Board Presentation
January 20, 2021

BACKPACKS ON
LAPTOPS OPEN
FUTURES BRIGHT!
Student-Centered Decision Making
Health and Safety
Community Engagement and Influence
Optimized Capabilities
Growth
Health and Safety
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.
Community Trends

City of Cincinnati Daily New Cases as of January 19, 2021

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//

BACKPACKS ON | LAPTOPS OPEN | FUTURES BRIGHT!
Community Trends

Number of Cases as of January 19, 2021

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 18, 2021

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/
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

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

*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.

Return to Blended Learning Timeline

• Students will follow the same A/B schedule as they did during fall blended learning
  • Specialized classrooms & PK will resume 4-days a week, also following fall schedules
• Monday continues to be distance learning for all students
• Due to staffing and technology constraints, a ”Remote from Current School” option is not able to be offered district-wide
  • Families who would like to remain in 5-day distance learning may enroll in the full distance option, Cincinnati Digital Academy
• Walnut Hills – return plan to be determined by the Board

Week of February 1
Grades PK-3 and Specialized Classrooms
Monday: All students distance
Tues-Friday: Specialized Classrooms & PK in-person
Tuesday/Wednesday: K-3 Group A in-person
Thursday/Friday: K-3 Group B in-person

Week of February 15
Grades 4-6 and 9-12 return
Why? Accelerate HS return; assist with graduation requirements
Monday: All students distance
Tuesday/Wednesday: 4-8 Group A in-person
Thursday/Friday: 4-8 Group B in-person

Week of March 1
Grades 7-8 return
Monday: All students distance
Tuesday/Wednesday: 9-12 Group A in-person
Thursday/Friday: 9-12 Group B in-person
Walnut Hills – 1/2/2 Model Not Possible with 6’ Distancing in Classrooms

Why? High Enrollment and small classrooms

- Walnut enrollment is 2,836
- Average class size 32
- Average classroom is 650 SF
Walnut Hills – 1/2/2 Model Is Possible with 3’ – 6’ Distancing in Classrooms

- 99% of classrooms will allow for 50% capacity at 3’ – 6’ distancing
Walnut Hills Option 1 – 5 days distance (stay in current model)
# Walnut Hills Option 2 – A/B/C/D

**One-day in person**

<table>
<thead>
<tr>
<th></th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Distance learning</td>
<td>In person</td>
<td>In person</td>
<td>In person</td>
<td>In person</td>
</tr>
<tr>
<td></td>
<td>Teacher-led instruction</td>
<td>1 day</td>
<td>1 day</td>
<td>1 day</td>
<td>1 day</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Distance</td>
<td>Distance</td>
<td>Distance</td>
<td>Distance</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 days</td>
<td>4 days</td>
<td>4 days</td>
<td>4 days</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 days teacher-led instruction (1 in person and 1 distance)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*6' Social Distancing*
Walnut Hills Option 3—A/B Blended, All Grades

3-feet Social Distancing

- Would put Walnut on same schedule as other schools in district
- 3-feet versus 6-feet social distance
- Those who prefer to stay in distance learning can enroll in CDA
  - Spots held at Walnut for next school year
Two Additional Options Shared in October

Choice of Blended or Distance for All Grades
Technology challenges and additional staffing required

Grades 7-12

- Those who choose Distance
  - Looks same as today
  - 5 days teacher-led instruction
- Those who choose Blended
  - Moves to districtwide A/B schedule
  - 3 days teacher-led instruction

Grades 7-9 A/B Blended
Grades 10-12 One Day in Person
Would have required 56 additional staff
Susan Bunte
Assistant Superintendent

COVID-19
Collaborative Testing Process
Our Team
Dr. Margaret Hall
PT, MEd, DPT
Director of Student Services
Where We Started
CPS
Collaborative Process Goal
Goal of the CPS Collaborative Process
July 2020 - Present

• Mobilize cross-systems collaboration, using quality improvement, to reduce in-school transmission and maintain safe and equitable access to high quality education.
<table>
<thead>
<tr>
<th>Core Leadership</th>
<th>Community Pediatric Protocols</th>
<th>Daily Health Assessment</th>
<th>Positive Screen to Quarantine and Tracking</th>
<th>Evidence Review</th>
<th>Communication and Campaign</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

BACKPACKS ON | LAPTOPS OPEN | FUTURES BRIGHT!
<table>
<thead>
<tr>
<th>Core Leadership</th>
<th>Community Pediatric Protocols</th>
<th>Daily Health Assessment</th>
<th>Positive Screen to Quarantine and Tracking</th>
<th>Evidence Review</th>
<th>Communication and Campaign</th>
</tr>
</thead>
</table>

**Core Leadership**

**Community Pediatric Protocols**

**Daily Health Assessment**

**Positive Screen to Quarantine and Tracking**

**Evidence Review**

**Communication and Campaign**
Assessment of children with exposure to COVID-19

**KNOWN Close Exposure**
(Source < 6 ft for > 15 min)
(close contact 48 hours prior to symptoms or until 10 days after symptoms start or positive test)

- **Asymptomatic**
  - Quarantine minimum after last close contact is at least 7 days regardless of circumstance
  - Quarantine duration (depends on local public health circumstances):
    - 14 days is safest
    - 10 days is an option if no symptoms reported
    - 7 days if no symptoms reported & negative test performed on or after Day 5 after last close contact (Day 0)
  - If symptoms appear or change

- **ANY Symptoms of COVID-19**
  - Begin Quarantine
  - Monitor symptoms x 14 days
  - Consider co-infection of influenza, strep, etc.

**TEST**

- **NEGATIVE**
  - Refuse test

- **POSITIVE**
  - Isolate x 10 days (treat as presumed positive)
  - Isolate 10 days after symptoms onset AND fever-free 24 hours

---

*Symptoms of COVID-19: fevers/chills/rigor, cough, difficulty breathing, headache, myalgias, congestion/runny nose, nausea/vomiting/diarrhea, sore throat, loss of smell and/or taste*

**People who have tested positive for COVID-19 (laboratory confirmed) do not need to quarantine or get tested again for up to 3 months as long as they do not develop symptoms again

***Fever-free means temperature less than 100.4 F without fever-reducing medications*
Rita Porter
RN
<table>
<thead>
<tr>
<th>Core Leadership</th>
<th>Community Pediatric Protocols</th>
<th>Daily Health Assessment</th>
<th>Positive Screen to Quarantine and Tracking</th>
<th>Evidence Review</th>
<th>Communication and Campaign</th>
</tr>
</thead>
</table>

**Core Leadership**

**Community Pediatric Protocols**

**Daily Health Assessment**

**Positive Screen to Quarantine and Tracking**

**Evidence Review**

**Communication and Campaign**
Stacey Wills
BSN, RN
RN Daily Checklist

Revision Date Oct 8th

Top Priority

RN Arrives at school
- Check CHD email/voicemail
- Check CCHMC Epic
- For results, using CHD Line List as a guide
- Notify Principal of all positive results
- Attend to students in isolation room

As Early as Possible

- Contact parent/guardian of positive result
  - See Script
- Contact parent/guardian of negative result
  - See Script
- Check voicemail and email several times throughout day for results
- Check CHD Line List for return to school dates
- Notify principal daily of return to school dates that are within the next 48 hours

By End of Day

- Reconcile CPS Covid Daily Log with CHD Line List
- Email completed CHD Line List to covid.cps@cincinnati-oh.gov
• Cincinnati Health Department School Nurses deployed to all 65 CPS schools to provide testing and health follow-up.
• Testing is available to all symptomatic CPS students with signed COVID-19 consent form.
Dr. Margaret Hall PT, MEd, DPT

Director of Student Services
What We Accomplished
Swim Lane Process Map

Requires close coordination and effective communication across:

• Families
• Cincinnati Public Schools (CPS)
• Cincinnati Health Dept (CHD)
• Cincinnati Children’s Hospital Medical Center (CCHMC)
Swim Lane Student COVID Screening, Testing & Follow-up Process

**Family**
- Check student’s temperature at home
  - Temp > 100.4 and/or symptom
    - Call SBHC or Primary Care Provider for guidance
  - Temp ≤ 100.4
    - Student proceeds to class as normal

**School/Nurse**
- Verify student does not have symptoms / exposure
- Recheck student’s temp
  - Temp > 100.4
    - Escort student to COVID isolation area
  - Temp ≤ 100.4
    - Student proceeds to class as normal

**School**
- Screen student at / before entry for temperature
  - Temp > 100.4 and/or self revealed symptoms
    - Escort student to COVID isolation area
  - Temp ≤ 100.4
    - Student proceeds to class as normal

**Lab**
- Test Sample is processed
- Results are reported

**Chem**
- Assign investigator
- Conduct contact tracing
- Consult w/ CPS

**CPS**
- Escort student to COVID isolation area
- As required, execute positive COVID school response plan

**CHD**
- Nurse assesses student per school health protocol (eg. Headache, stomachache)
- Verify COVID consent of file & perform COVID test
- Complete documentation

**CCHMC**
- Isolation monitor will notify nurse of student arrival to isolation room & ensures proper social distancing
- Room monitor notifies family of COVID symptoms, asks them to pickup their student & planned COVID test (follows script)
- Room monitor ensures that written guidance leaves with student / upon pickup

*Note: for schools w/ SBHC, COVID test may be conducted by SBHC.*
Consent Across Systems

• Working together to craft legal documents and secure transfer of health information across three public entities in a virtual environment was a key part of our success

• Translated into multiple languages
Accomplishments

• Used the QI process to plan for and support a safe return to in-person learning for students in a series of collaborative team meetings

• Performed on-site school visits to set up nursing and isolation rooms

• Modified classroom layouts to ensure social distancing

• Assisted in disinfecting protocols

• Assisted with process for temperature screening upon entry

• Set up COVID-19 testing in all schools

• Developed tracking tools for staff and students

• Developed multiple processes for:
  • Case notifications
  • Lab pickups
Where Are We Now

• RNs in every building with established processes
• Isolation rooms in every building
• On-site COVID-19 testing in every school with lab result notification within 24 hours
• Process to link close contacts
• Collaborative teams assist with contact tracing and mapping
• Huddles twice a day every day with ten different run charts used to track and analyze data to inform decision with the collaboration of key leadership from our collaborating partners
Rita Porter
RN
Nursing Services Continue During Distance Learning
Thank You and Questions
Visit **CPS-K12.ORG/NEWS/BACKTOSCHOOL** for more information.