

COVID-19 Update

December 16, 2020

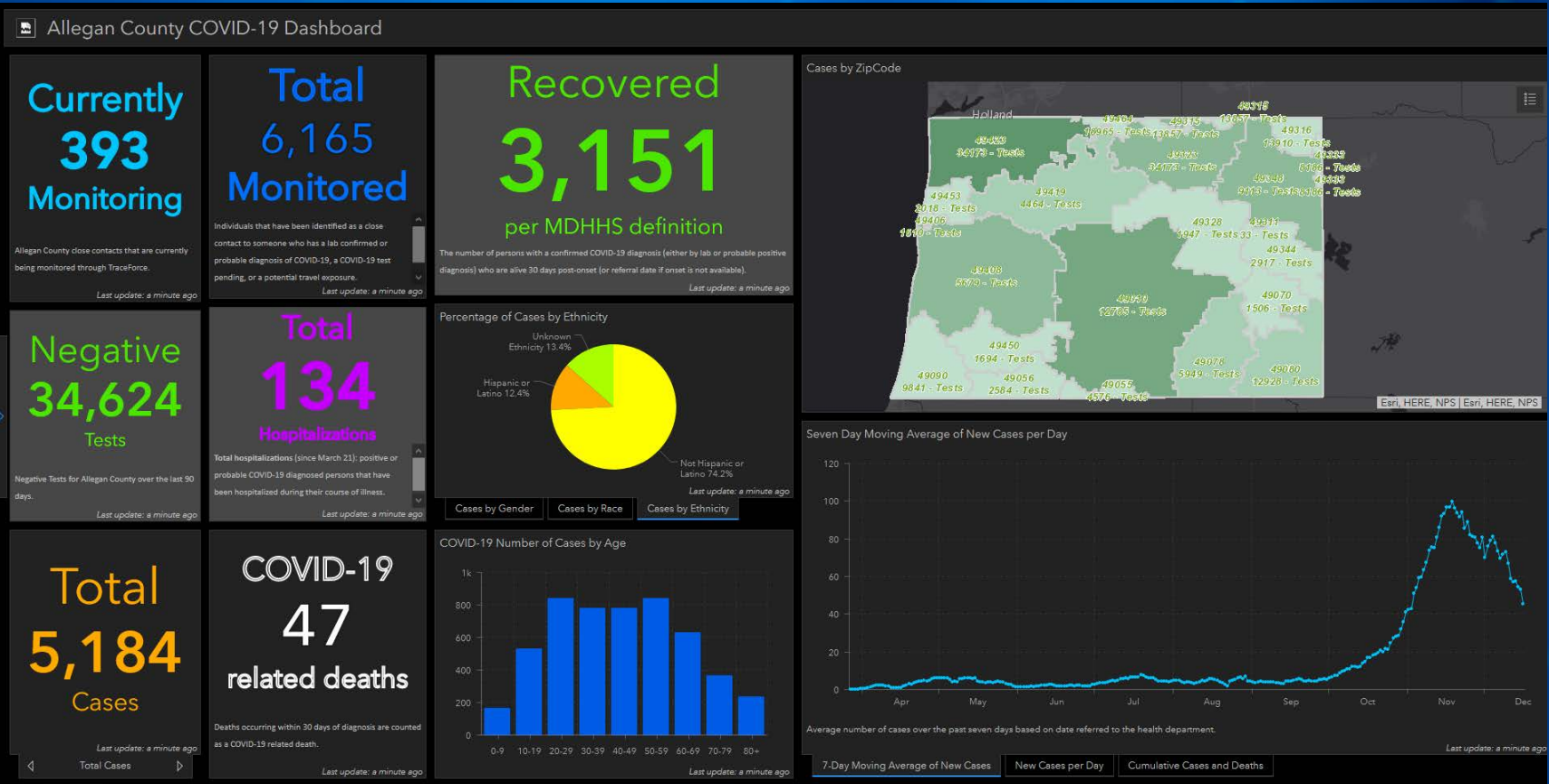


HEALTH
Department

Allegan County COVID-19 Dashboard

data as of 12/16/20 at 2pm

<https://alleganco.maps.arcgis.com/apps/opstdashboard/index.html#/c05e1ec6222944748968f351273b3d41>



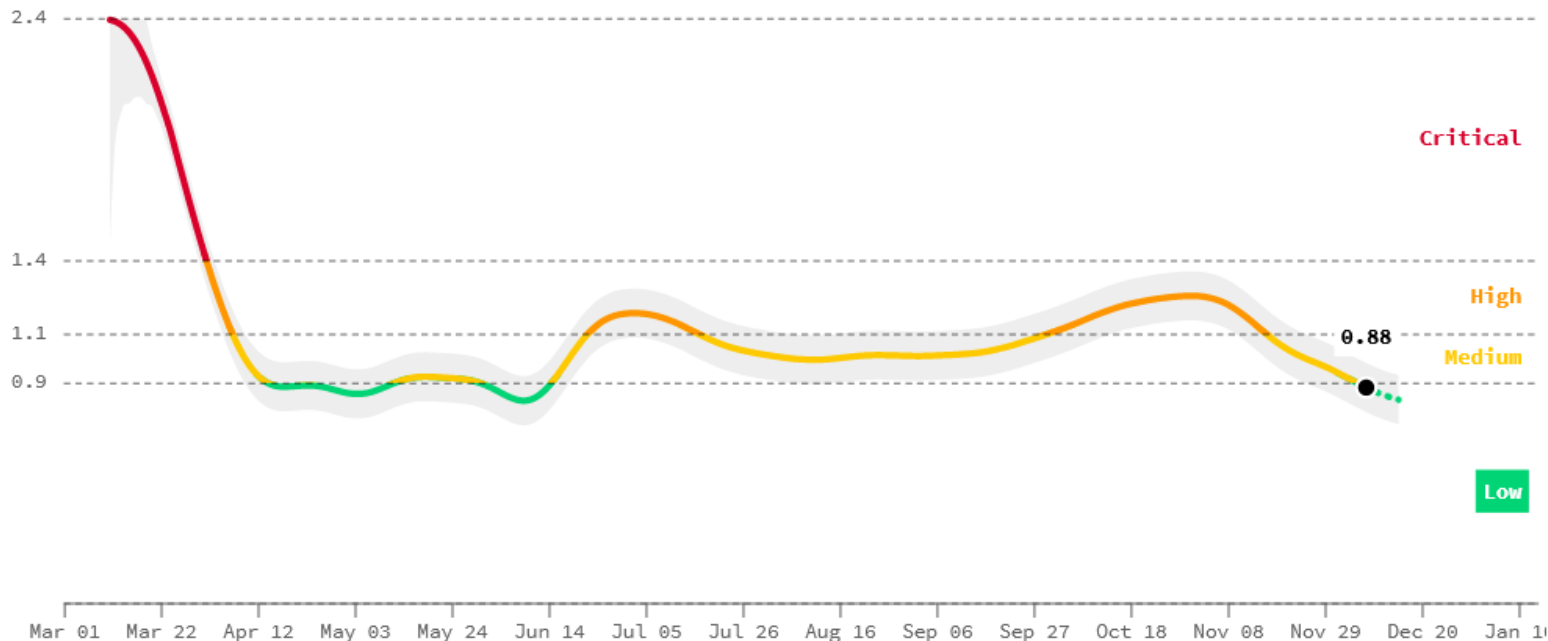
Infection rate

MICHIGAN

Save

Share

On average, each person in Michigan with COVID is infecting 0.88 other people. Because each person is infecting less than one other person, the total number of current cases in Michigan is shrinking.



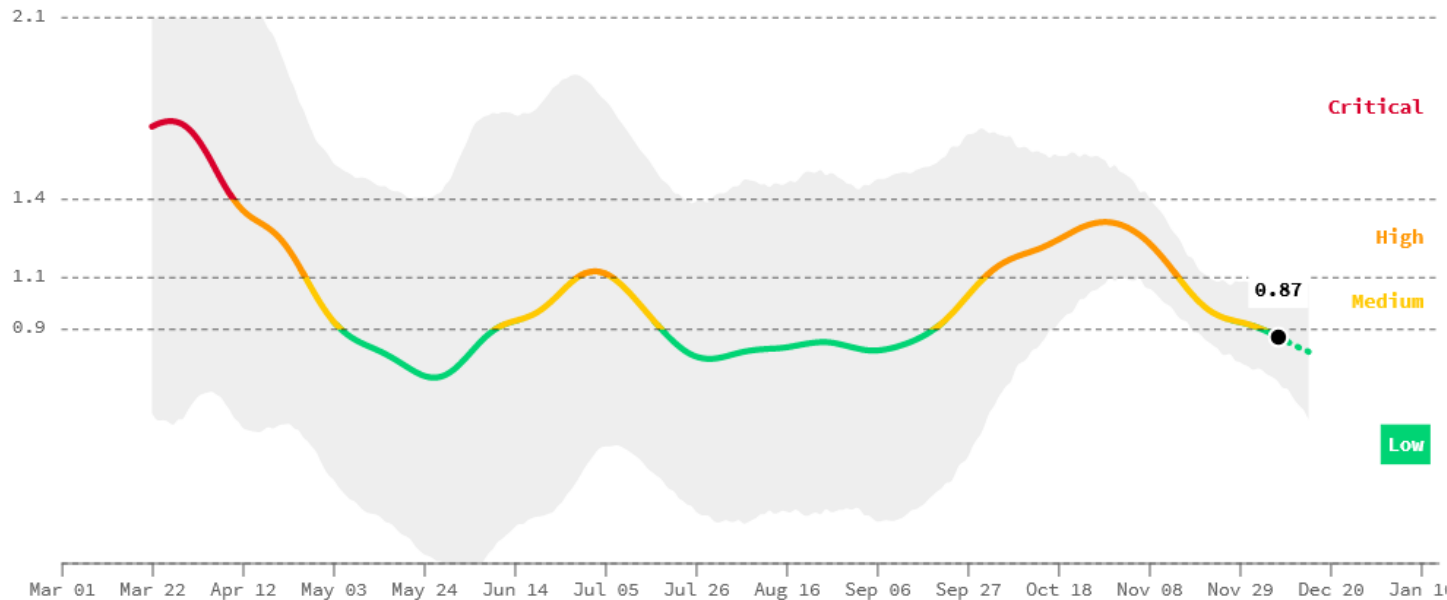
Last updated 12/16/2020. Each data point is a 14-day weighted average. We present the most recent seven days of data as a dashed line, as data is often revised by states several days after reporting. Learn more about [our methodology](#) and [our data sources](#).

Infection rate

ALLEGAN COUNTY, MICHIGAN

Save Share

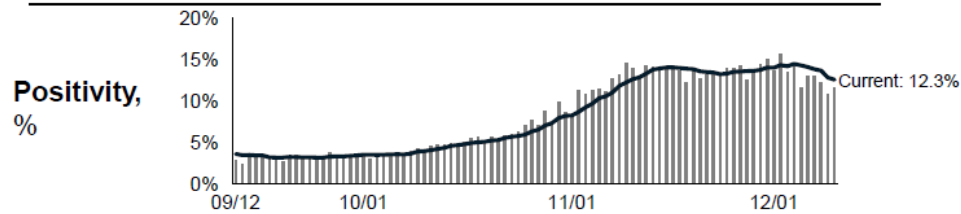
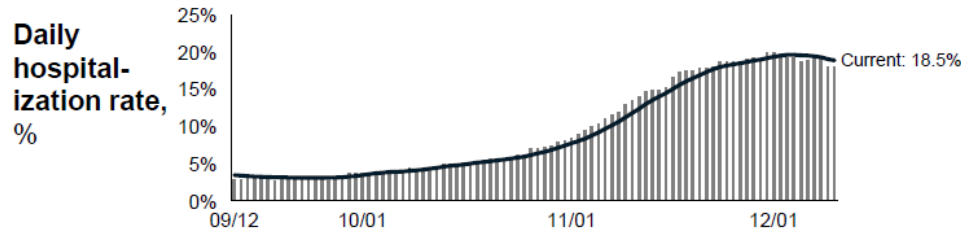
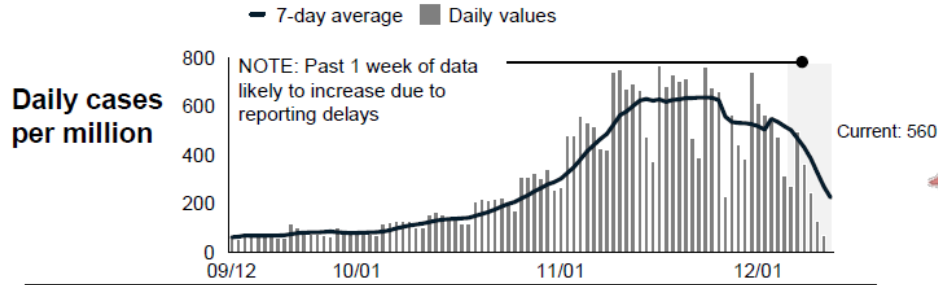
On average, each person in Allegan County, Michigan with COVID is infecting 0.87 other people. Because each person is infecting less than one other person, the total number of current cases in Allegan County, Michigan is shrinking.



Last updated 12/16/2020. Each data point is a 14-day weighted average. We present the most recent seven days of data as a dashed line, as data is often revised by states several days after reporting. Learn more about [our methodology](#) and [our data sources](#).

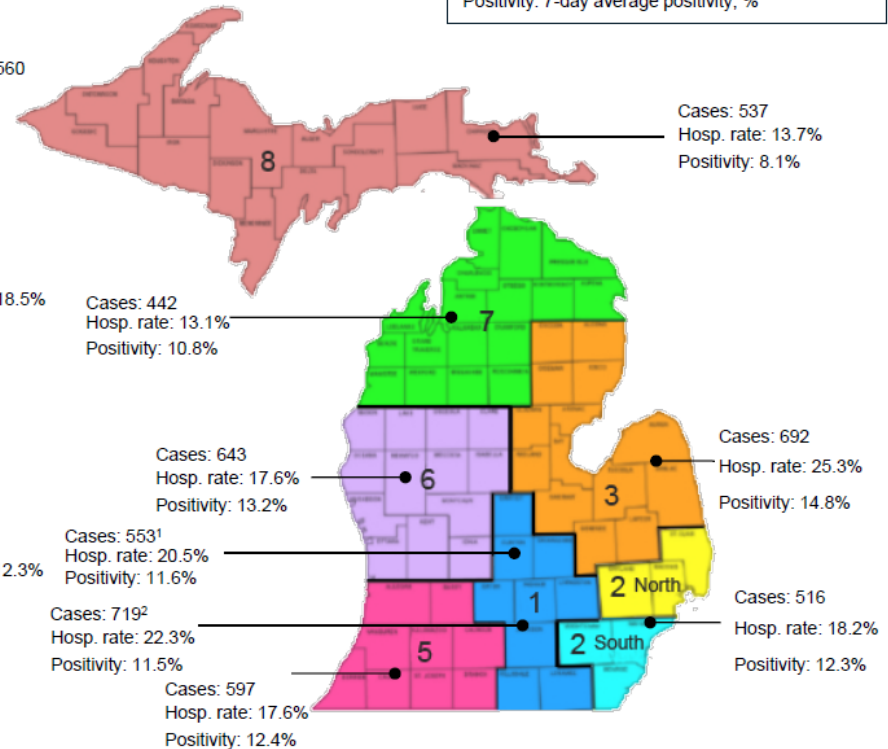
Recent statewide trends

Statewide trends



Regional breakdown: Cases, hospitalization rate, and positivity

Cases: 7-day average cases per million
 Hosp. rate: 7-day average hospitalization rate, %
 Positivity: 7-day average positivity, %



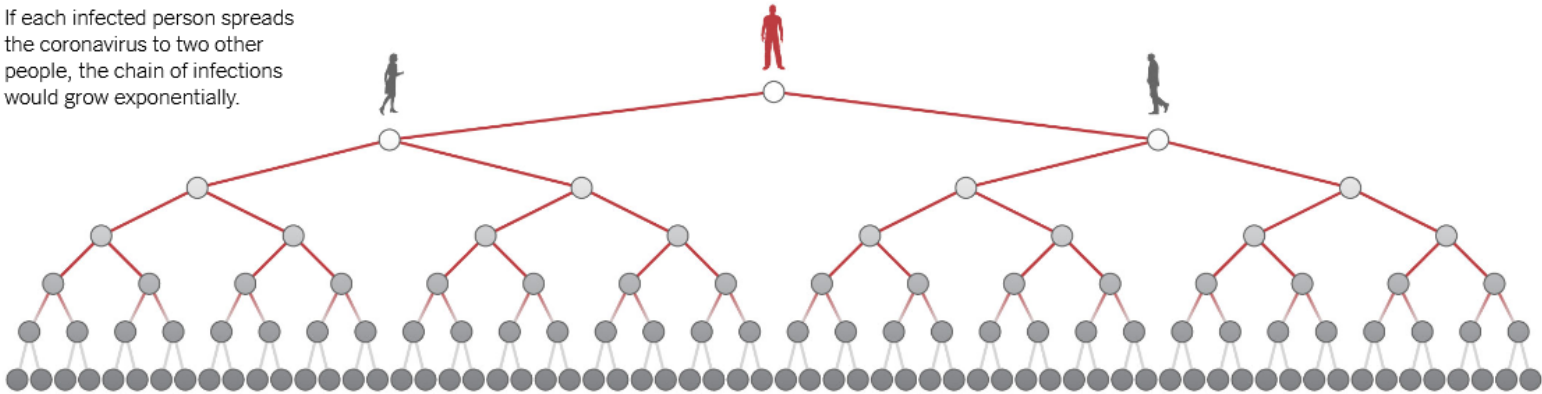
Source: <https://mistartmap.info/>

1. Represents Lansing portion of region 1
 2. Represents Jackson portion of region 1

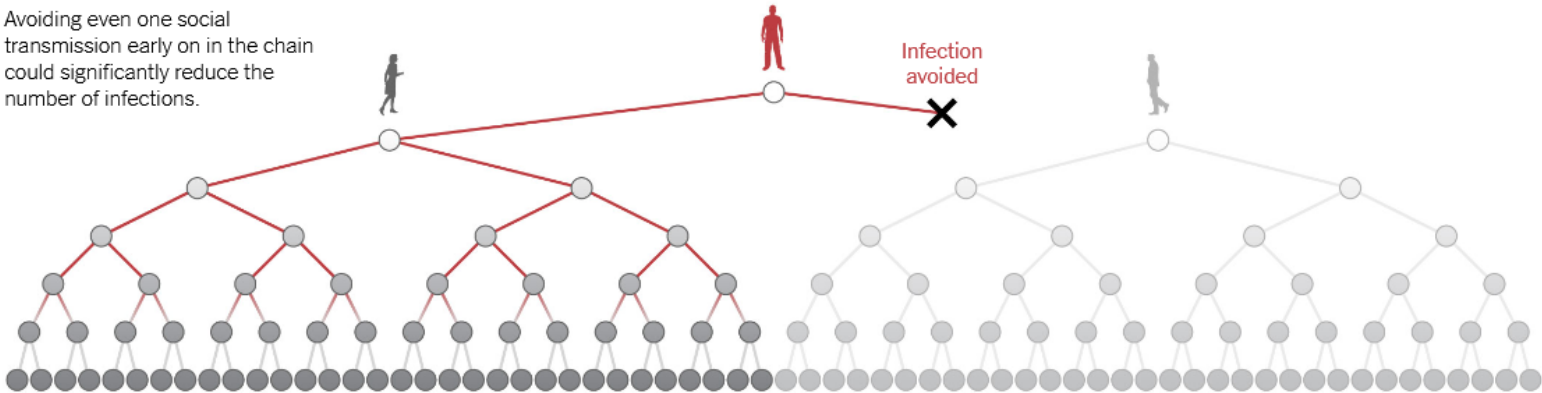
Cutting a Link in the Chain of Transmission

A simple tree diagram shows how limiting contacts early might prevent many infections.

If each infected person spreads the coronavirus to two other people, the chain of infections would grow exponentially.



Avoiding even one social transmission early on in the chain could significantly reduce the number of infections.



By Jonathan Corum

Source: [New York Times](#), "You Can Help Break the Chain of Transmission" published March 19, 2020. Image by Jonathan Corum

COVID-19 Mass Testing and Containment

MITIGATION ROADMAP



INCIDENT ACTION PLAN OBJECTIVES

1. Identify cases, isolate the sick, quarantine the exposed, and protect vulnerable populations

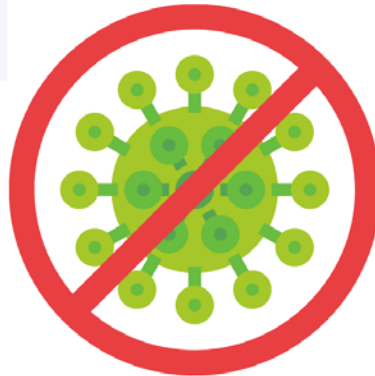
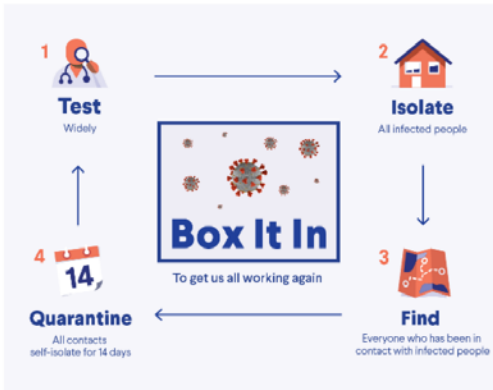
Provide information to the public, media, and County staff to increase public awareness, address misinformation, and protect the public and increase community resiliency
2. Prepare, mitigate, and recover from widespread transmission in Allegan County

STATE & LOCAL ORDERS

Michigan Public Health Code



EPIDEMIOLOGICAL MODEL





HEALTH Department

COVID- 19 Mitigation Strategies

Community Vaccination and/or Herd Immunity
Plan for clinics and evaluate whether protective measures (non-pharmaceutical interventions) can be lifted

Best Practices for Organizations
Face Coverings, Social Distancing, Environmental, Administrative Controls, Case and Contract Tracing and enforcement or orders as necessary.

Sufficient Health Care Capacity

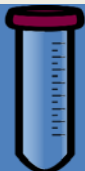
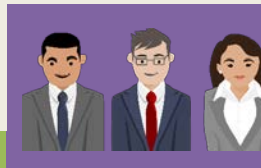
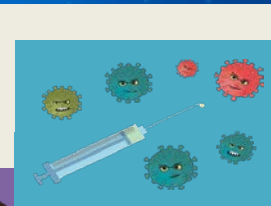
Ensure hospitals have resources to treat those with COVID-19 and non COVID-19 health care needs.

Robust Case Investigation and Contact Tracing

Foundation to containment of the virus until a vaccine is available. Case Investigation starts immediately and all contacts are attempted to be contacted and put on quarantine within 24 hrs. .

Enhanced Ability to Test

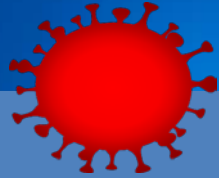
Testing congregate care (jails, nursing homes, etc.), community wide testing, and testing of communities of vulnerabilities, clusters and outbreaks.



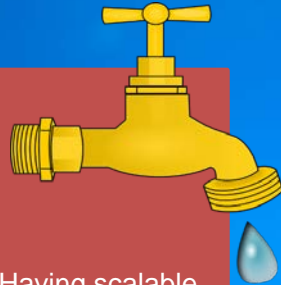


HEALTH Department

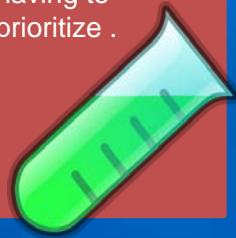
Challenges in Responding



It is a novel virus and guidance is ever changing. Keeping staff and community leaders and members updated as that guidance changes can be challenging.



Having scalable resources while still having to do other public health services. Constantly having to prioritize .



Timely Case investigation and contact tracing and getting people to understand the reason why it is so important to isolate/quarantine to disrupt the transmission.



Managing a response for a community that is incredibly divided on what the proper response should be.



Collaborate with a vast array of organizations within different sectors on mitigations measures and technical assistance as needed.

Enhanced Ability to Test

COVID-19 TESTING EVENT



FREE COVID-19 testing (not antibody test)

Available to individuals of any age, regardless of symptoms.

Individuals under the age of 18 will need parental/guardian consent.

No insurance needed | No doctor's note needed

Pre-register using the QR code below

(use your phone camera to scan the code)



Saturday, December 5 | 10:00am-1:00pm

Allegan County Transportation Building | 750 Airway Dr., Allegan

Saturday, December 19 | 10:00am-1:00pm

Allegan County Transportation Building | 750 Airway Dr., Allegan

****Offering no-cost flu vaccine for uninsured/ under-insured adults (19 years of age and older) at event.****

NOTICE: In the event of severe weather, ACHD will cancel testing events for the protection of staff and residents. Please check our Facebook page @AlleganCountyHD or call 269-686-4546 for any cancellation notices the day of the event.



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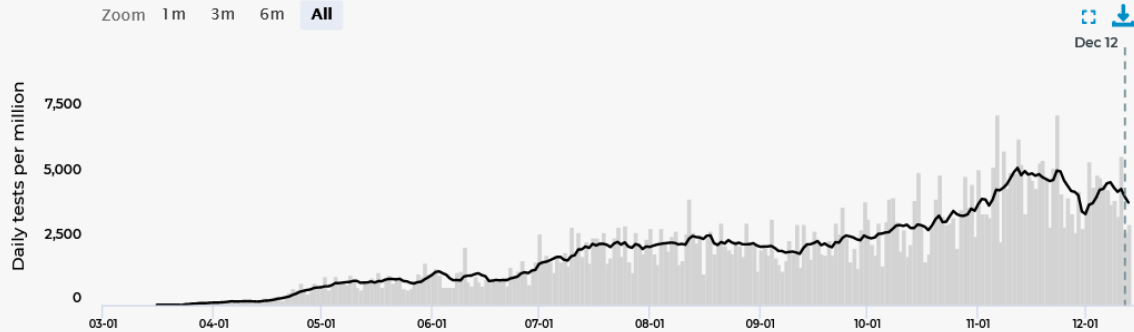
Tests

4.2k
daily per million *

484.9
daily tests
administered *

Daily tests per million

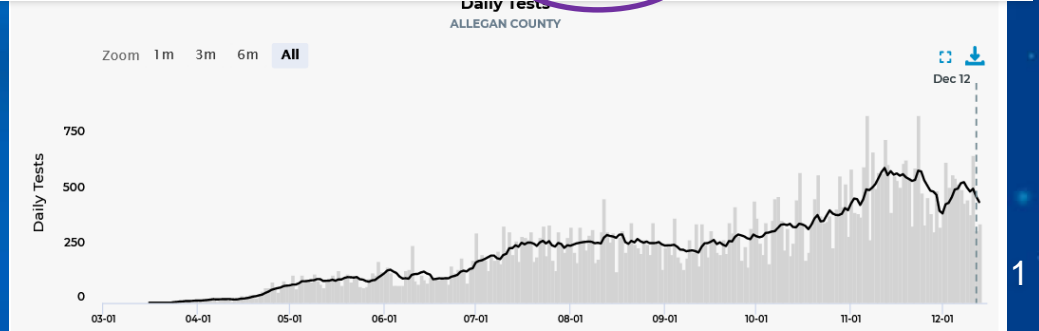
ALLEGAN COUNTY



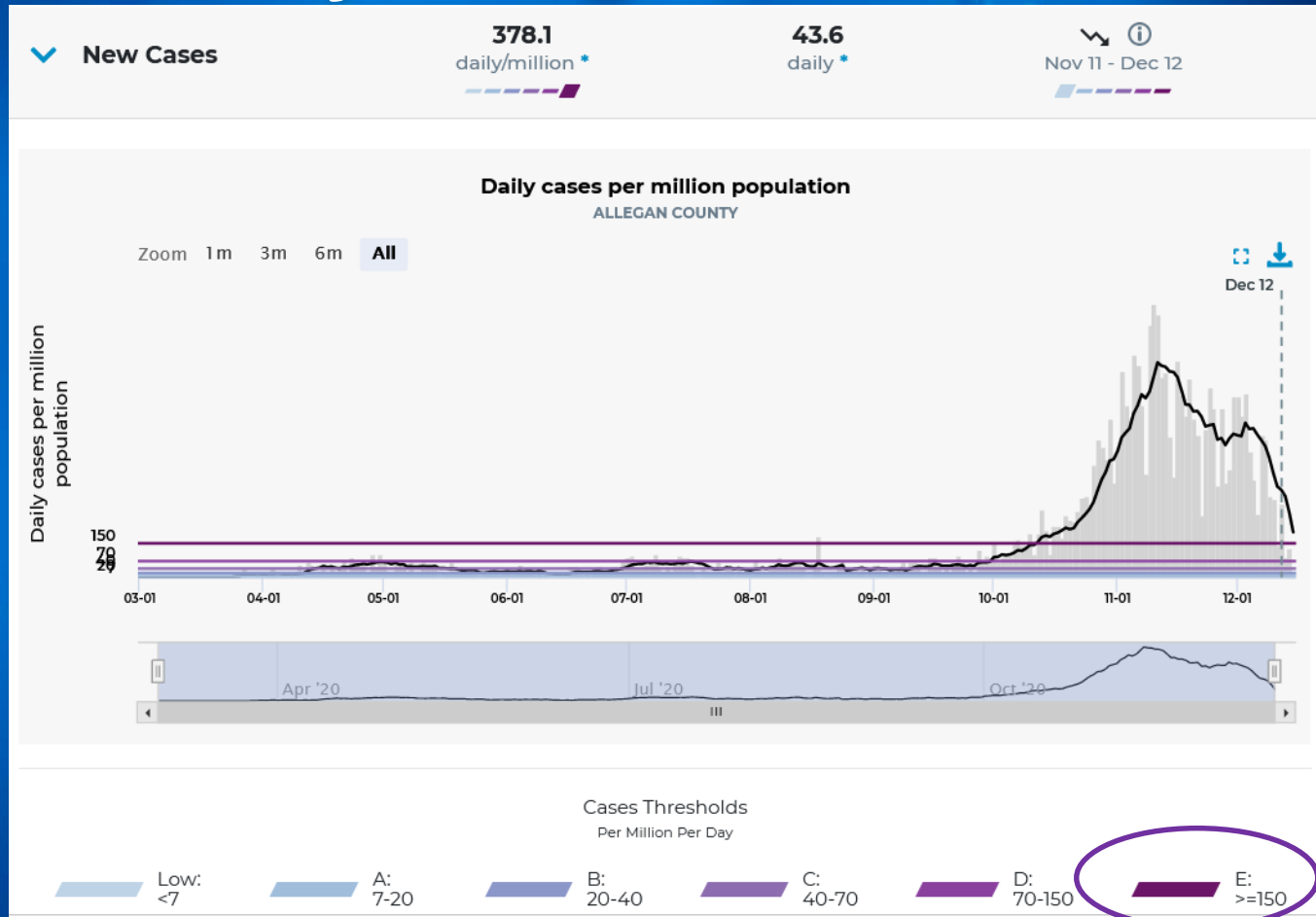
Data as of 12/12/20

▶ www.Michigan.gov/coronavirustest

Enhanced Ability to Test Allegran County, data as of 12/12/20



Alleghan County, New Cases (data as of 12/12/20)



Comparison with neighboring counties

Based on data from 12/8

Based on data from 12/13

Metrics Overview * Over previous 7 days

AREA	TYPE	REGION RISK LEVEL (DEC 15)	COUNTY RISK LEVEL (DEC 15)	DAILY CASES* (DEC 08)	DAILY CASES PER MIL.* (DEC 08)	CASES WEEKLY TREND (DEC 14)	DAILY TESTS* (DEC 13)	DAILY TESTS PER MIL.* (DEC 13)	% POSITIVE TESTS* (DEC 13)	TESTS WEEKLY TREND (DEC 08)	DEATHS (DEC 08)
Allegan	County	-----■	-----■	65.3	566.5 ■	↘ ↗	459.4	3,986.4 ↗	10.8% ■	↘ 1w ↗	0
Barry	County	-----■	-----■	23.7	394.9 ■	↘ ↗	195.6	3,256.4 ↗	11.1% ■	↘ 1w ↗	1
Kalamazoo	County	-----■	-----■	100.4	383.9 ■	↘ ↗	1,171.0	4,476.8 ↗	9.7% ↗	↘ 1w ↗	5
Kent	County	-----■	-----■	364.4	566.6 ■	↘ ↗	3,478.6	5,408.7 ↗	11.9% ■	↘ 1w ↗	5
Ottawa	County	-----■	-----■	185.9	654.3 ■	↘ ↗	1,524.3	5,366.6 ↗	11.6% ■	↘ 1w ↗	3
Van Buren	County	-----■	-----■	52.9	702.2 ■	↘ ↗	422.9	5,617.7 ↗	15.9% ■	↘ 1w ↗	1

Why do we share data on a per million level?

- ▶ As public health, we have to be able to compare “apples to apples” to understand not only what is happening in our area, but also areas surrounding us. It allows us to compare new cases per day in our area (prevalence of the virus in communities) to other communities with vastly different populations.
- ▶ # daily new cases / Allegan County population * 1,000,000,000
- ▶ Visit mistartmap.info for other scale breakdowns of local data.

WORKING TOGETHER TO CURB THE SPREAD



We need to work together to lessen the impact of COVID-19 on our community and economy, and also minimize the number of deaths related to the virus.

Everyone has a part to play.



IF YOU TEST POSITIVE FOR COVID-19



Start isolating right away. Stay home except for medical care. Let your employer know you have COVID-19.



Notify your close contacts so they can start to quarantine themselves.

- Close contacts = those who were within 6 feet for more than 15 minutes total in a 24 hour period, when the person was contagious.
- Contagious = starts 2 days before symptoms appear (or 2 days before positive test, if no symptoms), through the end of the isolation period.



Complete the ACHD self-reporting form based on your situation. Forms can be found on www.allegancounty.org/health

THE ALLEGAN COUNTY HEALTH DEPARTMENT WILL CONTACT:

Individuals who are 65 years and older, especially those with chronic underlying conditions

Individuals who are 22 years and younger, especially those attending school in-person

Individuals residing in congregate living environments, such as long-term care facilities



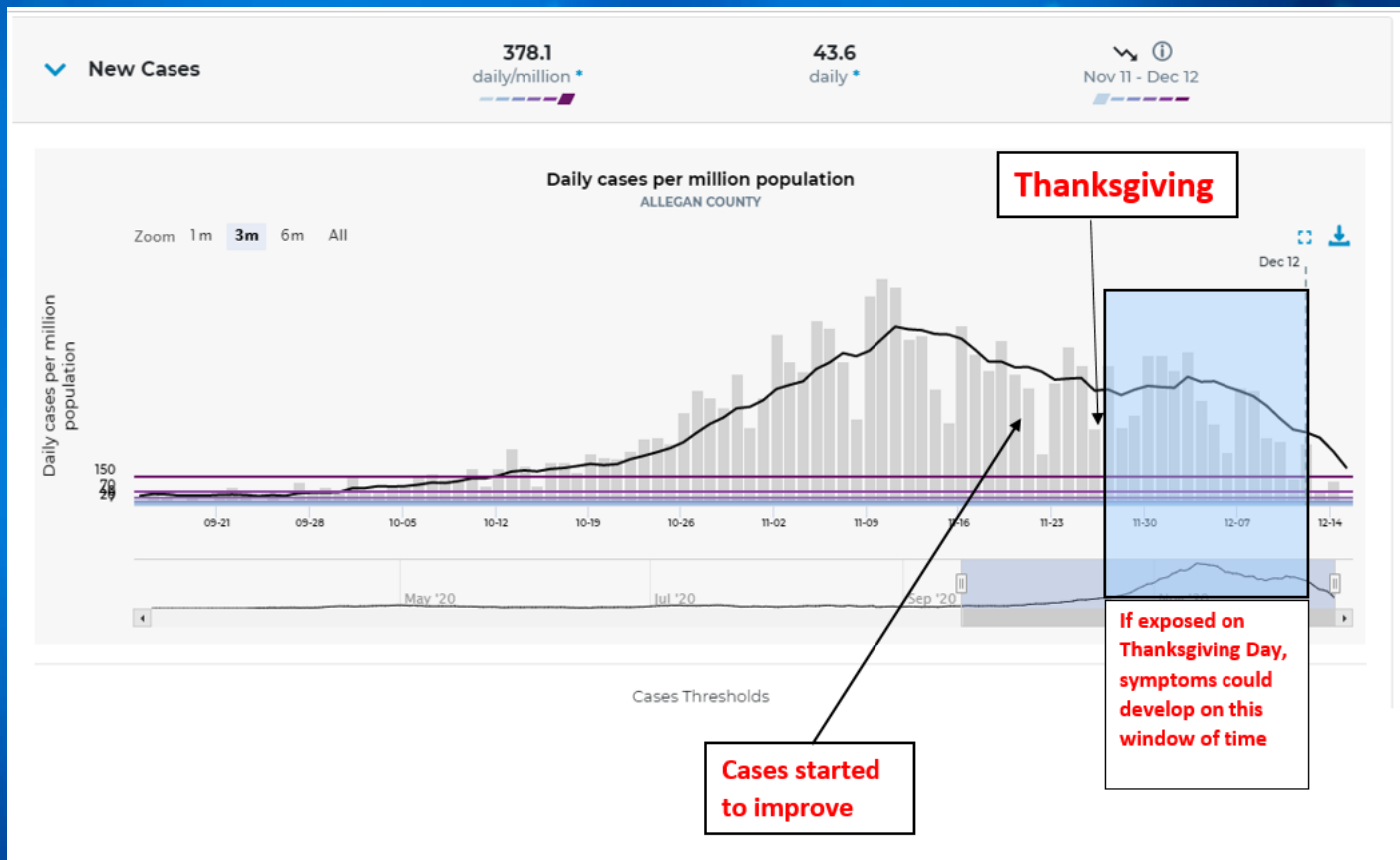
- ▶ If someone tests positive or has been recently exposed to the virus do NOT expect a call from the Health Department. Instead:
- ▶ If you receive a positive COVID-19 test result, isolate for a minimum of 10 days from the start of your symptom(s) or your positive test date if you didn't have symptoms. (<https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/isolation.html>)
- ▶ Notify your close contacts that they may have been exposed and encourage them to quarantine for 14 days from their last date of contact with you. (<https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/quarantine.html>)
- ▶ If you know you are a close contact, start self-quarantine.
- ▶ Complete the self-reporting form based on your situation:
 - ▶ If you test positive, complete this "I tested positive" form. If you have a known exposure, complete this "I have been exposed" form.

Case Rate Trends in Allegan County

- ▶ COVID-19 Cases Rates, Allegan County, September – December 2020

- ▶ Source:

mystartmap.info



Epidemiologic Information, Allegan County

Overall	Percent
Healthcare Worker	8.5%
Live or work in high-risk/congregate facility	9.7%
First Responder	1.2%
Other Essential Worker/Critical Infrastructure	17.1%
Healthcare Contact to confirmed care	0.9%
Community Contact to confirmed case	10.7%
Household Contact to confirmed case	15.5%
Total Cases: 5184	

Cases Reported in Past two weeks	Percent
In quarantine at time of onset/positive test	30.9%
Associated with known cluster/outbreak	8.0%
Any Contact to confirmed case	22.8%
Healthcare contact to confirmed case	0.9%
Community contact to confirmed case	6.7%
Household contact to confirmed case	15.7%
Attended Community Event/Mass Gathering	1.3%
Any Travel (international, domestic, in state)	3.2%
Source of Infection is unknown	28.1%
Number of cases reported in past 2 weeks: 982	

Data as of 12/16/2020. Source: Michigan Disease Surveillance System

Clinical Information

Asymptomatic Cases: 14.0%



Symptoms	Percent
Fatigue/Lethargy/Weakness	68.2%
Cough	64.6%
Fever	49.3%
Chills	44.5%
Shortness of Breath	21.7%
Difficulty Breathing	14.8%
Muscle Aches (Myalgia)	55.0%
Headaches	66.2%
Runny Nose	48.0%
Nausea	22.3%
Congestion	56.8%
Sore Throat	40.8%
Diarrhea	24.6%
Loss of taste	43.4%
Loss of smell	42.7%

Data as of 12/16/2020.

Source: Michigan Disease Surveillance System

Breakdown of Cases by School Age Categories

Total Case Count	5184
Number of Cases <18 years	528
% cases <18 years	10.2%

Data as of 12/16/2020.

Source: Michigan Disease Surveillance System

<u>Approximate Grade Level</u>	<u>Age</u>	<u>Case Count*</u>	<u>% total cases</u>	<u>% cases <18 years</u>
	0-2 years	44	0.8%	8.3%
Pre-K age	3-4 years	33	0.6%	6.3%
K-5th grade age	5-10 years	118	2.3%	22.3%
6-8th grade age	11-13 years	100	1.9%	18.9%
9-12th grade age	14-17 years	233	4.5%	44.1%

**Case counts are based on case ages, which have been grouped into approximate grade levels. These counts may not reflect the actual grade level of cases.*

To prevent double-counting

Case count by age, data from 12/2/2020 to 12/16/2020 (2 weeks)

0-2 years	3-4 years	5-10 years	11-13 years	14-17 years
9	4	27	16	40

CDC updated Quarantine Guidance:

<https://www.cdc.gov/coronavirus/2019-ncov/more/scientific-brief-options-to-reduce-quarantine.html>

Public Act 238 and Michigan Occupational Safety and Health Administration emergency rules include restrictions on when employers may permit employees with known or suspected cases of COVID-19 to return to work, and employers should continue to refer to those sources when determining when employees may return to work.

QUARANTINE GUIDANCE UPDATE



The Centers for Disease Control and Prevention (CDC) announced today that the quarantine guidelines have been updated. Quarantine was previously a period of 14 days after exposure to a COVID-19 + person. The new updated guidance suggests that the **quarantine period be shortened to 10 days instead of 14.**

Based on new research and to help reduce the burden on the public, **quarantine can end after 10 days without a test.**

Quarantine may end after 7 days with a negative test - you must complete 7 days minimum. A test can be completed 48 hours prior to day 7, but you must complete the 7 days.

If you don't receive tests results by day 7, you must continue to quarantine until day 10.

* if you are COVID-19 positive, isolation remains 10 days.



Sufficient Health Care Capacity

Statewide Hospital Capacity Report for COVID-19* 12/15/2020**

	Hospital Beds	Adult Hospital Beds	Hospital Inpatient Beds	Hospital Inpatient Bed Occupancy	Adult Hospital Inpatient Beds	Adult Hospital Inpatient Bed Occupancy	ICU Beds	ICU Bed Occupancy	Adult ICU Beds	Adult ICU Bed Occupancy	Total Ventilators	Mechanical Ventilators in use
Region 5	1,554	1,440	1,348	1,121	1,318	1,101	191	127	152	121	307	75

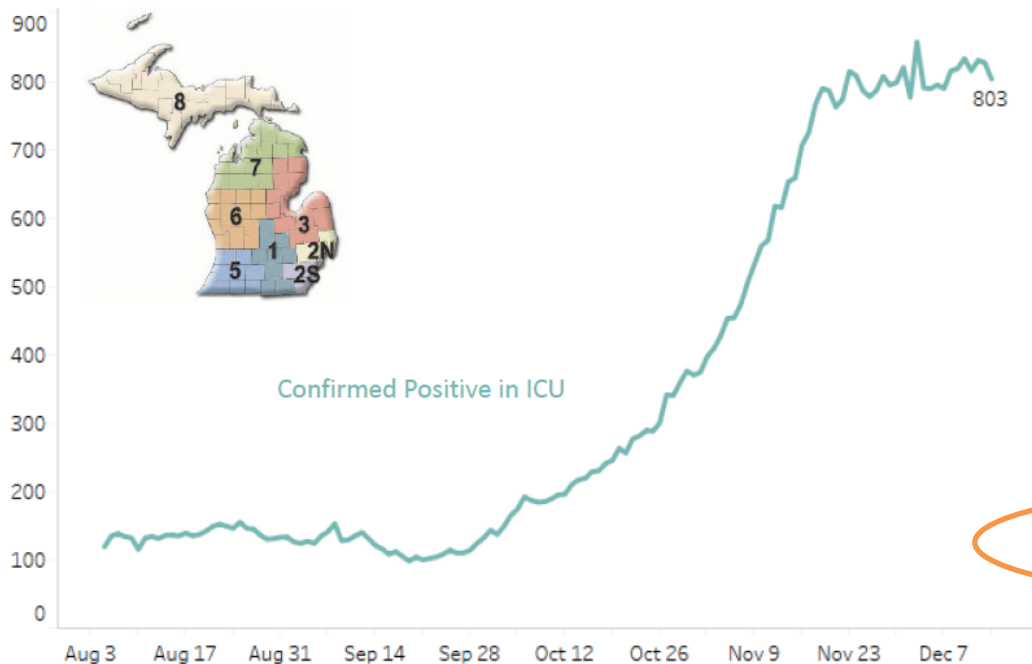
COVID-19 Metrics 12/15/2020, by HCC Region

HCC Region	Region 5
Total Hospitalized Adult Suspected/Confirmed	249
Adult Confirmed-Positive COVID	244
Hospitalized Peds Confirmed/Suspected	0
Hospitalized Ped Confirmed-Positive	0
Hospitalized and Ventilated COVID	21
Adult ICU Confirmed/Suspected COVID	40
ICU Adult Confirmed-Positive COVID	39
Prev Day COVID Related ED Visits	145



Statewide Hospitalization Trends: ICU COVID+ Census

Hospitalization Trends 8/1/2020 – 12/14/2020
Confirmed Positive in ICUs



Overall COVID+ census in ICUs has been flat over the past 3 weeks and ~30% of Adult ICU Beds.

Regions 1, 2N, 2S, 7 show some modest growth in ICU census vs. week prior

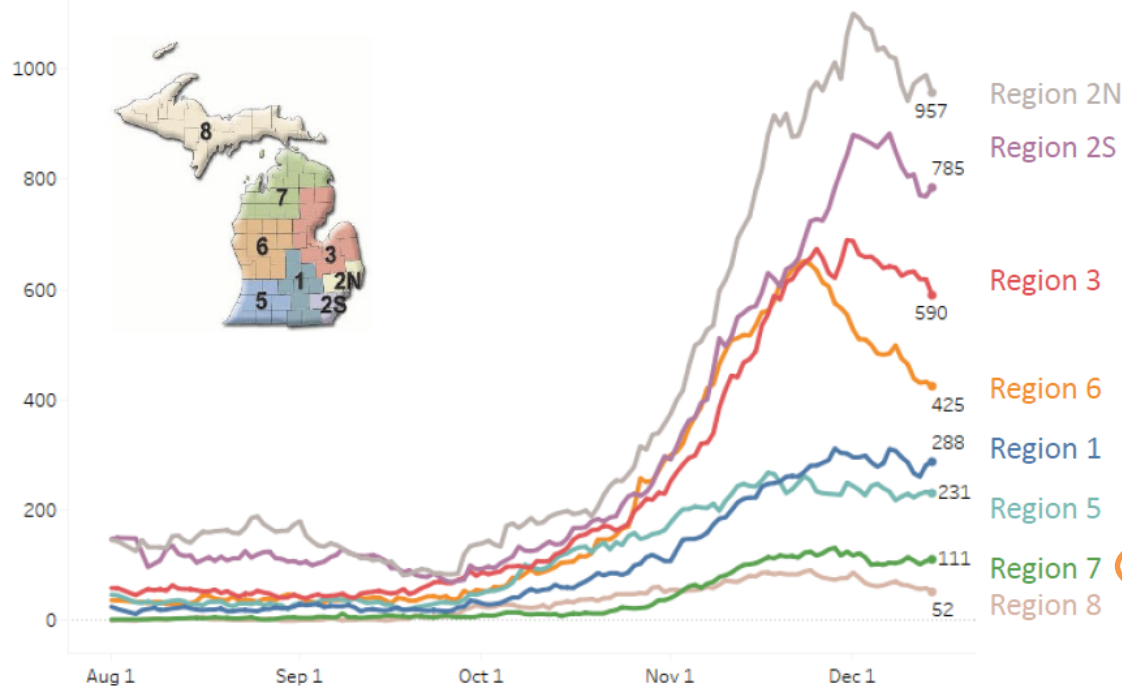
4/8 regions continue to have >30% of beds occupied with COVID patients

Region	Adult COVID+ in ICU (% Δ from last week)	Adult ICU Occupancy	% of Adult ICU beds COVID+
Region 1	76 (+10%)	93%	39%
Region 2N	176 (+12%)	84%	33%
Region 2S	205 (+7%)	86%	27%
Region 3	146 (-7%)	94%	39%
Region 5	36 (-18%)	86%	24%
Region 6	100 (-6%)	76%	31%
Region 7	50 (+14%)	73%	27%
Region 8	14 (-33%)	69%	24%

Hospital bed capacity updated as of 12/11

Statewide Hospitalization Trends: Regional COVID+ Census

Hospitalization Trends 8/1/2020 – 12/14/2020
Confirmed Positive by Region



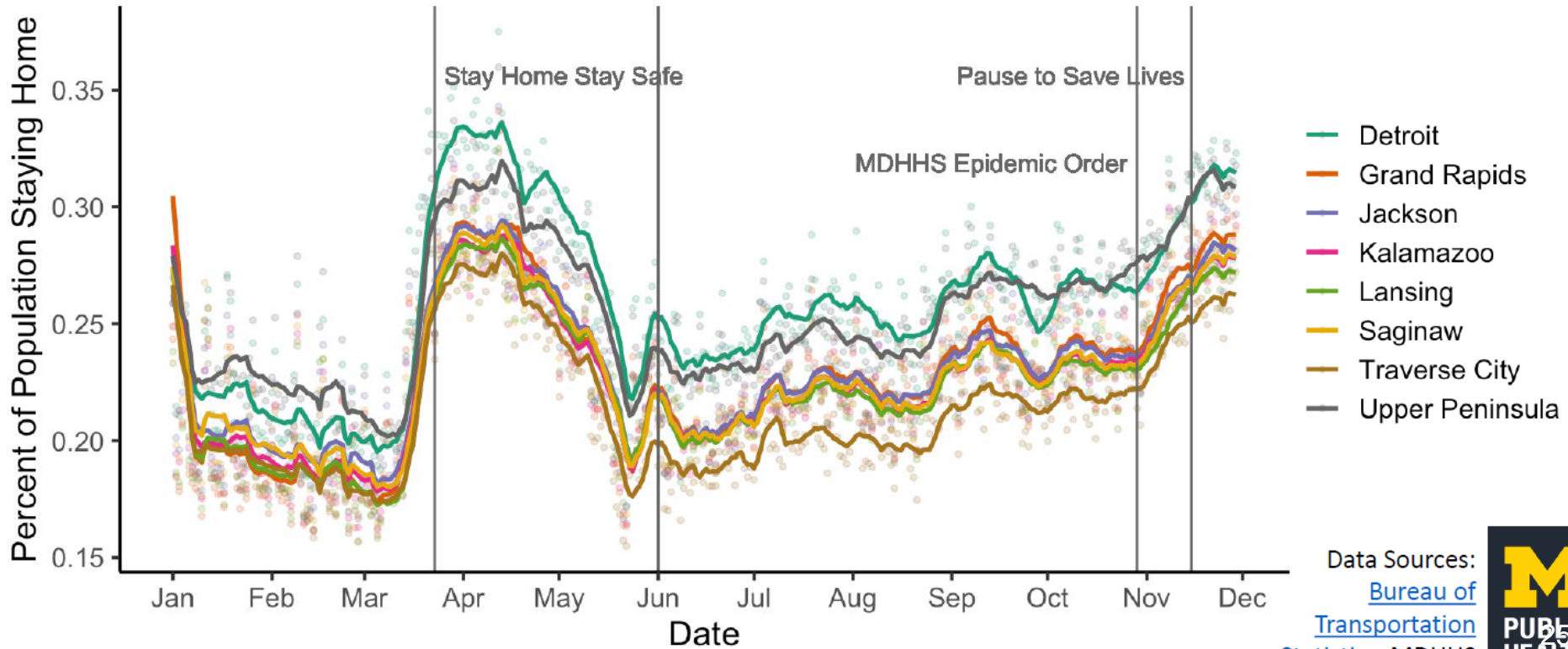
Only Region 7 shows growth in COVID+ hospital census from last week. All other regions show decreasing rates with Region 8 showing the biggest percentage decrease.

Regions 2N and 3 remain the most impacted on a population adjusted basis.

Region	Growth from Last Week	COVID+ Hospitalizations / MM
Region 1	-7%	266/M
Region 2N	-6%	432/M
Region 2S	-11%	352/M
Region 3	-8%	520/M
Region 5	-1%	242/M
Region 6	-12%	290/M
Region 7	6%	222/M
Region 8	-24%	167/M

Best Practices for Organizations

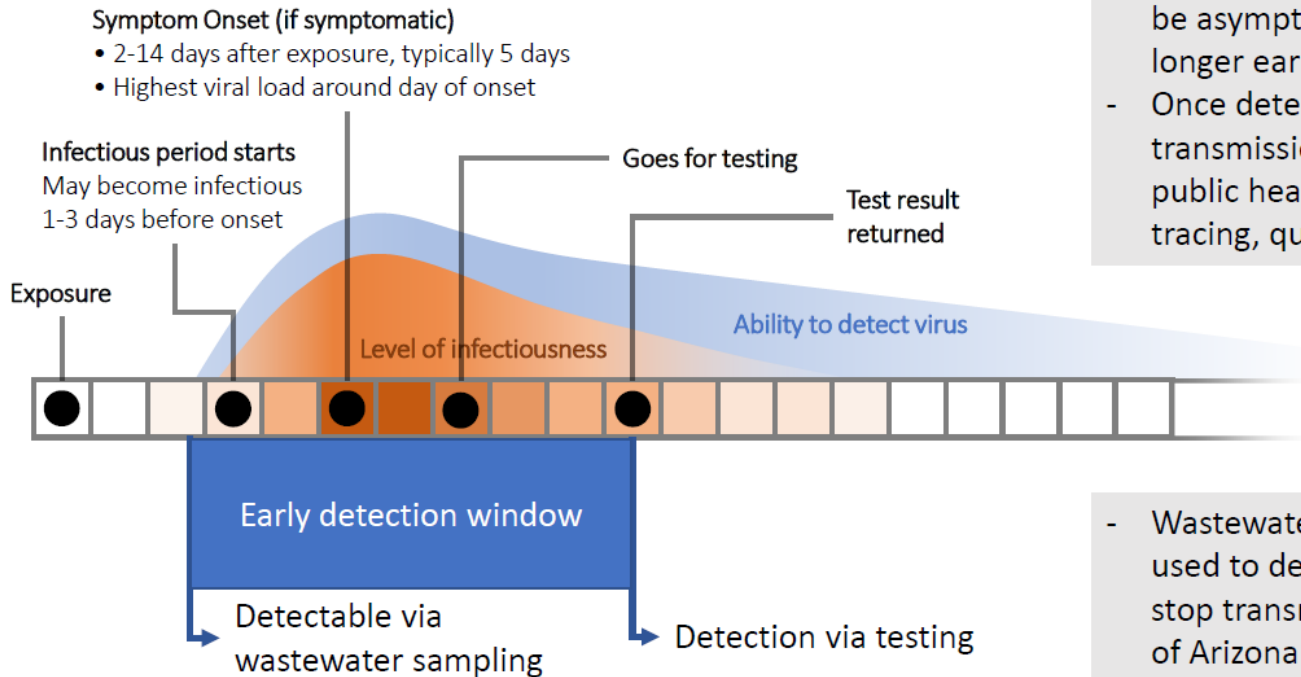
Regional patterns in percent staying home



Data Sources:
[Bureau of Transportation Statistics](#), MDHHS



Wastewater sampling can detect clusters early



- Up to 45% of campus cases may be asymptomatic [1], leading to a longer early detection window
- Once detected, stop further transmission through expanded public health efforts: testing, tracing, quarantine, and isolation

- Wastewater sampling has been used to detect, intervene and stop transmission—e.g. University of Arizona [2]

COVID-19 Immunity

▶ Vaccine

- ▶ COVID-19 vaccination will help protect you by creating an antibody response without having to experience sickness.



▶ Infection acquired

- ▶ Unclear whether clinically recovered patients acquire the protective immunity from re-infection.
- ▶ Some cases of re-infection of COVID-19



Community Vaccination and/or Herd Immunity

How a new vaccine is developed, approved and manufactured



The Food and Drug Administration (FDA) sets rules for the three phases of clinical trials to ensure the safety of the volunteers. Researchers test vaccines with adults first.

Phase 1

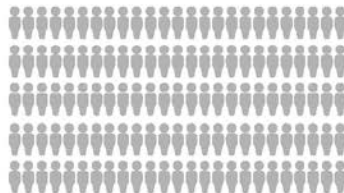


20-100
healthy volunteers



- Is this vaccine safe?
- Does this vaccine seem to work?
- Are there any serious side effects?
- How is the size of the dose related to the side effects?

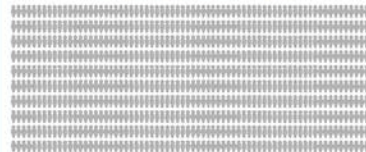
Phase 2



Several hundred
volunteers

- What are the most common short-term side effects?
- How are the volunteers' immune systems responding to the vaccine?

Phase 3



Hundreds of thousands
of volunteers

- How do people who get the vaccine and people who do not get the vaccine compare?
- Is the vaccine safe?
- Is the vaccine effective?
- What are the most common side effects?

FDA licenses the vaccine only if:

- It's safe and effective
- Benefits outweigh risks

Vaccines are made in batches called lots.



Manufacturers must test all lots to make sure they are safe, pure and potent. The lots can only be released once FDA reviews their safety and quality.

The FDA inspects manufacturing facilities regularly to ensure quality and safety.

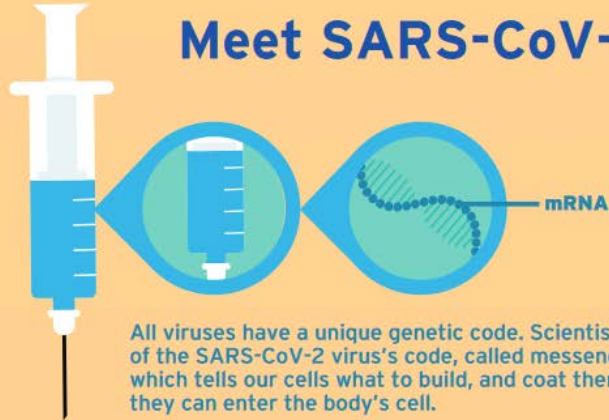


For more information, visit [FDA.gov/CBER](https://www.fda.gov/CBER)

www.Michigan.gov/COVIDVaccine
www.vaccinateWestMI.com

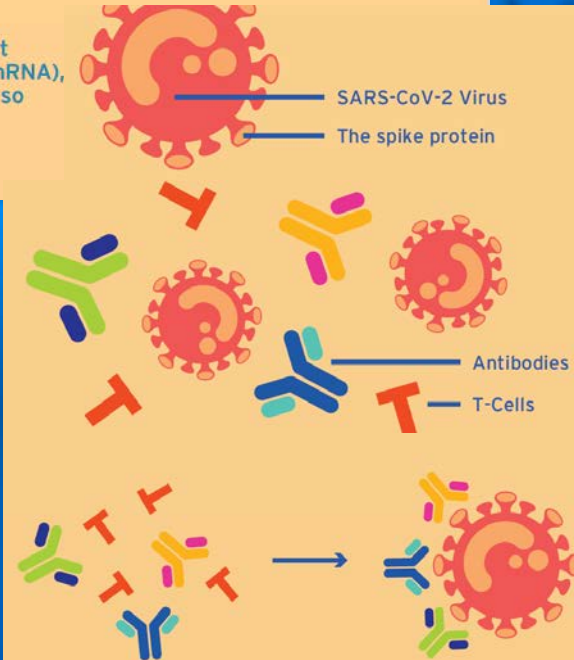
How mRNA vaccines work

Meet SARS-CoV-2



All viruses have a unique genetic code. Scientists take part of the SARS-CoV-2 virus's code, called messenger RNA (mRNA), which tells our cells what to build, and coat them in a lipid so they can enter the body's cell.

This is injected into the patient.



CREATE

The mRNA tells the cells to make a specific part of the SARS-CoV-2 virus: the spike protein.

LEARN

The immune system then produces antibodies and activates T-cells to destroy the spike proteins.

PROTECT

If you are exposed to the virus in the future, your immune system will quickly recognize the spike protein and has the antibodies and T-cells ready to begin destroying the virus.

EOC Annexes received survey on Friday, December 11 to quickly identify how many individuals would get the vaccine and if they are hesitant, what information they would like to know

- ▶ 1,238 responses received thus far (as of 12/16)
 - ▶ 50% of respondents plan to get the vaccine once available to them
 - ▶ 27% of respondents are still deciding and would like more information
 - ▶ 22% of respondents say they do not plan to get vaccine

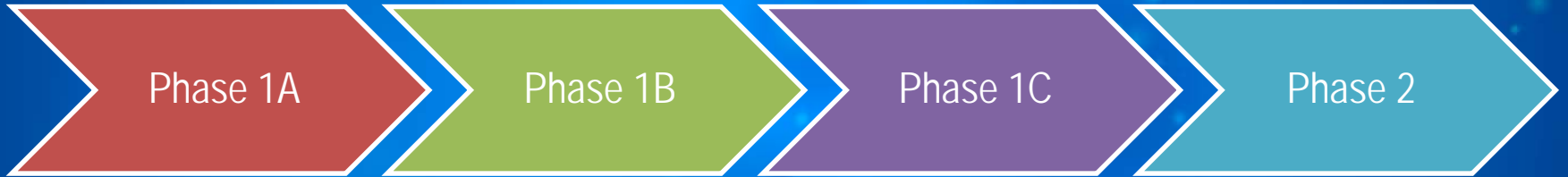
Themes emerging from survey

- ▶ Long-term and short-term side effects of the vaccine
- ▶ Safety and efficacy of vaccine
- ▶ How long the vaccine will last
- ▶ Want to wait for other people to take it first
- ▶ Fertility and pregnancy concerns

Next Steps

- ▶ While we have insight on a few groups within the EOC Annex, we'd like to gain other critical infrastructure insight
- ▶ If you have not filled out the survey, and fall in the 1A or 1B groups:
https://allegancounty.iad1.qualtrics.com/jfe/form/SV_5ssO25NxceJBvNP
- ▶ General population survey for priority groups under development

MICHIGAN VACCINATION PHASES AND PRIORITY GROUPS





Phase 1A

PHASE 1A: Paid and unpaid persons serving in healthcare settings who have the potential for direct or indirect exposure to patients or infectious materials and are unable to work from home as well as residents in long term care facilities.

1A Priority One: Keep critical health care infrastructure open and functioning (i.e., hospitals, critical care units, and emergency medical response systems) through vaccination of staff who perform direct patient care and work in critical areas including:

- ▶ Group A: Emergency medical service providers, including medical first responders
- ▶ Group B: General medical floor
- ▶ Group C: Emergency department
- ▶ Group D: Intensive care units

1A Priority Two: Prevent outbreaks and protect residents in long-term care facilities.

- ▶ **Group A: Vaccinate workers who have direct contact with large number of vulnerable residents. Note this would include staff who come in and out of the buildings**
 - ▶ Skilled nursing facility staff
 - ▶ Psychiatric hospital staff
 - ▶ Homes for aged staff
 - ▶ Adult foster care centers staff
 - ▶ Assisted living facility staff
 - ▶ Home health care workers caring for high risk clients with large patient loads
- ▶ **Group B: Vaccinate vulnerable residents in long-term care facilities**
 - ▶ Skilled nursing facility residents
 - ▶ Psychiatric hospital patients
 - ▶ Homes for aged residents
 - ▶ Adult foster care centers residents
 - ▶ Assisted living facility residents

1A Priority Three: Keep necessary health care infrastructure functioning

- ▶ Group A: Vaccinate workers with direct patient contact who conduct high risk procedures (e.g., dentists, endoscopy, dialysis).
- ▶ Group B: Vaccinate other workers who have direct patient contact, including outpatient, urgent care, ambulatory care, and home health care.
- ▶ Group C: Vaccinate workers who have indirect patient contact with specialized skills critical to health care system functioning (e.g. hospital and public health laboratories, pharmacy).



Phase 1B

PHASE 1B: Other essential workers who keep critical infrastructure open and functioning.

MDHHS will consider the Critical Infrastructure Protection (CIP) Program as well as continuity of operations plans in prioritization. MDHHS also will prioritize the essential role of staff providing education and care to children and staff working in congregate settings other than long term care.

- ▶ K-12 school and childcare staff with direct contact with children
- ▶ Some workers in 16 sectors of Critical Infrastructure Protection Program, including Chemical; Communications; Dams; Emergency Services; Financial Services; Government Facilities; Information Technology; Transportation Systems; Energy; Food and Agriculture; Healthcare and Public Health; Nuclear Reactors, Materials and Waste; and Water and Wastewater Systems
- ▶ Staff in homeless shelters, corrections facilities (prisons, jails, juvenile justice facilities), congregate childcare institutions, and adult and child protective services
- ▶ Workers with unique skill sets not covered above, such as non-hospital laboratories and mortuary services.



Phase 1C

PHASE 1C: Individuals at high risk of severe illness due to COVID-19 infection.

Phase 1C

- ▶ Group A: Individuals age 65 years and older
- ▶ Group B: Individuals 16-64 years with COPD, hypertension, chronic kidney disease, heart disease, diabetes, obesity or other conditions that puts them at high risk of negative COVID-19 outcome



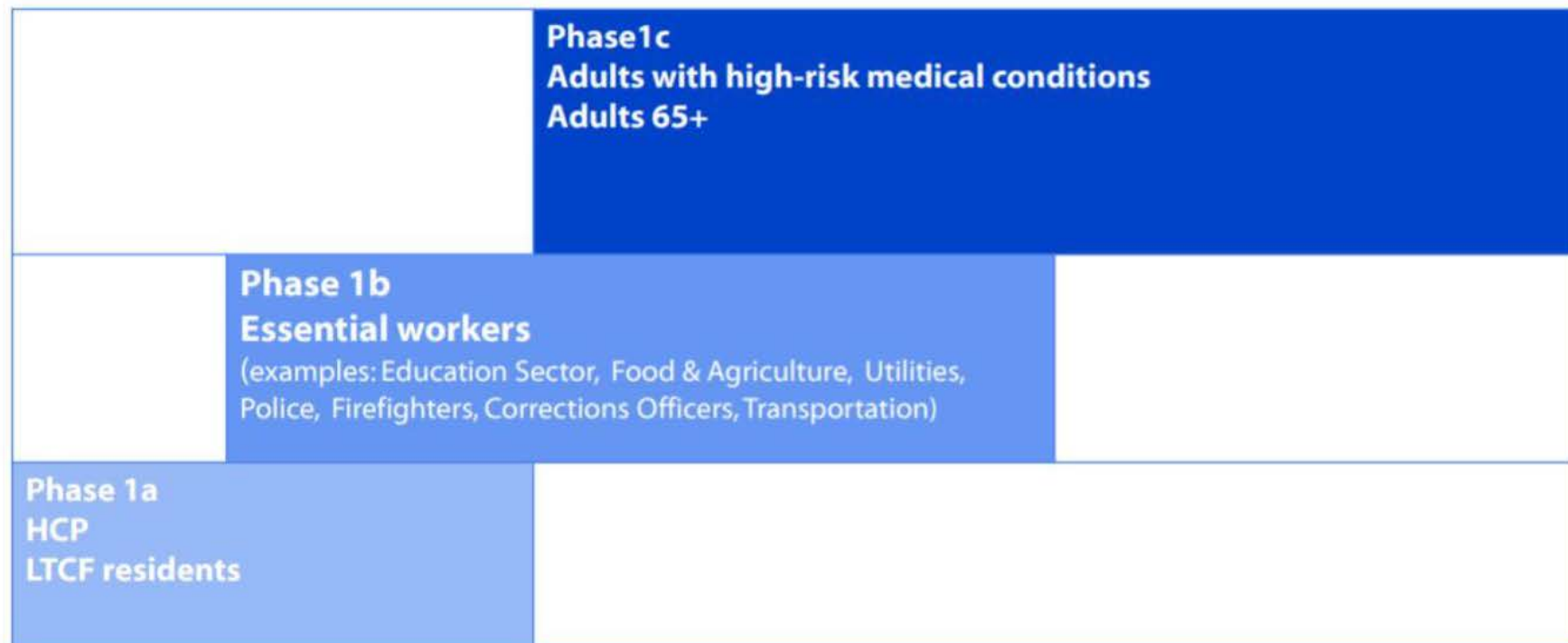
Phase 2

**PHASE 2: Individuals 16
years of age or older.**

Phase 2

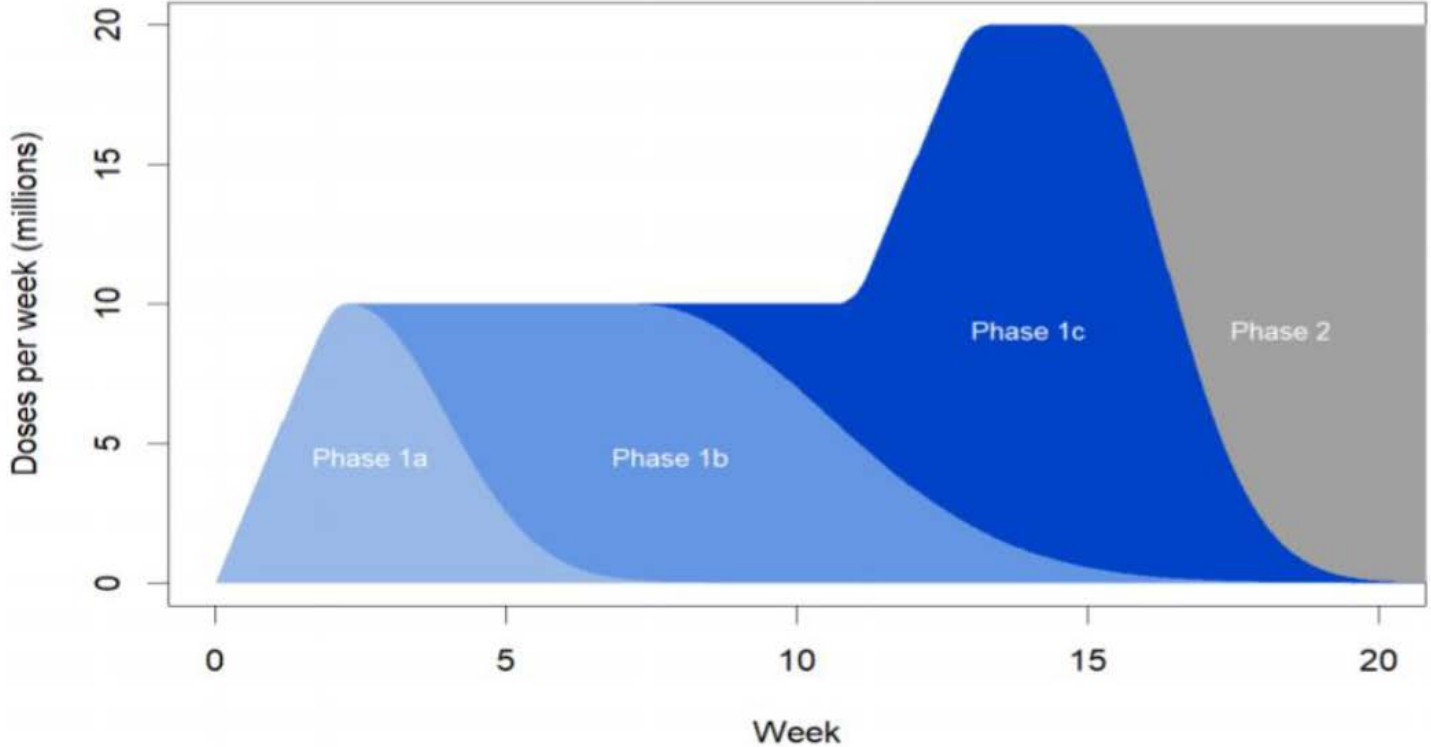
- ▶ All individuals who did not otherwise fit into the earlier groups for whom the vaccine is recommended

Proposed Interim Phase 1 Sequence



Time

Example of a possible Phase 1 sequence



Next Steps

- ▶ Most likely receiving Moderna vaccine
- ▶ Public Health responsible for vaccinating:
 - ▶ EMS
 - ▶ Dentists, hygienists
 - ▶ Other high risk health providers, i.e. dialysis, etc.
- ▶ Clinics for group 1A will begin around last week of December/ first week of January
- ▶ Public Health connecting with essential worker businesses in county to get point of contact

Allegan County Communications Strategy

- ▶ Vaccine Communications Taskforce met last week.
 - ▶ Please email Imaunz@allegancounty.org if interested in joining.
- ▶ Joined West MI Vaccine Communications Collaborative
 - ▶ www.vaccinatewestmi.com
- ▶ Developing strategic communications plan

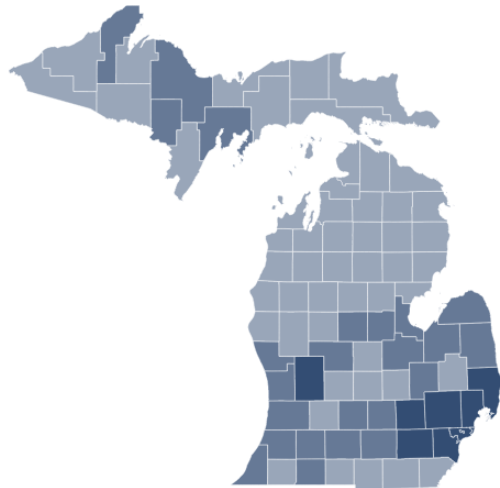
COVID-19 Vaccine Dashboard

Enrolled Providers	Vaccines Shipped	Doses Administered	Doses by Vaccine	Learn More
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COVID Vaccination Program Enrolled Providers

Based on data reported to Michigan's immunization registry, the Michigan Care Improvement Registry. List of Providers enrolled in COVID Vaccination Program will be updated every Friday.

Number Of Providers By Practice Type Enrolled In COVID Vaccination Program



- # Sites
- 1 or 2 sites
 - 3-5 sites
 - 6-32 sites

To find the location of a COVID Vaccine Clinic, go to: <https://vaccinefinder.org/>

COVID Preparedness Region

All

Local Health Department

All

Provider Facility Type

All

County

All

Michigan

Data as of :

Monday, December 14, 2020

Enrolled Provider Sites In COVID Vaccination Program

297

Microsoft Power BI

< 1 of 5 >





Michigan Flu Focus

Weekly Influenza Surveillance Report

December 11, 2020

Vol. 18; No. 10

Week Ending December 5, 2020 | WEEK 49

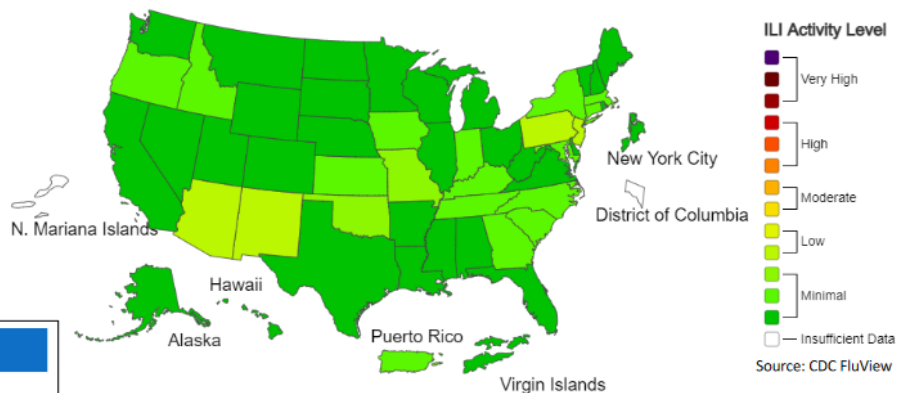
Editor: Sue Kim

Editor email: KimS2@michigan.gov

Data provided in this report are preliminary and will be updated as additional data is received

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet

2020-21 Influenza Season Week 49 ending Dec 05, 2020



Note: This graph represents U.S. ILI activity levels reported to ILINet. Geographic spread of influenza has been suspended for the 2020-2021 influenza season

Updates of Interest

Seasonal influenza activity in the United States remains lower than usual for this time of year.

Please see the following link to CDC's FluView report for more details:

<https://www.cdc.gov/flu/weekly/>

Influenza-associated Pediatric Mortality

Nationally, one (1) influenza-associated pediatric death has been reported thus far for the 2020-2021 flu season.

No (0) pediatric deaths have been confirmed by MDHHS for the 2020-2021 flu season.

FLU CLINICS

Free Flu Vaccines for anyone 6 months and older without insurance or with insurance that does not cover vaccines



3255 122nd Ave., Suite 200, Allegan

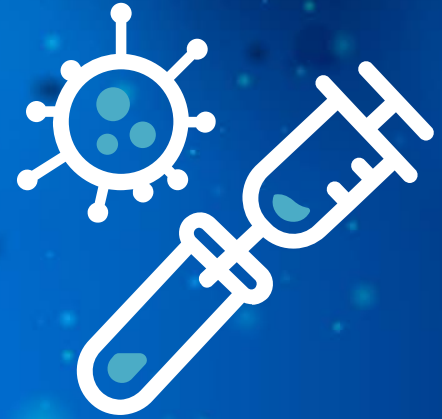
- Thursday, December 3rd from 1:00pm to 4:00pm
- Thursday, December 10th from 9:00am to 12:00pm and 1:00pm to 4:00pm
- Thursday, December 17th from 9:00am to 12:00pm and 1:00pm to 4:00pm



HEALTH
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**To make an appointment,
call (269) 673-5526**

ACHD Hotline: (269) 686-4546



Email: COVID-19@allegancounty.org



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