Welcome!

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Share your learning.
Connect with other educators.
Tag us and use #SchoolsGetItDone.

BEFORE WE BEGIN

• Please remain Muted until you are called on to share.
• Continue to use the Chat system to ask questions if needed.
• We will be sharing a Resource Folder for participants to add and share resources later in the webinar.

Agenda

• Welcome and Overview
• COVID-19 Data Based Decision-Making
  • Timeline for Reopening
  • Commencement Continuum
• Thinking Forward
  • Here’s What / So What / Now What

Please introduce yourself in the chat, include your name, school, role and one hope/question for today’s session.
**Agenda**

- Welcome and Overview
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**Timeline for Reopening**

- We simply don't know...
  - How long will this take?
  - What will Michigan's trajectory look like long-term?
  - How might a second wave impact things?
  - What is the plan for loosening non-work restrictions?
- What we do know is...
  - Infection rates declining statewide, while rising in multiple counties.
  - Michigan taking regional, risk-based approach to economic restart.

**Governor's Framework**

- Pandemic Risk
  - Urgent
    - Critical industries only
  - Stabilizing
    - Selective reopening, but only if disciplined best practices certified
  - Recovery
    - All segments open with best practices in place

- Workplace Risk
  - High
  - Low

**Regional Approach**

- MERC Regions
  - Population
  - % of total
  - Detroit Region 6,243,943 62.5%
  - Grand Rapids Region 1,538,115 15.4%
  - Kalamazoo Region 964,202 9.7%
  - Saginaw Region 606,319 6.1%
  - Lansing Region 591,102 5.9%
  - Traverse City Region 445,159 4.5%
  - Jackson Region 302,566 3.0%
  - Upper Peninsula 238,351 3.0%

- Total Michigan 9,986,907 100.0%
Governor’s Readiness Indicators

Flatten the curve
- Epidemic spread
  - A: Density and trajectory of spread
  - B: Community exposure / immunity

Safely diagnose and treat patients
- Healthcare system capacity
  - A: Critical personnel
  - B: Beds
  - C: Ventilators
  - D: PPE

Track and isolate contacts
- Public health capacity
  - A: Infrastructure contact tracing
  - B: Effective isolation / quarantine

Opening Up America

- "Gating Criteria"
  - Symptoms (2 parts)
  - Cases
  - Hospitals (2 parts)

Step 1: Satisfy all 5 criteria
Step 2: Advance to next phase
Step 3: Repeat Steps 1 and 2 until Phase 3

Opening Up America

**Symptoms**
1. Downward trajectory of influenza-like illnesses (ILI) reported within a 14-day period
AND
2. Downward trajectory of COVID-like syndromic cases reported within a 14-day period

**Cases**
3. Downward trajectory of documented cases within a 14-day period
OR
4. Downward trajectory of positive tests as a percent of total tests within a 14-day period (flat or increasing volume of tests)

**Hospitals**
4. Treat all patients without crisis care
AND
5. Robust testing program in place for at-risk healthcare workers, including emerging antibody testing
Many states are far short of Covid-19 testing levels needed for safe reopening, new analysis shows

Robust testing program in place for at-risk healthcare workers, including emerging antibody testing

Testing gaps by state

"Michigan, Connecticut, and Colorado are all about 15,000 tests a day below their May 1 targets."

More than half of U.S. states will have to significantly step up their Covid-19 testing to even consider starting to relax stay-at-home orders after May 1, according to a new analysis by Harvard researchers and STAT.

Opening Up America

14 days per phase
3 total phases
Shortest path to Phase 3 = 42 days (6 weeks)
Phase 3 still has restrictions (esp. for vulnerable populations)

Theoretical Scenario

- Theoretical Phase 1 Start
- Theoretical Phase 2 Start
- Theoretical Phase 3 Start

Other Metrics

Infection growth rate

On average, each person in Michigan with COVID is infecting 0.96 other people. Because each person is infecting less than one other person, the total number of cases in Michigan is shrinking.

https://covidactnow.org/us/mi/
Understanding $R_0$

- Pronounced “$R$ naught”
- Avg. # of people who will contract disease from 1 infected person.
- Applies when:
  - No one previously infected,
  - No one vaccinated,
  - No way to control disease spread.
- $R_0 < 1$: Disease declines, eventually dies out.
- $R_0 = 1$: Disease stays alive & stable, but no outbreak or epidemic.
- $R_0 > 1$: Disease transmitted between people and may cause outbreak or epidemic.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Est. $R_0$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hepatitis C</td>
<td>2</td>
</tr>
<tr>
<td>Ebola</td>
<td>2</td>
</tr>
<tr>
<td>HIV</td>
<td>4</td>
</tr>
<tr>
<td>SARS</td>
<td>4</td>
</tr>
<tr>
<td>COVID-19</td>
<td>5.7</td>
</tr>
<tr>
<td>Mumps</td>
<td>10</td>
</tr>
<tr>
<td>Measles</td>
<td>18</td>
</tr>
</tbody>
</table>

https://www.healthline.com/health/r-nought-reproduction-number

Other Metrics

Positive test rate

A relatively stable percentage (8%) of COVID tests were positive, which indicates that testing in Michigan is not widespread, meaning that many cases may go undetected.

https://covidactnow.org/us/mi/

Governor’s Readiness Indicators

Flatten the curve

Epidemic spread

A Density and trajectory of spread
B Community exposure / immunity

Safely diagnose and treat patients

Healthcare system capacity

A Critical personnel
B Beds
C Ventilators
D PPE

Track and isolate contacts

Public health capacity

A Infrastructure contact tracing
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https://covidactnow.org/us/mi/

Last updated 5/6/2020. While experts agree surge healthcare capacity is critical, there is no benchmark for ICU surge capacity. This metric attempts to model capacity as interventions are relaxed. Learn more about how we calculate COVID ICU surge here.
### County-by-County

#### Michigan
County-by-County

**Infection growth rate**
- Active cases are increasing: **0.96**
- Positive test rate: **8.4%**
- ICU bed usage: **91%**

<table>
<thead>
<tr>
<th>County</th>
<th>Infection Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kent</td>
<td>1.24</td>
</tr>
<tr>
<td>Alpena</td>
<td>1.34</td>
</tr>
<tr>
<td>Van Buren</td>
<td>1.38</td>
</tr>
<tr>
<td>Lapeer</td>
<td>1.27</td>
</tr>
<tr>
<td>Marquette</td>
<td>1.18</td>
</tr>
<tr>
<td>Lenawee</td>
<td>1.10</td>
</tr>
<tr>
<td>St. Clair</td>
<td>1.06</td>
</tr>
</tbody>
</table>

[https://covidactnow.org/us/mi/](https://covidactnow.org/us/mi/)

### Macomb County

**Future projections: all hospitalizations**

Assuming current trends and interventions continue, Macomb County, Michigan hospitals are unlikely to become overloaded in the next 3 months. However, any reopening should happen in a slow and phased fashion. If all restrictions were completely lifted today, hospitals would overload on June 5, 2020.

- ICU headroom used: **100%**

[https://covidactnow.org/us/mi/](https://covidactnow.org/us/mi/)

### UM Epidemiology

**Michigan COVID-19 Modeling Dashboard**

- Updated April 25, 2020 at 10:12 EDT

  - Model fit across region: 
    - U: Large, good
    - M: Medium, good
    - S: Small, good

- 3-week forecast of cumulative COVID-19 cases in Michigan

- 3-week forecast of cumulative COVID-19 deaths in Michigan

- 3-week forecast of cumulative COVID-19 cases in Michigan

- 3-week forecast of cumulative COVID-19 hospitalizations in Michigan

- 3-week forecast of cumulative COVID-19 hospitlized patients (with ICUs needed)


### UM Epidemiology

**Exploring social distancing**

- Adjust sliders to see how different social distancing scenarios may affect the epidemic.

- Contact rate and distance
- Social distancing scale

UM Epidemiology

Exploring social distancing

*Assumes 70% reduction in rate of person-to-person contacts compared to normal level.

https://epimath.github.io/covid-19-modeling/

S.D. Until May 16

*Assumes 70% reduction in rate of person-to-person contacts compared to normal level.

https://epimath.github.io/covid-19-modeling/

S.D. Until May 30

*Assumes 70% reduction in rate of person-to-person contacts compared to normal level.

https://epimath.github.io/covid-19-modeling/

S.D. Until June 13

*Assumes 70% reduction in rate of person-to-person contacts compared to normal level.

https://epimath.github.io/covid-19-modeling/
S.D. Until June 28

https://epimath.github.io/covid-19-modeling/

*Assumes 70% reduction in rate of person-to-person contacts compared to normal level.

S.D. Until August 10

https://epimath.github.io/covid-19-modeling/

*Assumes 70% reduction in rate of person-to-person contacts compared to normal level.

S.D. Until September 7

https://epimath.github.io/covid-19-modeling/

*Assumes 70% reduction in rate of person-to-person contacts compared to normal level.

Stay Home Exceptions

• Going to work...
  • If you are a "critical infrastructure employee"
  • To conduct "minimum basic operations"
  • If you work in a "resumed activity" industry

• Engaging in outdoor recreational activity
• Perform tasks necessary to sustain health/safety
• Obtain services/supplies (i.e. go to the store)
• Care for/visit the sick, children, the elderly, etc.
• Attend one of the following:
  • Legal proceedings
  • Funerals of <10 people
  • Mutual aid society mtgs of < 10 people
  • Work/volunteer at a soup kitchen, shelter, etc.
• View a real estate listing by appointment

• What is not on the list?
  Students being on school grounds or attending school sponsored events, including picking up learning packets, caps & gowns, or attending Commencement.
Construction Work

- Designate a site-specific supervisor to monitor and oversee COVID-19 control strategies.
- Conduct daily screenings, including a questionnaire and a temperature screening.
- Create dedicated entry points for the daily screening.
- Require masks or face shields.
- Designate a disposal location on-site for used masks.
- Encourage or require use of gloves to prevent skin contact with contaminated or frequently touched surfaces.
- Control access to identified choke points or high risk areas and control access to and use of the area.
- Provide sufficient hand-washing or hand-sanitizing stations.
- Restrict movement between project sites.
- Create protocols to minimize personal contact for deliveries to the worksite.

Commencement Continuum

- What is reasonable & appropriate?
- Who is targeted audience? Why?
- Where might you host F2F and accommodate Social Distancing?
- How might you mitigate risk?
  - Vulnerable populations? Students? Families? Staff?
  - Access Points / Screening / EPP and Sanitizing
  - Social Distancing / Restrict Movement & Contact
- When might interest be lost?
  - Considerations: Military Enlistment / College / Workforce
- What is local capacity (Human, Physical, Technical)?

CDC Mass Gathering Consideration

- Total People on Site
  - Anticipated number of vulnerable population attending who are at greater risk (e.g., older adults and persons with severe pre-existing health conditions).
  - Density of attendees within a confined area.
  - Level of transmission in local community and the areas from which guests will travel.
  - Economic, educational and medical impact to students, staff, attendees, and the larger community, if venue becomes source of secondary outbreak.

Agenda

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Here's What ~ So What ~ Now What

• Commencement

  • What is reasonable and individually appropriate in light of current circumstances?
    • Balancing politics, tradition & stakeholder expectations with local capacity and ability to protect the health/safety of those in attendance
    • How might we mitigate risk for vulnerable populations? Students? Staff?
    • New Normal Given Potential for Secondary Outbreak that might suspend face-to-face instruction in fall?

Here's What ~ So What ~ Now What

During STAY HOME / STAY SAFE

• Social Media Week for seniors
• Light Up the Stadium
• Letters/card to Seniors
• Grateful Grad
• Seniors Pictures Recorded Screencast or Flipgrid.
• Senior Spotlights / Senior Moment / Senior Reflections
• Banners of Seniors on the Light Poles
• Senior Goody Bags
• Yard signs
• Parents Decorate Front / Garage Door
• Billboards
• Virtual Senior showcase
• Virtual Signing Opportunities
• Virtual Bequests – Senior Wills (leaving a legacy)

Here's What ~ So What ~ Now What

Short-Term

• ASK YOUR SENIORS FOR THEIR INPUT! Send a survey and use feedback to prioritize district decision-making.

• Identify three to five potential dates with Good, Better, Best options based on what’s permitted on each date. For example:
  • June 13 Virtual Ceremony (Good), Senior Parade (Better), Drive-In/Through (Best)
  • July 28 Senior Parade (Good), Drive-In/Through (Better), Face2Face at Football Stadium with Parents/Guardians only w/Social Distancing (Best)
  • August 10 Drive-In/Through (Good), Face2Face at Football Stadium with Parents/Guardians only w/Social Distancing (Better), Face2Face at Football Stadium with four to six guests w/Social Distancing (Best)

• Reserve venue for each of the dates.
• Communicate plan, and criteria for decision making to students and their families.

Here's What ~ So What ~ Now What

After Restrictions to STAY HOME / STAY SAFE

• Seniors pick-up cap and gown while teachers line the driveway of school to wave and see them off.
• Set up a banner/sign and photographer the day of cap and gown pick-up and have senior pics taken in front of school.
• “Show Me Your Walk” – live celebration for Class of 2020 in July or August (stream/record and post on youtube)
• Film Senior receiving diploma and broadcasting a virtual ceremony
• Record students driving around the school/track to recieve diploma and have pic taken. Post final video on YouTube for a completely virtual commencement ceremony.
• Car parade thru town after getting diplomas. Check out car clubs or new car sale places for help with cars and senior holding signs etc.
• Drive-in Graduation and then a fun movie night after.
After Restrictions to STAY HOME / STAY SAFE

- Race to the Finish Idea
- Prom Substitute over the summer to be run by parents and hosted at a barn-type venue.
- Senior breakfast/banquet/cookout
- Building a scavenger hunt through Goosechase to allow students to be on teams (guys vs. gals, etc.) and see the results real time.
  - Goosechase is an interactive scavenger hunt program that you can build events and challenges into Goosechase
- Senior Sunset in parking lot/beach/airport

School Calendar

- DPPD
- Start Date
- Hours/Days
- Contingency Days

Approach to Fall

- SEL, Mental Health
- Testing/monitoring Health
- Access Points
- Class sizes / Common Areas
- Split/Staggered schedules
- Blended/Remote Learning
- Guest/Substitute Teachers
- Transportation
- PPE & Sanitation, etc.

Student Activities

- Marching Band, Sports, Clubs,
- Back to School Events

THANKS FOR JOINING US TODAY!