Introduction
Today’s Topics

02 COVID-10 Updates & Mask Wearing
03 Considerations as We Transition Into Fall
04 COVID-Safe for Schools (K-12 Initiative)
05 Q&A

Please submit questions via the chat function.
Meeting Recap

This meeting is being recorded and will be available following the event on our resource web page:

AtriumHealth.org/EmployerSolutions/COVID
Katie Passaretti, MD
Medical Director, Infection Prevention

COVID-19 Updates & Mask Wearing
Wave 1 Peaked and on the Decline

Increasing Cases as of 8/8/20

<table>
<thead>
<tr>
<th></th>
<th>Worldwide</th>
<th>United States</th>
<th>North Carolina</th>
<th>South Carolina</th>
<th>Georgia</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cases</strong></td>
<td>19.4 million</td>
<td>4.96 million</td>
<td>134,766</td>
<td>98,743</td>
<td>209,004</td>
</tr>
<tr>
<td><strong>Deaths</strong></td>
<td>722,566</td>
<td>161,730</td>
<td>2,160</td>
<td>1,931</td>
<td>4,117</td>
</tr>
</tbody>
</table>

Hospitalizations

- Seem to have peaked in late July in NC
  - NC managing volumes currently
  - ICU/Ventilated patients have been stable, but seeing some creep after 4th of July
- SC starting to plateau

Mortality

- Increased slightly in July after trending downward
The state is now allowing coronavirus testing at the NC State Laboratory of Public Health. These tests are coordinated through the Division of Public Health's Communicable Disease Branch.
The Governor announced that the sale of alcoholic beverages in all bars and restaurants throughout the state will be temporarily prohibited after 11:00 PM each night, beginning July 11.
IHME Mobility, Death and Hospitalization Trends and Projections

United States Mobility Trends

United States Daily Death Projections

United States COVID Hospitalizations, ICU, Ventilator Projections
Percent of Population Who Report Always Wearing a Mask When They Go Out

June 13, 2020

July 24, 2020

Institute for Health Metrics and Evaluation
### Impact of Masking, Social Distancing and Eye Protection

**Table:**

<table>
<thead>
<tr>
<th>Intervention</th>
<th>Without Intervention</th>
<th>With intervention</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Less than 1m distancing</td>
<td>1m or more distancing</td>
</tr>
<tr>
<td>Physical distancing</td>
<td>12.8%</td>
<td>2.6%</td>
</tr>
<tr>
<td>Face masks</td>
<td>17.4%</td>
<td>3.1%</td>
</tr>
<tr>
<td>Eye protection</td>
<td>16%</td>
<td>5.5%</td>
</tr>
</tbody>
</table>

For every meter further away in distancing, the relative effect might increase.

Universal Masking Rational

Protect those around you

- Role of asymptomatic individuals spreading infection in absence of symptoms
- Evidence viral load highest at time symptoms develop and 48 hours BEFORE individual knows they are sick
- Source control for unknowingly infected individuals

Protect yourself

- Mask decreases touching of mouth/nose/eyes in a recent study
- Barrier to virus entering your body
Universal Masking Rational

How masks protect us from spreading and catching coronavirus

HIGH RISK

MEDIUM RISK

LOW RISK
Dos and Don’ts of Mask Wearing

- **Tighten the loops or ties so it’s snug around your face, without gaps.**
- **Mask should cover from just under the bridge of your nose to under your chin.**
Evolving Knowledge

New Understandings

• Evolution of treatment options
  • Atrium Health involvement in clinical treatment trials
• Ongoing impact of COVID-19 on underserved populations
  • Community
  • Individual
• Duration of transmissibility from infected patients
• Move away from retesting positives/conserving testing resources
Evolving Knowledge

Still Unknown

- Impact of school reopening (or not)
- Combined impact of respiratory viral season + COVID-19
- Optimal testing strategy
- Possibility for reinfection/immunity post-infection
- Vaccine efficacy, timing and availability
Considerations as We Transition Into Fall
Flu Season

As flu season is quickly approaching:

• Encourage your employees to get vaccinated

• Consider holding a flu vaccination clinic for employees at the workplace

• Employees should get vaccinated before flu season begins, usually by the end of October
Is it COVID-19, the flu, a cold or seasonal allergies?

<table>
<thead>
<tr>
<th>What are the most common symptoms?</th>
<th>Coronavirus (COVID-19)</th>
<th>The Flu</th>
<th>A Cold</th>
<th>Seasonal Allergies</th>
</tr>
</thead>
</table>
| Keep in mind: You may have 1 or all of these symptoms. | - Fever  
- Cough  
- Shortness of breath or difficulty breathing  
- Chills  
- Repeated shaking with chills  
- Muscle pain  
- Headache  
- Sore throat  
- New loss of taste or smell  
- Congestion or runny nose  
- Nausea or vomiting  
- Diarrhea | - Aches  
- Chills  
- Cough  
- Diarrhea*  
- Fatigue  
- Fever  
- Headaches  
- Runny nose  
- Sore throat  
- Stuffy nose  
- Vomiting* | - Cough  
- Fever*  
- Mucus dripping down your throat (post-nasal drip)  
- Runny nose  
- Sneezing  
- Sore throat  
- Stuffy nose  
- Watery eyes | - Itchy eyes  
- Runny nose  
- Sneezing  
- Stuffy nose  
- Watery eyes |

*more common in children than adults  
*rare

<table>
<thead>
<tr>
<th>When do symptoms show up once you have been exposed?</th>
<th>2 to 14 days after</th>
<th>1 to 4 days after</th>
<th>1 to 3 days after</th>
<th>Right away</th>
</tr>
</thead>
</table>

| How long do symptoms last? | Not known | 3 to 7 days | 7 to 10 days | As long as you’re exposed to allergens |
Employees with School-Aged Children

- Exposures at school
- Employees traveling to other regions or states for youth sports
- Employees traveling to other regions or states to drop children off at college
- Employees with young children who are starting the school year as remote learners may struggle with stress, anxiety and/or finding work/life balance. Consider flex hours, remote work, additional support/recommendations for in-home childcare, etc.)
Other Considerations

- Preventive care
- Screenings
- Ongoing care for chronic conditions
- Care for illness/injuries that could worsen without treatment
- Remind of flex spending accounts
COVID-Safe for Schools (K-12) Initiative
COVID-Safe for Schools

Applying what we’ve learned to support K-12 students, teachers and staff

- Expert guidance and recommendations to help mitigate risk and manage COVID-19 school-based exposures
- On-site post-exposure testing for asymptomatic students and staff following a school-based exposure
- Safety evaluations to review physical spaces and provide customized recommendations on classroom layout and the campus environment
- Monthly town hall webinars to enhance existing education related to COVID-19

- Numerous resources to support administration, staff and families in preventing spread and addressing health and safety needs
Additional Resources:

COVID-Safe for Schools Resource Web Page

- Convenient online access to up-to-date information
- Teacher/staff guidance
- Student education (e.g., how to wear a mask, proper handwashing, symptoms chart)
Additional Resources:

COVID-Safe for Schools Resource Guide

- A digital guide to help schools reopen safely
- Includes information on:
  - Preventing Spread
  - Managing Stress and Anxiety
  - Addressing School-Based Exposures

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Q&A
Questions?
Next meeting: 

Wednesday, September 9, 3-4 PM

Where to go for additional information:

Email COVID19RTW@AtriumHealth.org with questions, topic suggestions for the next Town Hall, or to request more information on Atrium Health COVID-19 screening and testing.

Visit AtriumHealth.org/EmployerSolutions/Covid for the most updated COVID-Safe for Employers content and tools.
Thank you.