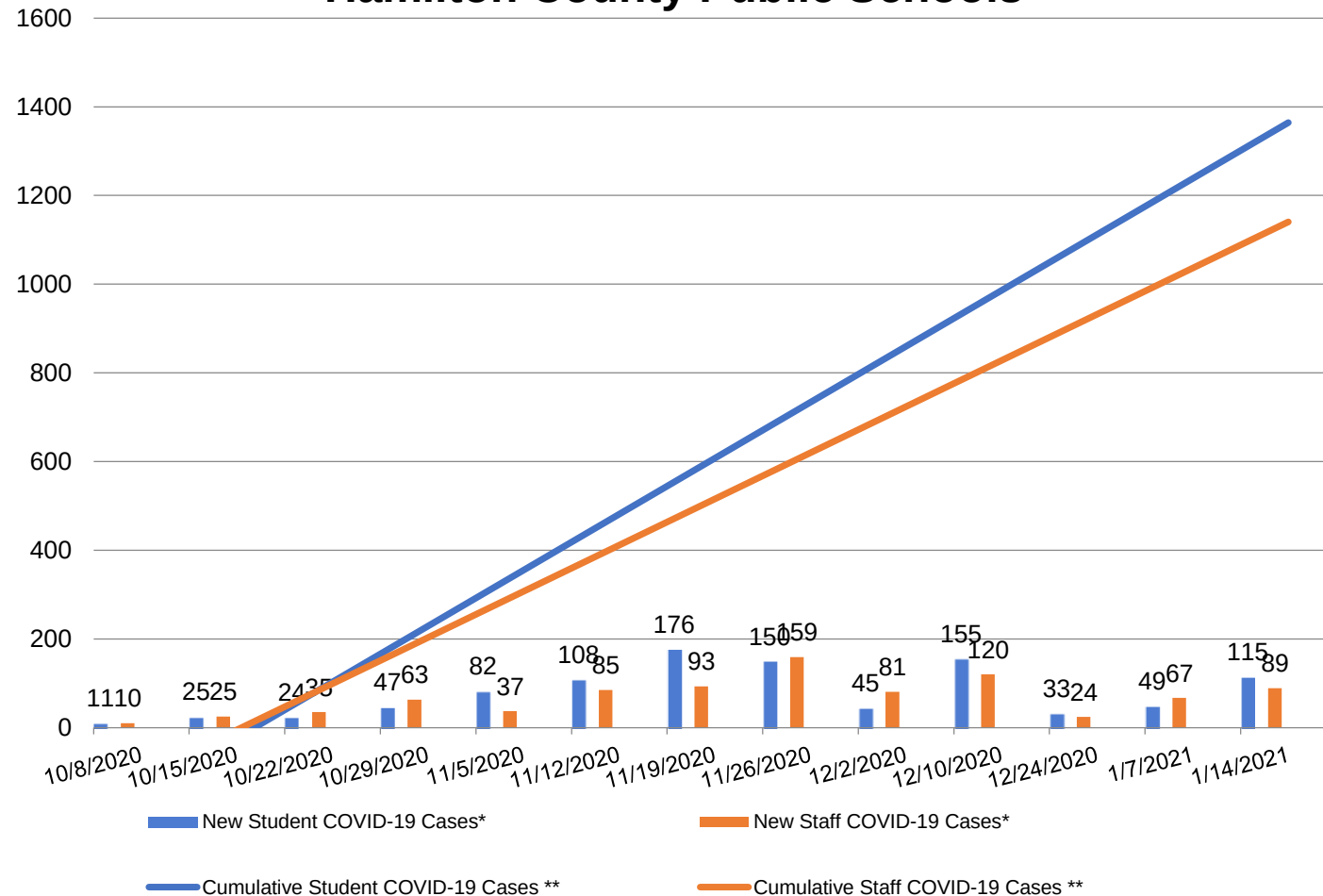
<https://www.cincinnati-oh.gov/covid19/interactive-map/>

# Community Trends

## Hamilton County School Districts as of January 14, 2020

|                                     | Public Schools | Charter Schools | Private Schools | Total   |
|-------------------------------------|----------------|-----------------|-----------------|---------|
| New Student COVID-19 Cases*         | 115            | 1               | 84              | 200     |
| New Staff COVID-19 Cases*           | 89             | 5               | 26              | 120     |
| Cumulative Student COVID-19 Cases** | 1475           | 84              | 901             | 2460    |
| Cumulative Staff COVID-19 Cases**   | 1221           | 73              | 354             | 1648    |
| Total number of students enrolled   | 114,225        | 6,963           | 34,838          | 156,026 |

## Hamilton County Public Schools



\*New cases are for the past one week. \*\*Cumulative cases beginning 9/7/20

Health officials stress the importance of protection protocols in schools, including measuring the implementation of reliable protocols, maintaining protocols consistently over time, and measuring daily cases and quarantines in schools. Before September 2020, this data was not readily available for our region. However as charter, non-public, and public schools began opening for in-person learning in Hamilton County, and Ohio Department of Health created a reporting system for school COVID-19 cases, this data is now readily available to measure the amount of COVID-19 spread in schools. Early evidence is that there is little to no spread within schools in our region however, health officials are working on a system to better utilize the new data from schools that have re-opened in person.

For more information about measuring protection protocols, see Source: Ohio Department of Health COVID-19 Dashboard for Schools: <https://coronavirus.ohio.gov/wps/portal/gov/covid-19/dashboards/schools-and-children/schools>

# K-12 ODH updated close contact guidance

- **Goal:**
  - To allow students and staff identified as close contacts to attend school unless symptomatic
- Close contact definition remains the same:
  - Less than 6 feet for 15 minutes cumulative in 24 hours
- Only if exposure in classroom or during transport, students and staff may remain in school if all protective measures are in place
  - Universal masking, social distancing, handwashing, management of those symptomatic and disinfecting protocols
  - May not attend extracurricular activities
- When outside of school setting, close contacts are to follow standard quarantine practices for 14-day quarantine

| School                  | Type    | Date Returned | Type of Instruction                                         |
|-------------------------|---------|---------------|-------------------------------------------------------------|
| Oak Hills               | Public  | 1/4/2021      | In person                                                   |
| Forest Hills            | Public  | 1/5/2021      | In person                                                   |
| Norwood                 | Public  | 1/4/2021      | Hybrid                                                      |
| Deer Park               | Public  | 1/11/2021     | In Person (Hybrid 1/4/21-1/8/21)                            |
| Reading                 | Public  | 1/19/2021     | In Person (Hybrid 1/4/21-1/15/21)                           |
| Northwest               | Public  | 1/11/2021     | In Person (Hybrid 1/4/21-1/8/21)                            |
| Winton Woods            | Public  | 1/11/2021     | Hybrid (Virtual 1/5/21-1/8/21)                              |
| Madeira                 | Public  | 1/4/2021      | In Person                                                   |
| Wyoming                 | Public  | 1/11/2021     | In Person (Hybrid 1/4/21-1/8/21)                            |
| Lakota                  | Public  | 1/19/2021     | In Person (Virtual 1/5/21- 1/11/21, Hybrid 1/12/21-1/15/21) |
| Mason                   | Public  | 1/11/2021     | In Person (Hybrid 1/4/21-1/8/21)                            |
| Princeton               | Public  | 1/11/2021     | Hybrid (Virtual 1/6/21-1/8/21)                              |
| Riverside Academy       | Charter | 1/4/2021      | In Person                                                   |
| Cincinnati College Prep | Charter | 1/11/2021     | In Person (Virtual 1/4/21-1/8/21)                           |
| Dohn High School        | Charter | 1/19/2021     | In Person (Virtual 1/5/21-1/15/21)                          |
| Elder                   | Private | 1/4/2021      | In Person                                                   |
| St. Michael             | Private | 1/11/2021     | In Person (Virtual 1/4/21-1/8/21)                           |
| St. Martin              | Private | 1/11/2021     | In Person (Virtual 1/4/21-1/8/21)                           |

# Ohio Schools COVID-19 Evaluation

- What was asked:
  - If a child in a supervised setting was in close contact (defined as within six feet for 15 minutes) to another child with COVID-19 and both children were wearing masks properly, did the close contact child need to stay at home to quarantine?
- What was found:
  - 2.9% (15/524) close contacts had a positive test
  - 2.9% (6/204) in the combined comparison group were positive. “The percentage of positive test results observed in the comparison groups was high.”
- What was concluded:
  - “We do not identify any differences in the groups that would imply a mandatory, at-home quarantine was necessary for students who were close contacts with appropriate mask usage. But we must re-emphasize that these results are preliminary.”

Questions to ask when full report is available:

- Was every close contact case included?
  - How many initial index cases were there and how many close contacts generated?
  - How many of those close contacts were tested?
  - Of those NOT tested, do we know if they had symptoms/COVID-19?
- Of the positive close contacts, were they from schools at >6 feet or 3-6 feet?
- What do we know about the spread of the new variant and impact on guidance?

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Visit **CPS-K12.ORG/NEWS/BACKTOSCHOOL**  
for more information.



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