

COVID-19 Update

October 7, 2020

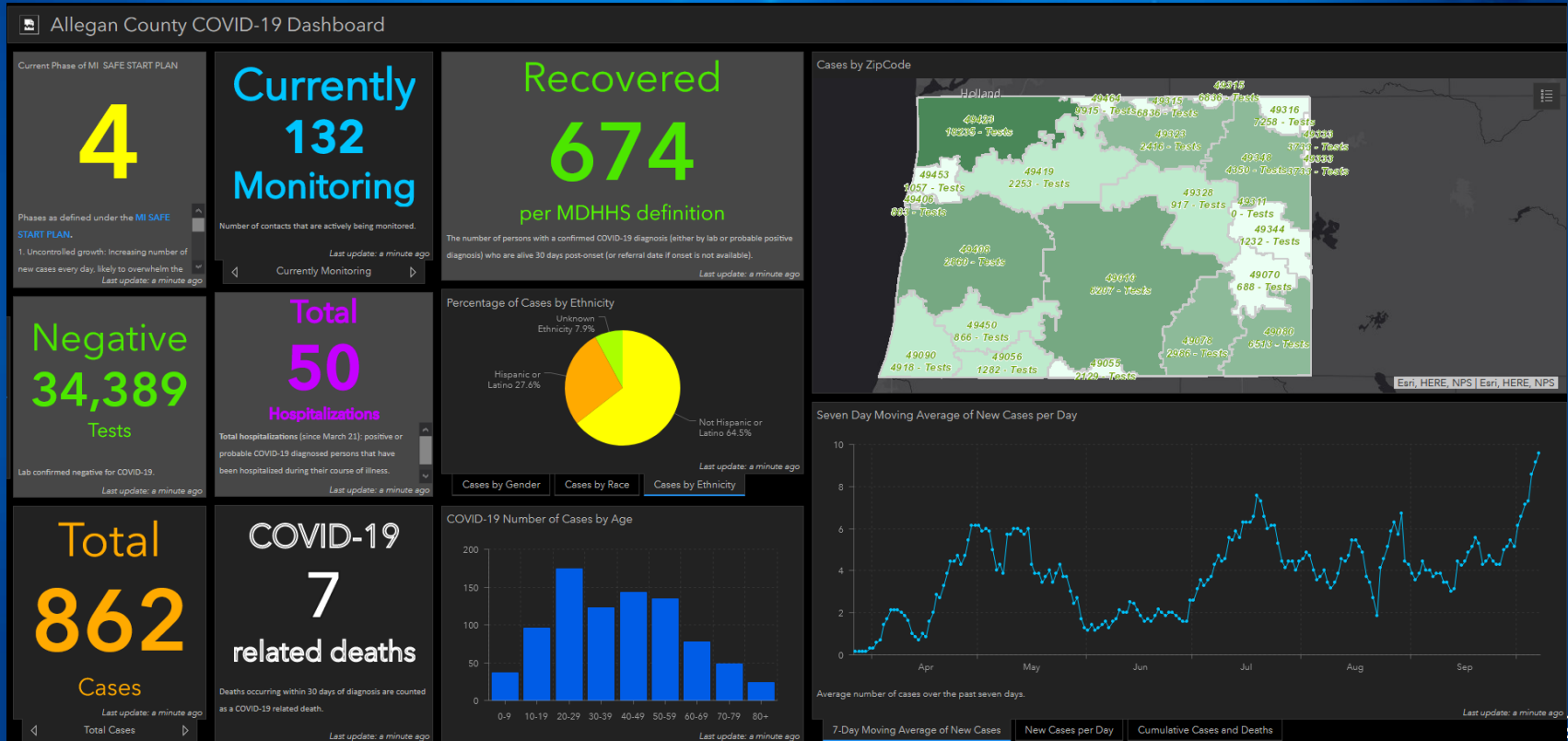


HEALTH
Department

Allegan County COVID-19 Dashboard

data as of 10/7/20 at 2pm

<http://alleganco.maps.arcgis.com/apps/opdashboard/index.html#/c05e1ec6222944748968f351273b3d41>



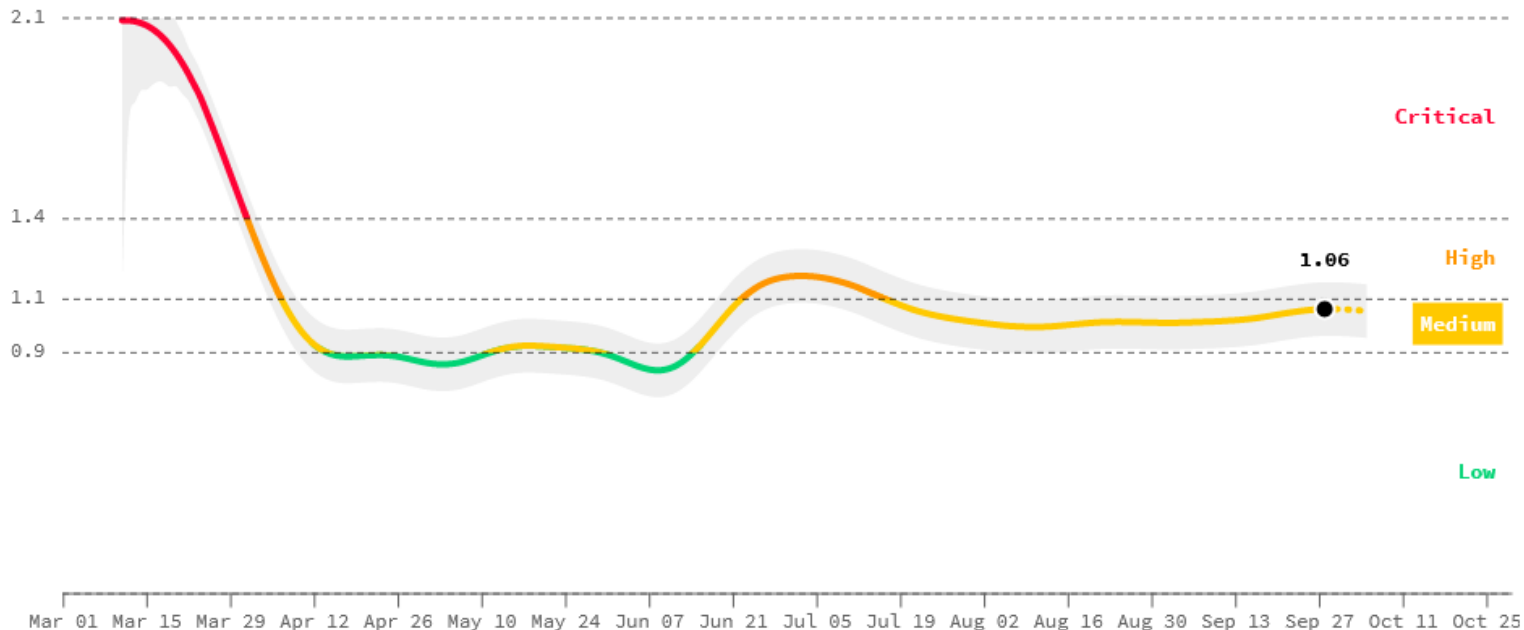
Infection rate

MICHIGAN

Save

Share

On average, each person in Michigan with COVID is infecting 1.06 other people. Because this number is around 1.0, it means that COVID continues to spread, but in a slow and controlled fashion.



Last updated 10/6/2020. 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](#).

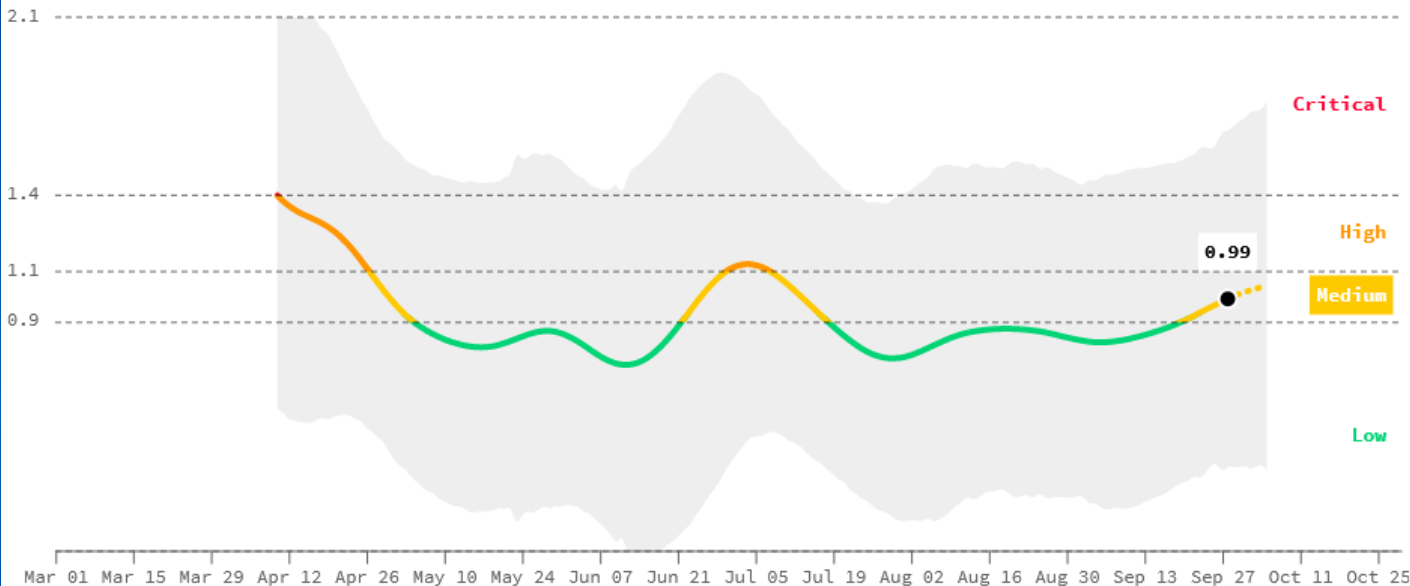
Infection rate

ALLEGAN COUNTY, MICHIGAN

Save

Share

On average, each person in Allegan County, Michigan with COVID is infecting 0.99 other people. Because this number is around 1.0, it means that COVID continues to spread, but in a slow and controlled fashion.



Last updated 10/6/2020. 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](#).

More information on Projections and Modeling: <https://blog.covidactnow.org/inference-projections-for-states/>

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

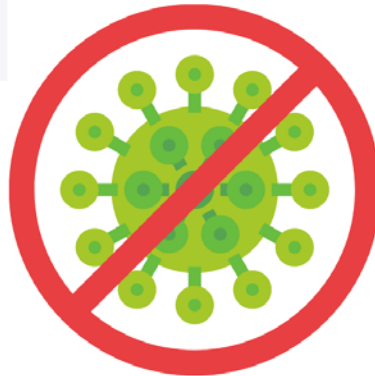
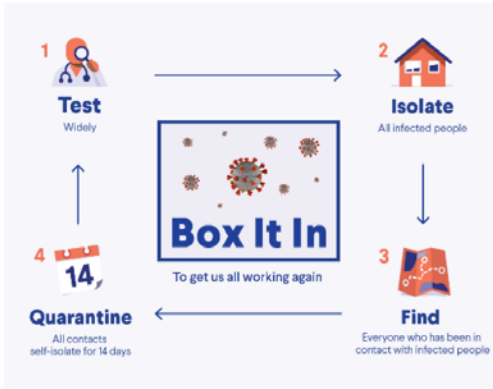
Provide information to the public, media, and County staff to increase public awareness, address misinformation, and protect the public and increase community resiliency
2. Prepare, mitigate, and recover from widespread transmission in Allegan County

STATE & LOCAL ORDERS

Michigan Public Health Code



EPIDEMIOLOGICAL MODEL



Enhanced Ability to Test

Testing available at no cost to you!



COVID-19 TESTING

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 pre-registration | No insurance needed | No doctor's note needed

Saturday, October 3 | 10:00am-1:00pm

Allegan County Transportation Building | 750 Airway Dr., Allegan

Saturday, October 24 | 10:00am-1:00pm

Allegan County Transportation Building | 750 Airway Dr., Allegan

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.



HEALTH
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Public Health Capacity

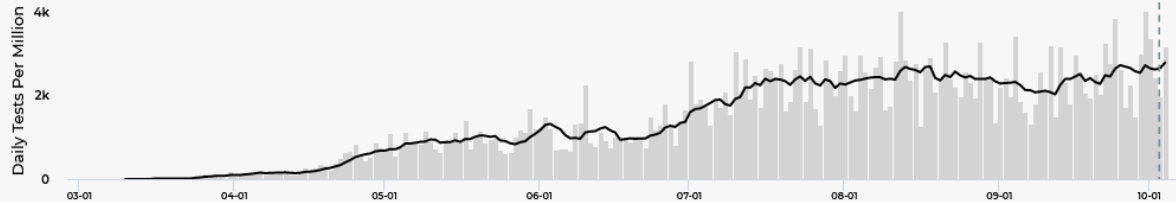
Tests

2.7k
daily per million *

308.3
daily tests
administered *

Allegan County Daily Tests Per Million Over Time

Click and drag in the plot area to zoom in



▶ www.Michigan.gov/coronavirustest

Enhanced Ability to Test

Test Results

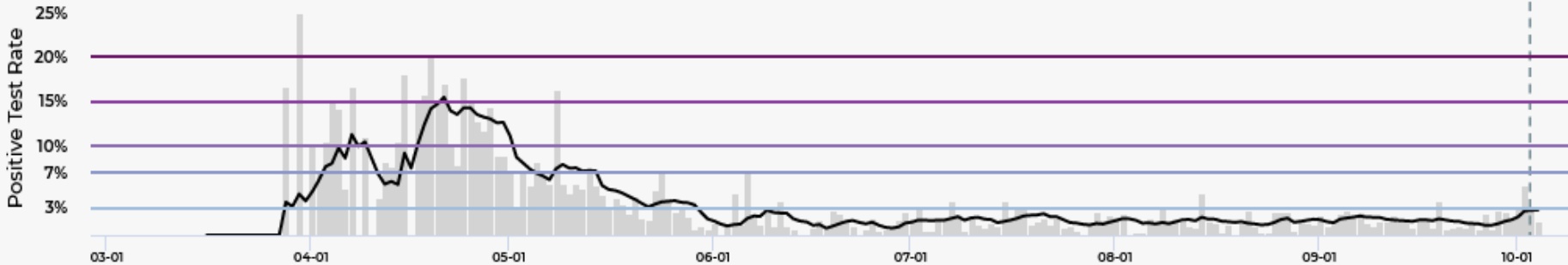
2.8%
positive tests *

308.3
daily tests
administered*

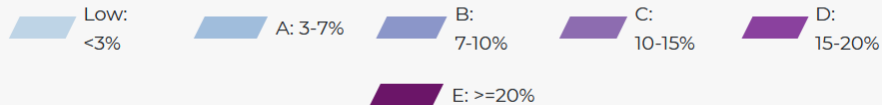
1 week ↗
Sep 22 - Sep 29 ©

Allegheny County Positive Test Rate Over Time

Click and drag in the plot area to zoom in



Test Thresholds Percent Positive



Daily tests

State	Avg. daily tests
1. California	118.1K
2. New York	101.8K
3. Texas	74.4K
4. Illinois	58.2K
5. Ohio	40.8K
6. New Jersey	31.5K
7. Washington	31.2K
8. Michigan	30.7K
9. North Carolina	26.0K
10. Wisconsin	25.0K
11. Kentucky	23.1K
12. Connecticut	22.5K
13. Florida	20.5K
14. Tennessee	19.7K
15. Arkansas	19.0K
16. Georgia	18.9K
17. South Carolina	17.9K
18. Massachusetts	16.3K
19. Virginia	16.0K
20. Louisiana	14.4K
21. Minnesota	13.7K
22. Pennsylvania	13.4K
23. Oklahoma	12.8K
24. West Virginia	11.5K
25. Maryland	9.4K
26. Colorado	9.2K
27. Indiana	8.5K
28. Alabama	7.6K

Weekly % of pop. tested

State	Weekly % tested
1. Alaska	4.62%
2. West Virginia	4.50%
3. Connecticut	4.41%
4. Arkansas	4.40%
5. New York	3.66%
6. Kentucky	3.61%
7. Illinois	3.21%
8. Wisconsin	3.00%
9. Washington	2.87%
10. District of Columbia	2.64%
11. Montana	2.54%
12. New Jersey	2.49%
13. Ohio	2.44%
14. South Carolina	2.44%
15. Oklahoma	2.27%
16. Louisiana	2.16%
17. Michigan	2.15%
18. Maine	2.09%
19. California	2.09%
20. Tennessee	2.02%
21. New Mexico	1.98%
22. Wyoming	1.94%
23. Vermont	1.88%
24. Texas	1.80%
25. North Carolina	1.74%
26. Minnesota	1.70%
27. Massachusetts	1.66%
28. Utah	1.55%

Percent positive

State	% positive
1. Vermont	0.6%
2. Maine	0.8%
3. Connecticut	1.1%
4. New York	1.3%
5. District of Columbia	1.4%
6. New Jersey	2.1%
7. California	2.6%
8. Alaska	2.8%
9. Ohio	2.8%
10. Michigan	3.3%
11. Illinois	3.4%
12. West Virginia	3.4%
13. New Hampshire	3.5%
14. Washington	3.6%
15. Louisiana	3.6%
16. Massachusetts	3.8%
17. Kentucky	3.8%
18. New Mexico	3.9%
19. Arkansas	4.3%
20. South Carolina	4.5%
21. Virginia	5.1%
22. North Carolina	5.6%
23. Oregon	5.7%
24. Hawaii	5.9%
25. Texas	5.9%
26. Maryland	5.9%
27. Tennessee	6.0%
28. Georgia	6.2%

Week ending 10/2/2020 (Michigan average uses most recent MAG data and includes all tests, including MDOC and "Region Unknown")

SOURCE: Numerical Data – MDSS, COVID Tracking Project, U.S. Census Bureau.

Comparison with neighboring counties

Risk Levels



Features Overview * Over previous 7 days

AREA	TYPE	REGION RISK LEVEL	COUNTY RISK LEVEL	DAILY CASES*	DAILY CASES PER MIL.*	CASES WEEKLY TREND	DAILY TESTS*	DAILY TESTS PER MIL.	% POSITIVE TESTS*	TESTS WEEKLY TREND
Allegan	County	-----■--	C	6.3	55 ■	3w ↗ ■	323.3	2,805.1	2.8% ■	1w ↗ ■
Barry	County	-----■--	D	6.9	114 ■	2w ↗ ■	161.7	2,692.7	2.4% ■	2w ↗ ■
Kalamazoo	County	-----■--	E	45.6	174 ■	1w ↗ ■	924.6	3,534.7	4.6% ■	2w ↗ ■
Kent	County	-----■--	D	78.3	122 ■	3w ↗ ■	2,557.4	3,976.5	3.8% ■	3w ↗ ■
Ottawa	County	-----■--	D	27.0	95 ■	4w ↘ ■	1,093.6	3,850.1	3.1% ■	1w ↗ ■
Van Buren	County	-----■--	C	4.7	63 ■	1w ↗ ■	300.7	3,995.0	3.1% ■	1w ↘ ■

Robust Case Investigation and Contact Tracing

COVID-19, State of Michigan: Case Investigation

7-day rolling average

- No
 Yes

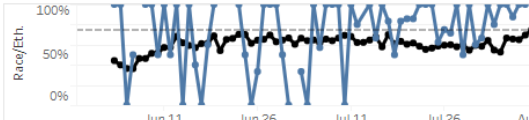
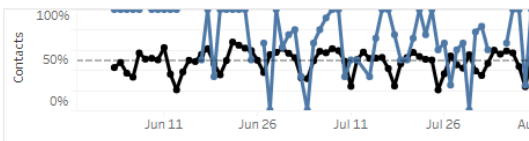
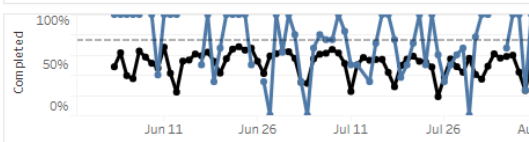
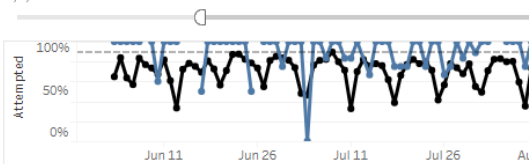
Case Completion Target:

- Within first day
 Within second day
 Within seventh day

Jurisdiction

(Multiple v

6/3/2020



Case Investigation Metrics, 7-day average - Referred on September 28, 2020

Target:

Weekend:

Sort by:

Jurisdiction	Cases	Contacts / Case*	TA bucket (9/21-9/27 referral)	Interview attar in first day, 90' goal	Interview complete in fir day, 75% goal	At least 1 col elicited in fir 50% goal	Race / eth. documented with week, 75% goal
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State of Michigan	5,328	4.04	N/A	84.0%	63.6%	60.4%	84.4%
Allegan County	34	3.81	Green	97.1%	82.4%	79.4%	93.8%

Source: Michigan Disease Surveillance System

* Contacts/case referred as of: 9/25/20

Alleghen County, New Cases

(data as of 10/3/20)

New Cases

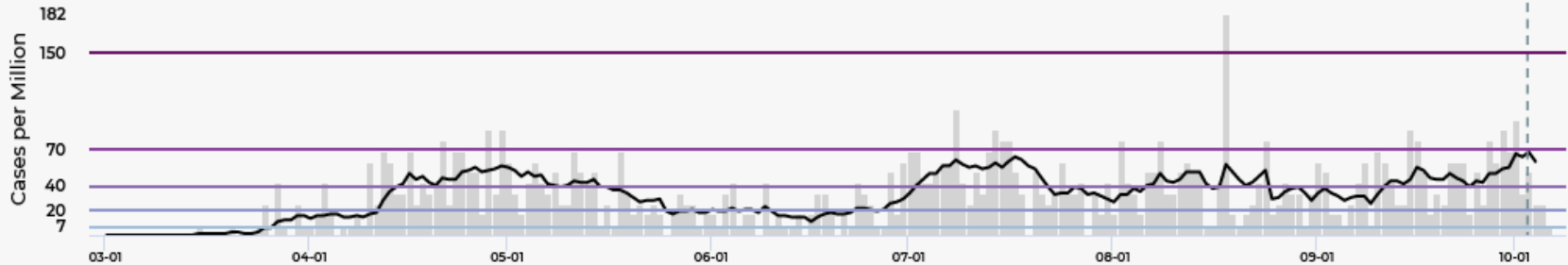
68.2
daily/ million *

7.9
daily *

3 weeks ↗
Sep 8 - Sep 29 ⓘ

Alleghen County Cases Per Million Over Time

Click and drag in the plot area to zoom in



Cases Thresholds
Per Million Per Day

Low: <7

A: 7-20

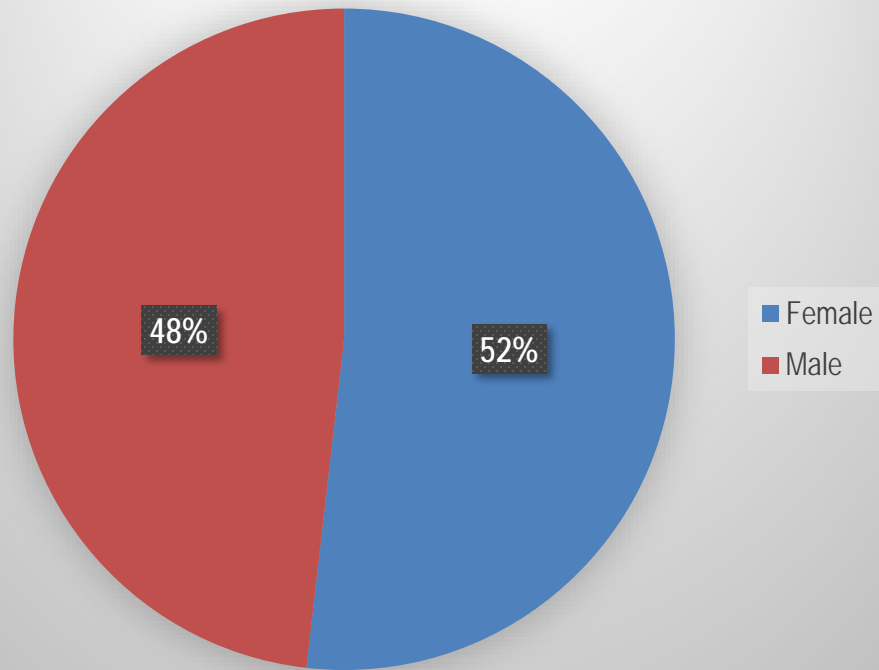
B: 20-40

C: 40-70

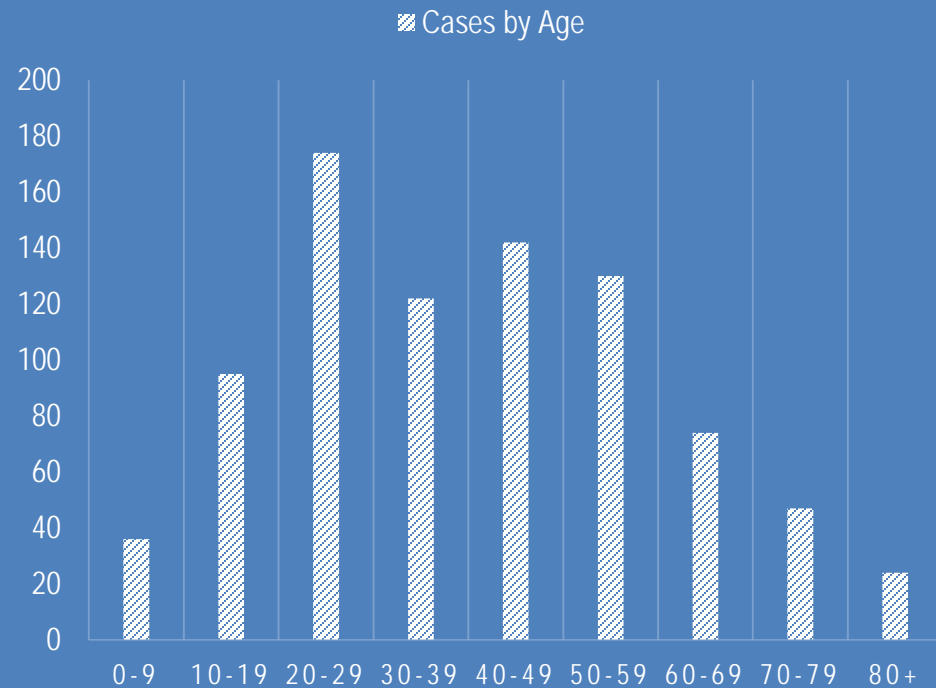
D: 70-150

E: >=150

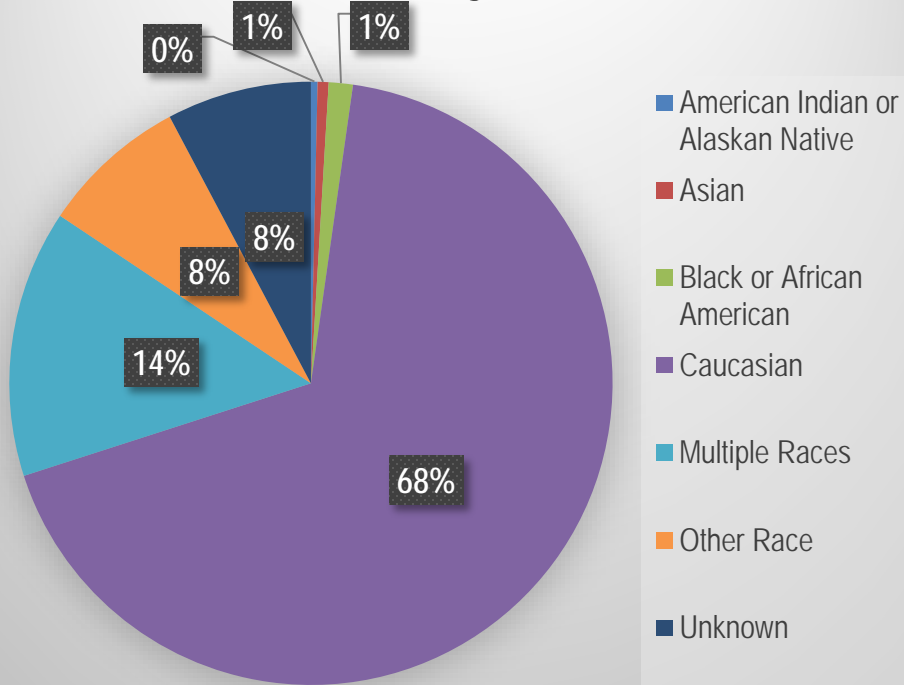
Cases by Sex



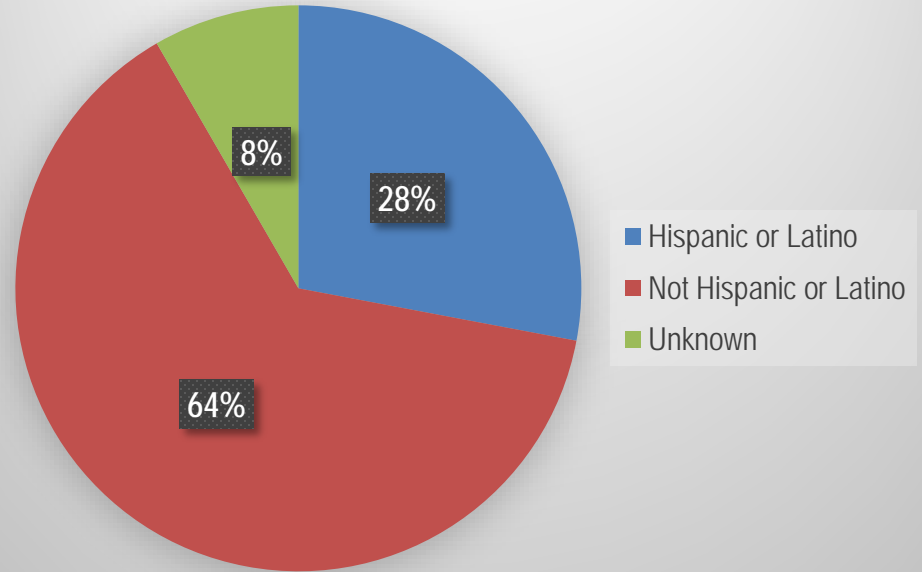
CASES BY AGE



Cases by Race



Cases by Ethnicity



Epidemiologic Information

Overall	Percent
Healthcare Worker	9.6%
Live or work in high-risk/congregate facility	6.5%
First Responder	0.6%
Other Essential Worker/Critical Infrastructure	26.1%
Healthcare Contact to confirmed care	1.6%
Community Contact to confirmed case	17.5%
Household Contact to confirmed case	26.8%
Total Cases: 853	

Cases Reported in Past two weeks	Percent
In quarantine at time of onset/positive test	25.9%
Associated with known cluster/outbreak	1.8%
Any Contact to confirmed case	36.6%
Healthcare contact to confirmed case	0%
Community contact to confirmed case	0.5%
Household contact to confirmed case	16.1%
Attended Community Event/Mass Gathering	14.3%
Any Travel (international, domestic, in state)	19.6%
Source of Infection is unknown	47.3%
Number of cases reported in past 2 weeks: 112	

Data as of 10/7/2020. Source: Michigan Disease Surveillance System

Clinical Information

Asymptomatic Cases: 21.3%



Symptoms	Percent
Fatigue/Lethargy/Weakness	66.0%
Cough	62.8%
Fever	55.8%
Chills/Rigor	46.2%
Shortness of Breath	21.7%
Difficulty Breathing	16.1%
Muscle Aches (Myalgia)	50.2%
Headaches	58.0%
Runny Nose	38.1%
Nausea or Vomiting	17.8%
Congestion	43.7%
Sore Throat	36.6%
Diarrhea	21.8%
Loss of taste or smell	36.2%

Data as of 10/7/2020.

Source: Michigan Disease Surveillance System

Breakdown of Cases by School Age Categories

Total Case Count	853
Number of Cases <18 years	83
% cases <18 years	9.7%

<u>Approximate Grade Level</u>	<u>Age</u>	<u>Case Count*</u>	<u>% total cases</u>	<u>% cases <18 years</u>
	0-2 years	12	1.4%	14.5%
Pre-K age	3-4 years	6	0.7%	7.2%
K-5th grade age	5-10 years	19	2.2%	22.9%
6-8th grade age	11-13 years	14	1.6%	16.9%
9-12th grade age	14-17 years	32	3.8%	38.6%

**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 of cases, the age brackets do not overlap.*

COVID-19 SPREADS THROUGH **CLOSE** CONTACT

ISOLATION for people who are **sick**

What does it mean?

- Stay in a separate room from others in your home
- Use a separate bathroom, if possible
- Family/roommates should practice self-quarantine
- Wear a mask if you go into shared spaces

QUARANTINE for people who've been **exposed**, but are **not sick**

What does it mean?

- Stay home & monitor for 14 days
- Family/roommates should practice social distancing
- If you become symptomatic, your close contacts should also self-quarantine

CDC: When to start and end quarantine

For all of the scenarios, even if you test negative for COVID-19 or feel healthy, you should stay home (quarantine) since symptoms may appear 2 to 14 days after exposure to the virus.

Factors to consider when defining close contact:

- ▶ While research indicates masks may help those who are infected from spreading the infection, there is less information regarding whether masks offer any protection for a contact exposed to a symptomatic or asymptomatic patient.
- ▶ Therefore, the determination of close contact should be made regardless of whether the person with COVID-19 or the contact was wearing a mask.
- ▶ It cannot be certain whether respiratory PPE worn during contact with an individual with COVID-19 infection protected them from exposure.
- ▶ As a conservative approach, the determination of close contact should generally be made regardless of whether the contact was wearing respiratory PPE, which is recommended for health care personnel and other trained users, or a mask recommended for the general public.

CDC Updates “How COVID is Spread”

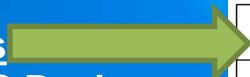
- ▶ Includes information about the potential for airborne spread of the virus that causes COVID-19.
- ▶ This update acknowledges the existence of some published reports showing limited, uncommon circumstances where people with COVID-19 infected others who were more than 6 feet away or shortly after the COVID-19-positive person left an area.
 - ▶ In these instances, transmission occurred in poorly ventilated and enclosed spaces that often involved activities that caused heavier breathing, like singing or exercise.

Sufficient Health Care Capacity

Statewide Hospital Capacity Report for COVID-19*10/06/2020**

	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	1,897	1,796	1,581	1,057	1,563	1,062	211	109	203	103	291	55

COVID-19 Metrics
10/6/2020, by HCC Region



HCC Region	Region 5
Total Hospitalized Adult Suspected/Confirmed	75
Adult Confirmed-Positive COVID	69
Hospitalized Peds Confirmed/Suspected	0
Hospitalized Ped Confirmed-Positive	0
Hospitalized and Ventilated COVID	4
Adult ICU Confirmed/Suspected COVID	9
ICU Adult Confirmed-Positive COVID	9
Prev Day COVID Related ED Visits	68

Time for your Flu Shot!

- ▶ Fighting the flu season will be especially important this year
- ▶ Helps prevent health care systems from becoming overwhelmed



Fight the Flu, Get your Flu Shot Here
Allegan County Health Department



Drive Thru (drive up and stay in your car)

Tues, Sept 29, 1:30-3:30pm

Wed, Oct 21, 9:30-11:30am

Thurs, Nov 12, 1:30-3:30pm



Vaccines Available	
This year Ascension Borgess is recommending the quadrivalent high dose vaccine for those individuals who are 65 years of age or older.	
Flu	Pneumonia
High Dose Quadrivalent (65 years and up)	Pneumovax 23 (19 years and up)
Flu Quadrivalent (6 months and up)	Pprevnar 13 (19 years and up)
FluMist Nasal Spray (2-17 years)	

Masks/face coverings and social distancing are required.



Ascension Borgess COVID-19 guidelines will be followed. Each patient will undergo screening (temperature and questionnaire screening), be required to wear a mask and practice social distancing. Our staff will also undergo the screening process, wear a mask, practice hand washing procedures and cleaning/sanitizing supplies/tables/chairs.

All Medicare Part B plans and most commercial insurances are accepted. We are not able to accept any Medicaid or Medicaid HMO insurances. Anyone with Medicaid or Medicaid HMO insurance should contact their primary care physician for an immunization.

For anyone without insurance, we accept cash  or check . We are unable to accept credit or debit cards.

Best Practices for Organizations

Recent MI Supreme Court Ruling

- ▶ ACHD is reviewing the existing MDHHS orders and will develop next steps to fill any gaps needed to protect public health.
- ▶ We will ensure compliance with the Court ruling and will work with legal advisors and State/regional public health partners to develop any local protocols/orders.
- ▶ We remain confident our community will continue those efforts and help keep each other safe.
- ▶ At this time, the Allegan County Health Department stresses the importance of consistency and keeping core COVID-19 mitigation strategies in place while more specific guidance is developed.

Core Mitigation Strategies



- Proper mask use
- Social Distancing
- Frequent Handwashing
- Staying Home when Sick



MDHHS Emergency Order Under MCL 333.2253— Gathering Prohibition and Mask Order

- ▶ Outlines:
 - ▶ Attendance limitations at gatherings
 - ▶ Face covering requirement at gatherings
 - ▶ Food service establishments
 - ▶ Organized sports

- ▶ In effect through 10/30/2020

MDHHS Emergency Order—Reporting of Confirmed and Probable Cases of COVID-19 at Schools

- ▶ Health Department must notify school of a confirmed or probable case within 24 hours
- ▶ Within the 24 hours of being notified, the School must provide public notice to the school community in a highly visible location on website that includes building/location

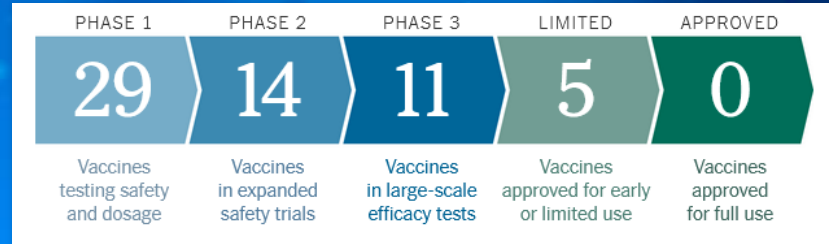
MDHHS Emergency Order—Temporary Restrictions on entry into congregate care and juvenile justice facilities

- ▶ Limited entry of any visitors in such facility
- ▶ Outlines what information the facility has to provide potential visitors and what to do when a visitor comes to the facility
- ▶ In effect through 10/30/20

MDHHS Epidemic Order—Requirements for residential care facilities

- ▶ Limit communal dining and internal/external group activities consistent with CMS and MDHHS guidance
- ▶ Outline who to inform if a confirmed positive resident or employee
- ▶ Outlines criteria of visitation
- ▶ In effect through 10/30/20

Community Vaccination and/or Herd Immunity



Operation Warp Speed

- ▶ Goal is to produce and deliver 300 million doses of safe and effective vaccines with the initial doses available by January 2021.
- ▶ 9/16/2020: the HHS and DOD released 2 documents outlining the strategy to deliver safe and effective COVID-19 vaccine doses as quickly and reliably as possible.

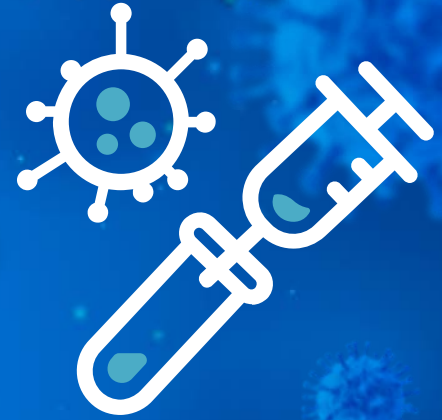
Mask Use

- ▶ Masks have shown to work at slowing disease spread.
 - ▶ Face masks block an individual's respiratory droplets from landing in the mouths or noses of people who are nearby or possibly being inhaled into the lungs
- ▶ Specifically with pediatric COVID-19 patients, data showed that children can carry high levels of virus in their upper airways, particularly early in an acute SARS-CoV-2 infection, yet they display relatively mild or no symptoms ([Yonker, L., Neilan, A. et al., 2020](#)).
 - ▶ This suggests that children can be superspreaders to COVID-19

Question we have for you:

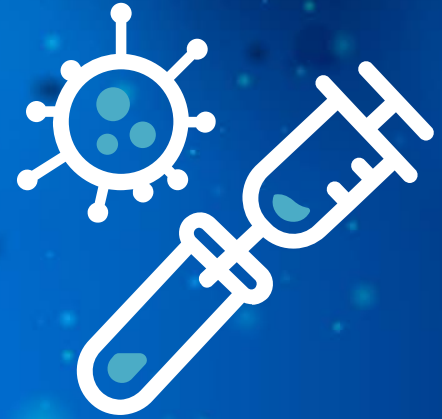
- ▶ How can we better market to your employees for clinics and testing?

Questions?



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ACHD Hotline: (269) 686-4546



Email: COVID-19@allegancounty.org



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