

COVID-19 Update

April 9, 2020



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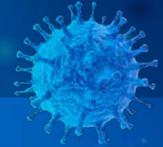
Public Health Goals

IAP Goals(s):

1. Identify cases, isolate the sick, quarantine the exposed, and protect vulnerable populations
2. Provide information to the public, media, and County staff to increase public awareness, address misinformation, and protect the public and increase community resiliency
3. Prepare, mitigate, and recover from widespread transmission in Allegan County

Updates:

- ▶ Non-congregate Shelters
- ▶ Aggressive Case Investigation and surveillance
- ▶ Impact to all sectors on recovery from this incident
- ▶ Sharing lab confirmed positive persons with first responders
- ▶ PPE prioritization and testing criteria
- ▶ Mandated Isolation/Quarantine
- ▶ Prepare for Mass Fatalities



Statistics: What's happening



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Globally* (4/5/20 at 10:00AM): 1,133,758 confirmed cases; 62,784 deaths

United States* (4/5/20):

- ▶ Total cases: 304,826
- ▶ Total deaths: 7,616
- ▶ Jurisdictions reporting cases: 55 (50 states, District of Columbia, Puerto Rico, Guam, Northern Marianas, and US Virgin Islands)

Michigan (4/6/20 3:00PM):

Total Confirmed Cases

17,221

Total COVID-19 Deaths

727

Allegan County (4/7/20 at 2:00 pm)

Total PUI- 214

COVID-19 negative 183

COVID-19 positive 18

Testing Pending 7

Testing Not Completed 6

Total Monitored 161

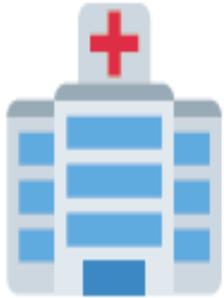
Currently Monitoring 32

Testing is still limited to these groups:

1. 65 years of age and older or chronic medical conditions
2. Health care worker with symptoms
3. First Responder with symptoms
4. Individual hospitalized with symptoms

TESTING AVAILABILITY IS LIMITED

Certain groups have been prioritized in order to help those who are frail, provide healthcare, run rescues and provide safety for our neighborhoods.



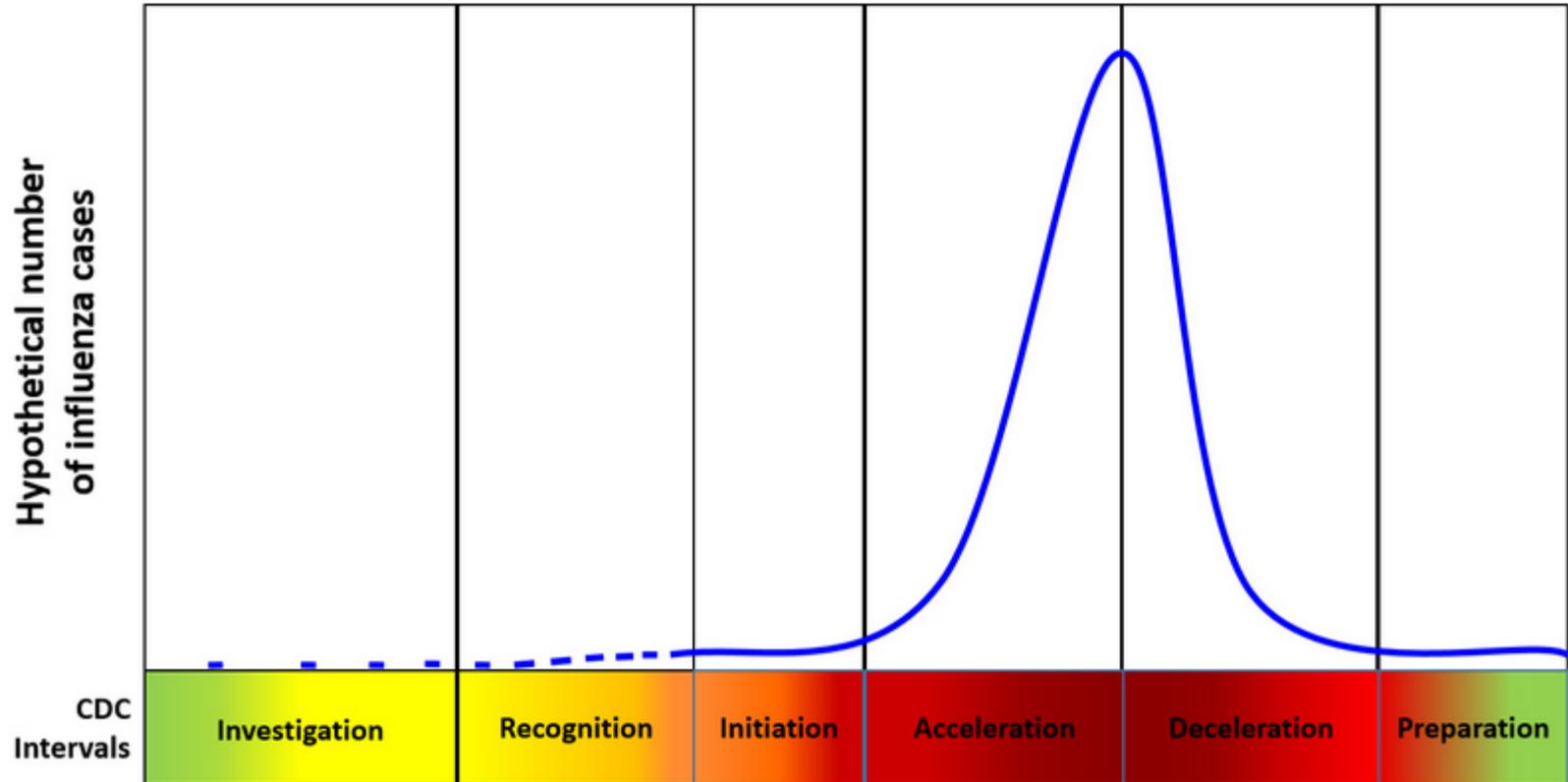
Local stages of outbreak

Burden on healthcare system

No cases detected	No burden on healthcare system
Limited individual cases	No burden on healthcare system
Initial community transmission	Initial burden on healthcare system
Large-scale community transmission	Moderate to high burden on healthcare system
Flattening the curve	Burden on health care system remains high
Containment of individual cases	Low burden on healthcare system
Ongoing suppression	No burden on healthcare

Figure 3. Description of the progression of the outbreak in local communities, as marked by number of cases and burden on the healthcare system

Figure 1. Preparedness and response framework for novel influenza A virus pandemics: CDC intervals



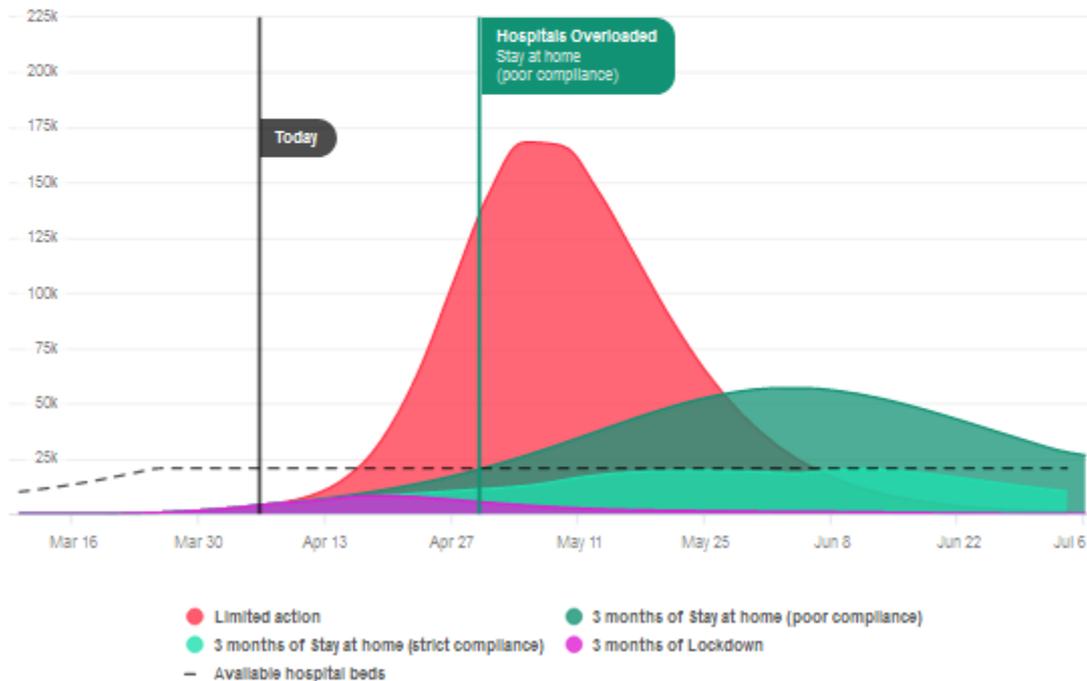
COVID Act Now Projections: Michigan



Keep staying at home in Michigan.

Avoiding hospital overload heavily depends on population density and public cooperation. Best and worst case scenarios are shown below, and we'll update our projections as soon as more data becomes available.

Projected hospitalizations
Michigan



COVID Act Now Projections: Allegan County

For full assumptions

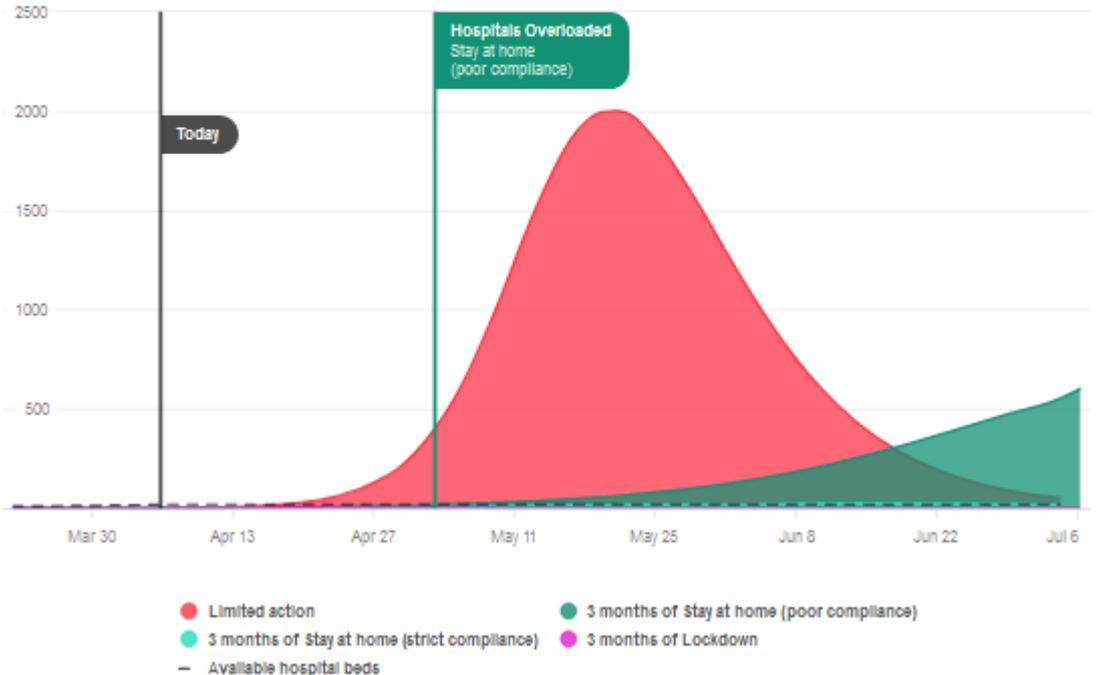


Keep staying at home in **Allegan County, Michigan.**

Avoiding hospital overload heavily depends on population density and public cooperation. Best and worst case scenarios are shown below, and we'll update our projections as soon as more data becomes available.

Projected hospitalizations

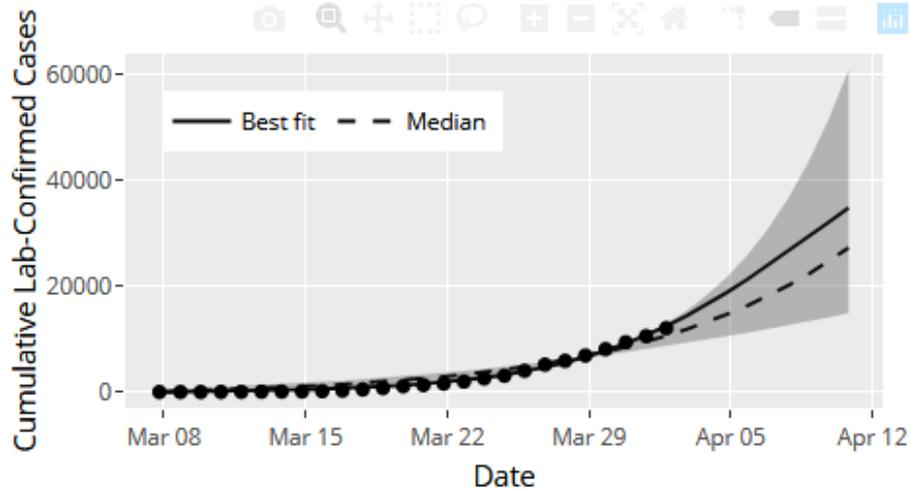
Allegan County, Michigan



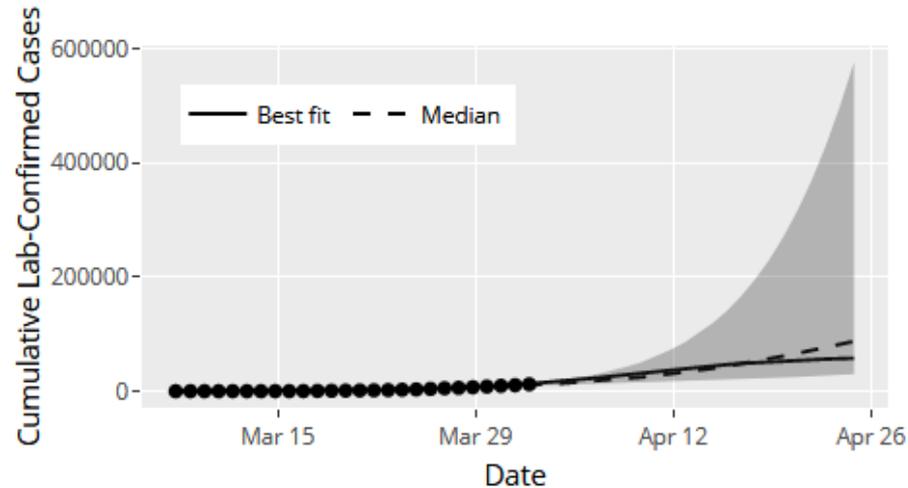
Michigan COVID-19 Modeling Dashboard

Developed by University of Michigan, School of Public Health
Continually update as more data becomes available.

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



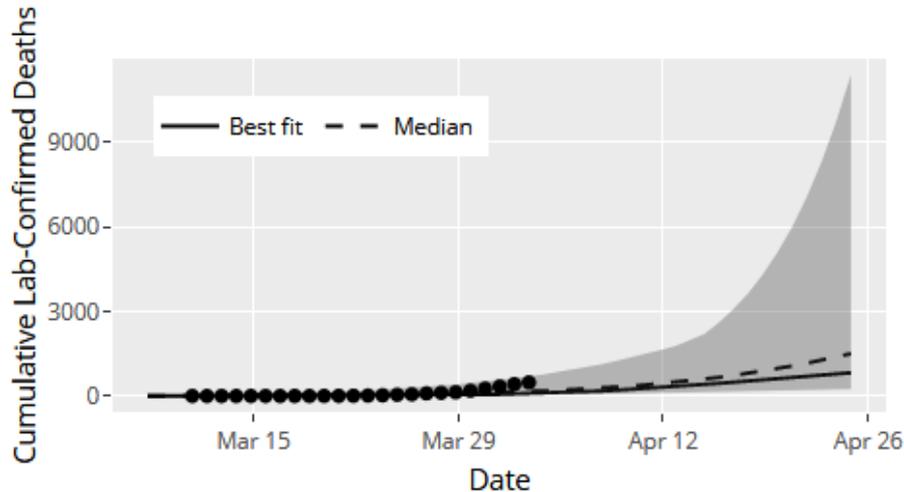
3-week forecast of cumulative COVID-19 cases in Michigan



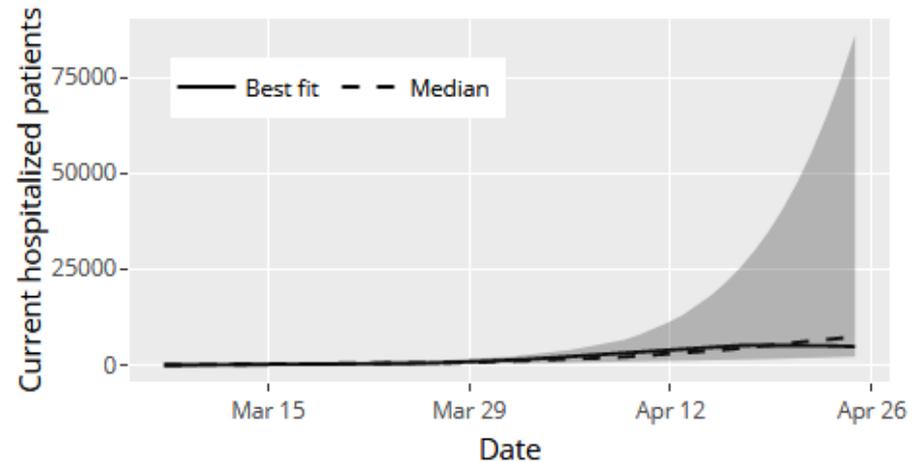
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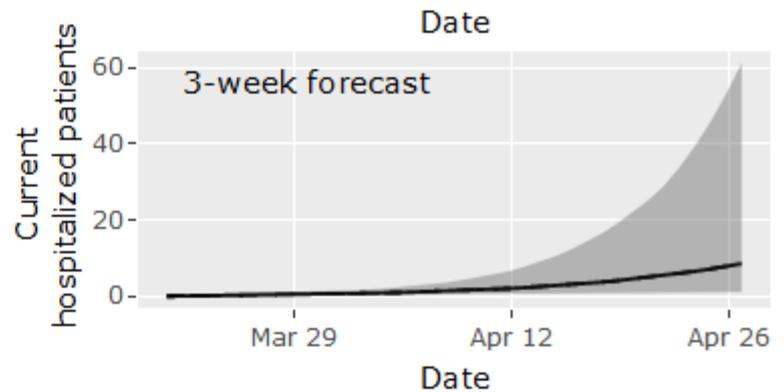
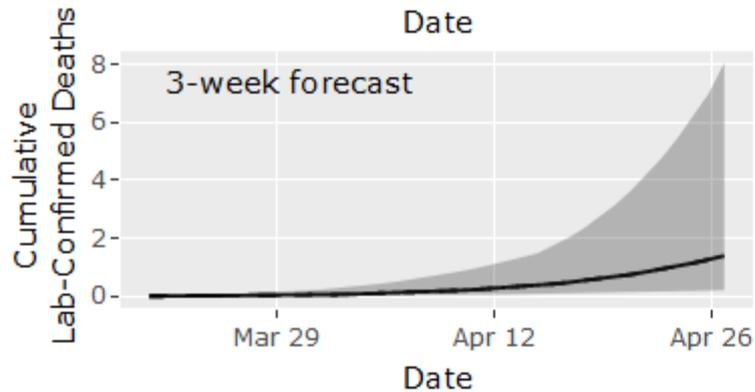
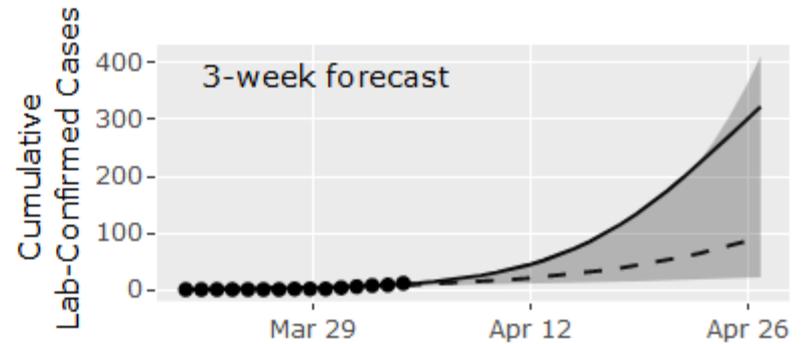
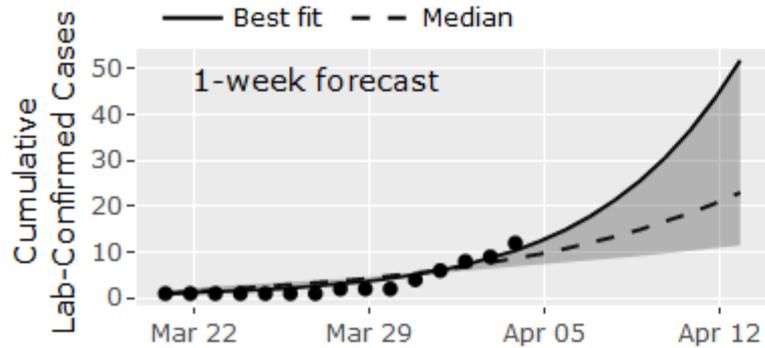
3-week forecast of **cumulative COVID-19 deaths** in Michigan



3-week forecast of COVID-19 **hospitalized patients** (i.e. beds needed)



Allegan County Modeling



COVID Community Vulnerability Map

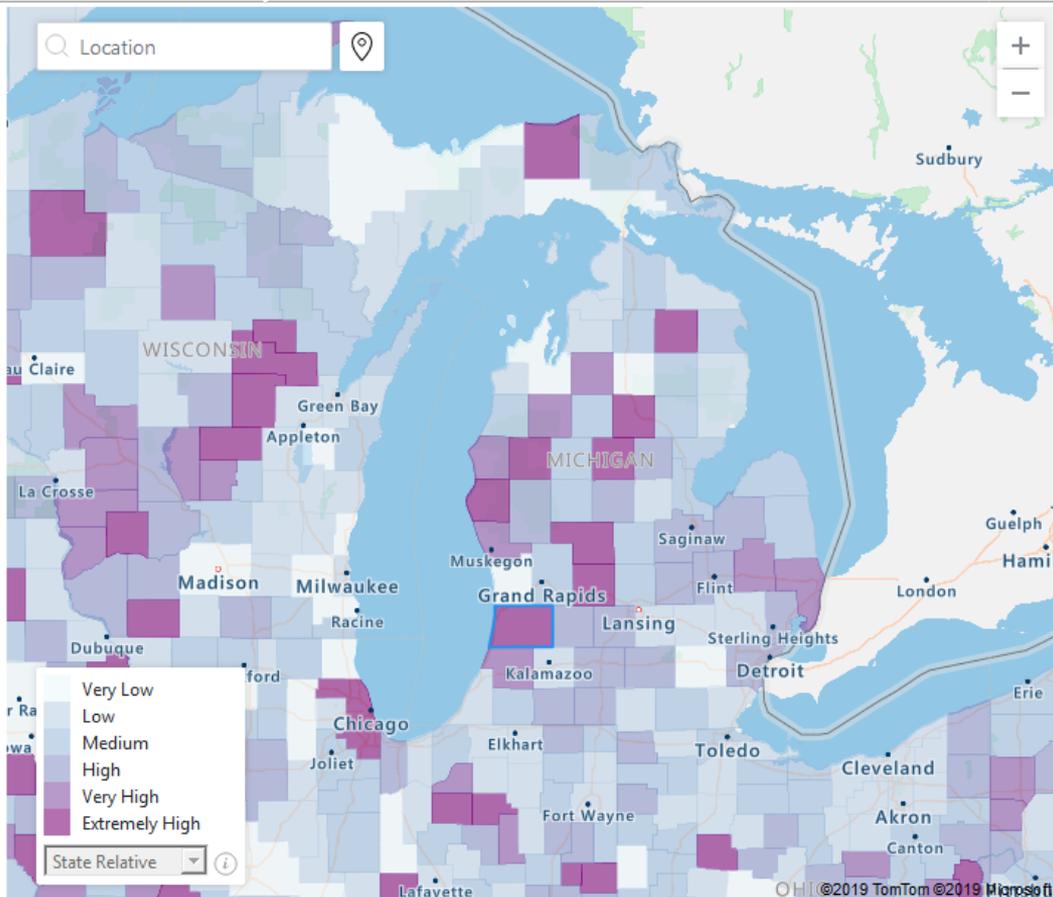
Identification of the populations at risk for severe outcomes once infected to inform resource planning, interventions, outreach and other community initiatives

This map allows you to search and drill down into communities to view populations most vulnerable for severe outcomes if infected with a COVID-like virus and the socioeconomic factors driving that risk.

How to use this map:

Select a geographic location or enter a reference point in the search bar to drill down to census block group level information.

Brought to you in partnership with Azure Maps



Allegan County

Census ID 26005

High density (135.0 ppl / mi²)

Community Vulnerability

Extremely High

Top Socioeconomic Influencers

- Low frequency of prolonged commute (60+ min)
- Low transportation availability
- Low industrial/commercial job density
- Low unemployment rate
- Low commercial retail availability

Homemade Mask Use

- ▶ CDC recommends wearing cloth face coverings in public settings where other social distancing measures are difficult to maintain (e.g., grocery stores and pharmacies) **especially** in areas of significant community-based transmission.
- ▶ It is critical to emphasize:
 - ▶ Maintain 6-foot social distancing remains important to slowing the spread of the virus.
 - ▶ CDC is additionally advising the use of simple cloth face coverings to slow the spread of the virus and help people who may have the virus and do not know it from transmitting it to others.
- ▶ How to make your own mask

Should cloth face coverings be washed or otherwise cleaned regularly? How regularly?

Yes. They should be routinely washed depending on the frequency of use.

How does one safely sterilize/clean a cloth face covering?

A washing machine should suffice in properly washing a face covering.

How does one safely remove a used cloth face covering?

Individuals should be careful not to touch their eyes, nose, and mouth when removing their face covering and wash hands immediately after removing.



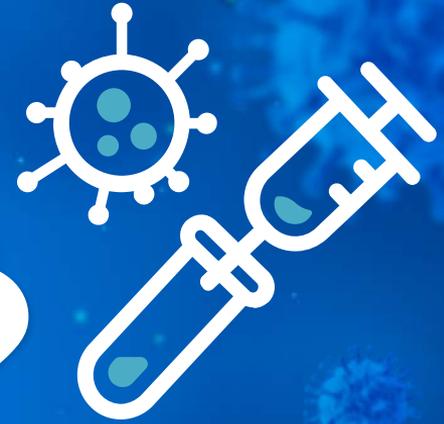
Prevention



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- ▶ Currently, there is no vaccine for COVID-19
- ▶ The best way to prevent infection is to avoid exposure to the virus
- ▶ Take everyday preventive actions to help prevent the spread of respiratory viruses
 - ▶ [FDA approved list of cleaning agents](#)
- ▶ Wash your hands often
- ▶ Social distancing
- ▶ Shelter at home if you are non-essential
- ▶ Consider wearing a homemade mask when out in public

Questions?



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