



HEALTH
Department

COVID-19 Update

February 24, 2021



Allegan County COVID-19 Dashboard

Data as of 2/24/2021

<https://alleganco.maps.arcgis.com/apps/opsdashboard/index.html#/792287b41e3f485c97f968335b45ca6c>

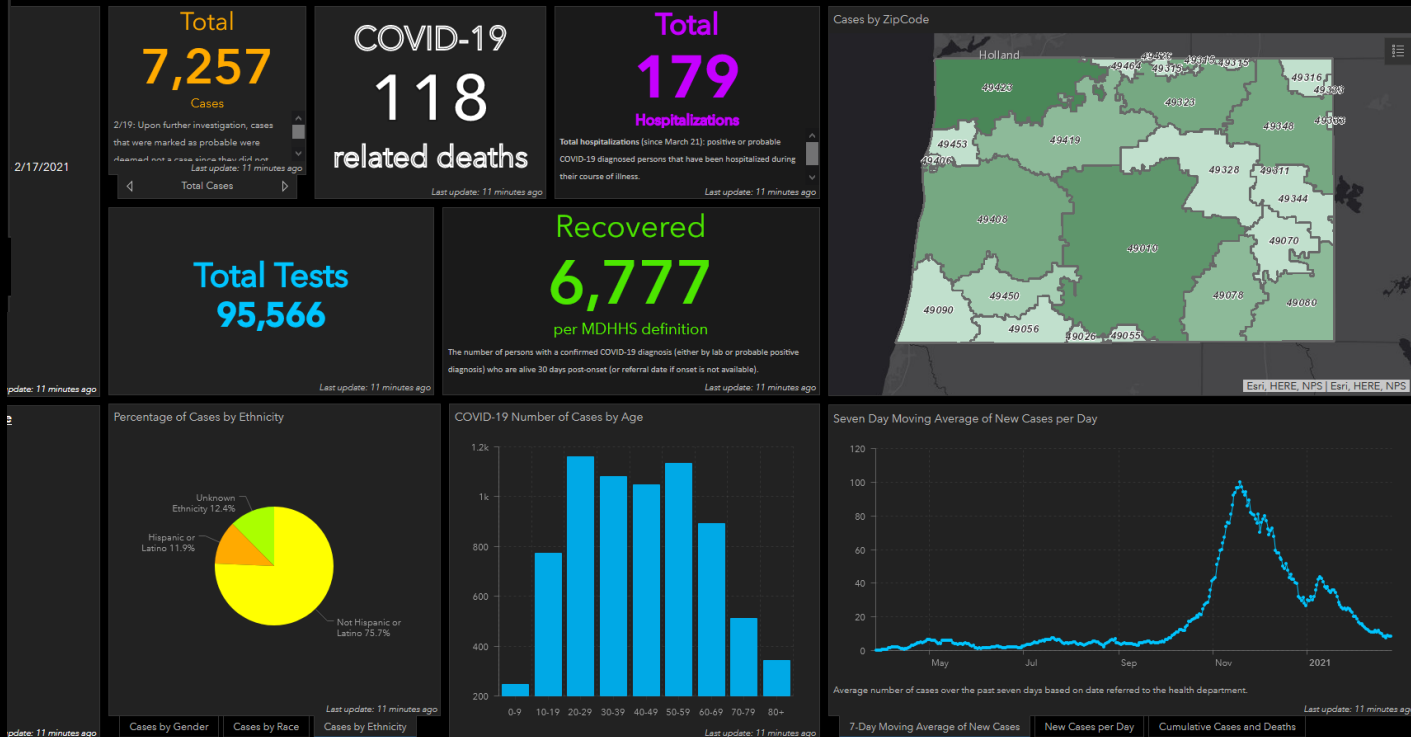
Two Week Snapshot

Total Cases: 175
Monitoring: 319
Deaths: 5
Hospitalizations: 7
Positivity Rate: 4.1%
Date Range: 2/4/2021- 2/17/2021

Two Week Cases by Age

0-9: 4
10-19: 21
20-29: 27
30-39: 26
40-49: 22
50-59: 23
60-69: 31
70-79: 14
80+: 3
Unknown: 4

Allegan County COVID-19 Dashboard



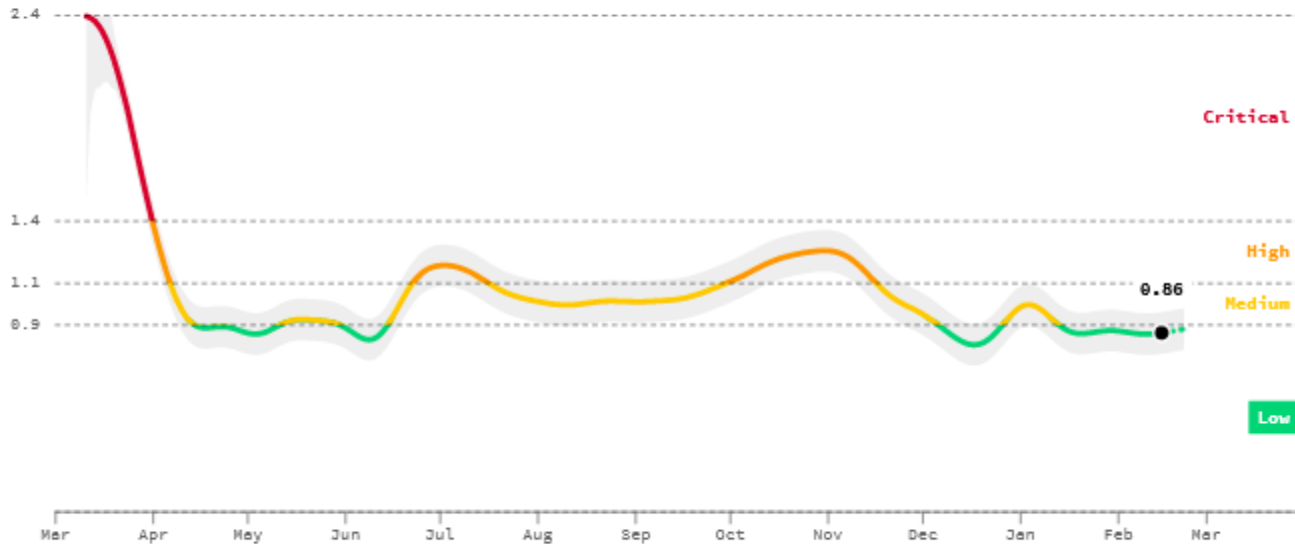
Infection rate ⓘ

MICHIGAN

Save

Share

On average, each person in Michigan with COVID is infecting 0.86 other people. Because each person is infecting less than one other person, the total number of current cases in Michigan is shrinking.



Learn more about [where our data comes from](#) and [how we calculate our metrics](#).

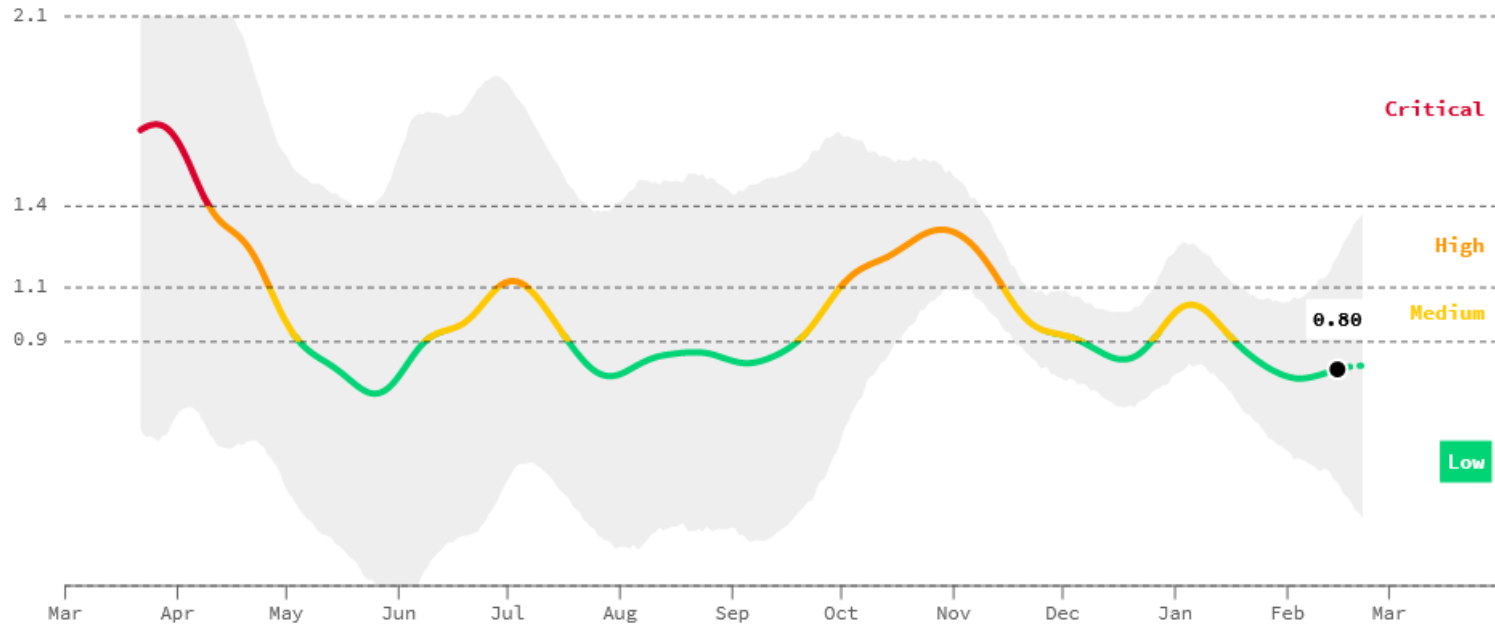
Infection rate ⓘ

ALLEGAN COUNTY, MICHIGAN

Save

Share

On average, each person in Allegan County, Michigan with COVID is infecting 0.80 other people. Because each person is infecting less than one other person, the total number of current cases in Allegan County, Michigan is shrinking.



Learn more about [where our data comes from](#) and [how we calculate our metrics](#).

Updated 2/23/2021

COVID-19 Mass Testing and Containment

MITIGATION ROADMAP



INCIDENT ACTION PLAN OBJECTIVES

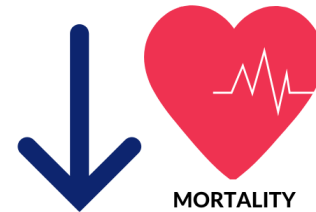
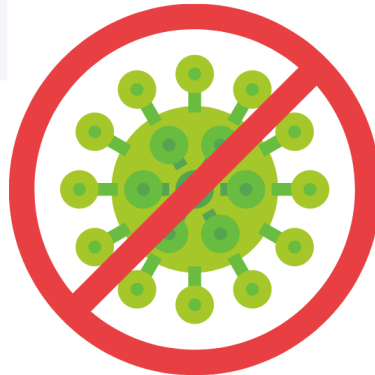
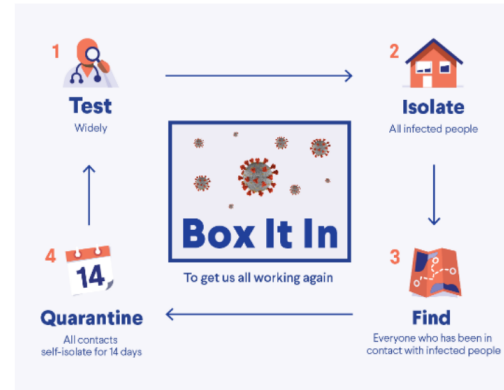
1. Identify cases, isolate the sick, quarantine the exposed, and protect vulnerable populations

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, <https://mistartmap.info/>

Alleghen County, data as of 2/20/2021

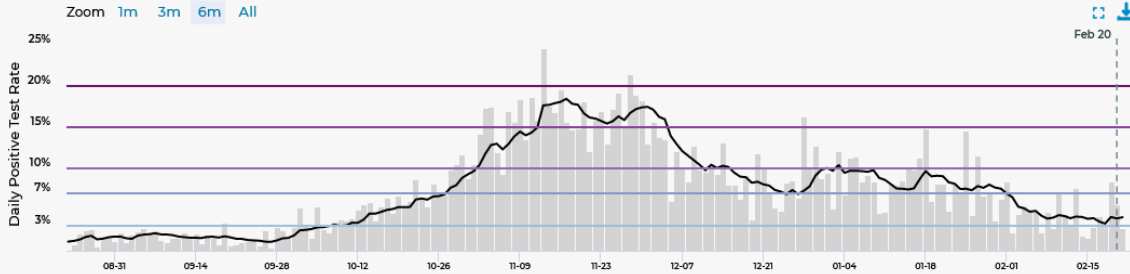
Test Results

3.9%
positive tests *

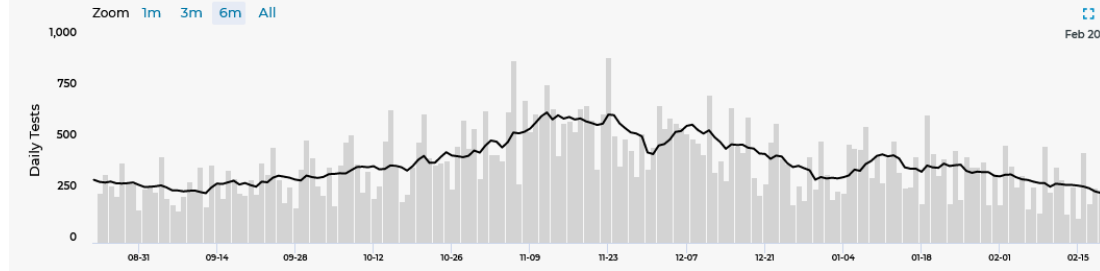
244.1
daily tests
administered *

4 weeks ⓘ
Jan 19 - Feb 16

Daily Positive Test Rate
ALLEGHEN COUNTY



Daily Tests
ALLEGHEN COUNTY



Test Thresholds
Percent Positive

Low: <3%

A: 3-7%

B: 7-10%

C: 10-15%

D: 15-20%

E: >=20%

New Cases, <https://mistartmap.info/>, Allegan County, data as of 2/20/2021

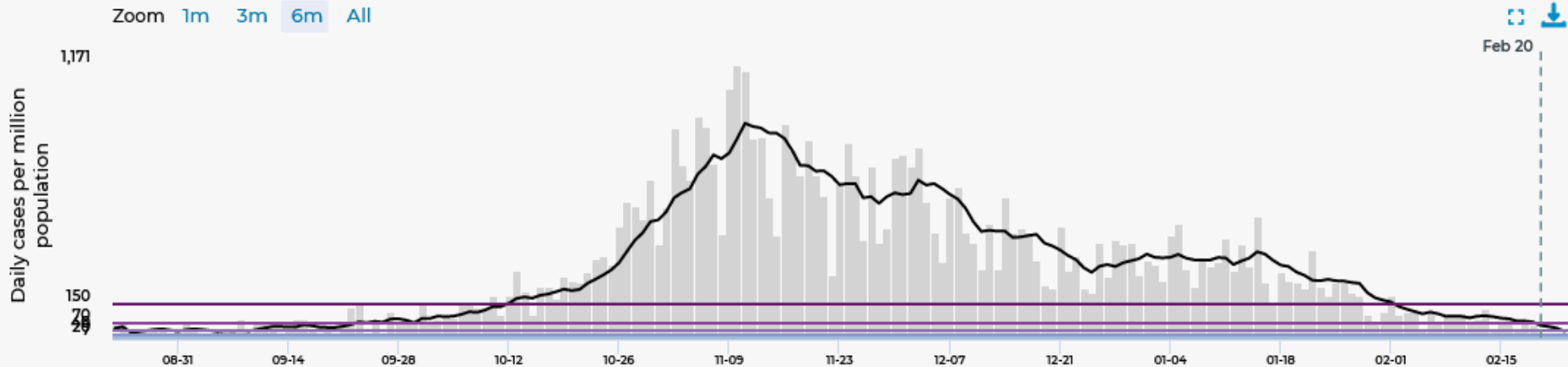
▼ New Cases

59.4
daily/million *

6.8
daily *

📉 45 days ⓘ
Jan 07 - Feb 20

Daily cases per million population ALLEGAN COUNTY



Cases Thresholds
Per Million Per Day

Low: <7

A: 7-20

B: 20-40

C: 40-70

D: 70-150

E: >=150

Comparison with Neighboring Counties, <https://mistartmap.info/>

Allegan County, data as of 2/23/2021

Geographic Area * Over previous 7 days

AREA	REGION RISK LEVEL (FEB 13)	COUNTY RISK LEVEL (FEB 23)	DAILY CASES PER MIL. (FEB 16)	CDC CASE TREND (FEB 16)	% POSITIVE TESTS (FEB 21)	% POSITIVE WEEKLY TREND (FEB 16)	DAILY TESTS PER MIL. (FEB 21)	SAMPLE COLLECTIONS WITHIN 2 DAYS OF ONSET (FEB 16)	RESULTS WITHIN 2 DAYS OF SAMPLE COLLECTION (FEB 16)	DAILY DEATHS (FEB 16)
Allegan		D	88.0	41d	4.0%	4w	2,134.4			0.5
Barry		D	118.9	43d	3.5%	1w	2,714.0			0.1
Kalamazoo		D	78.6	45d	4.6%	6w	2,555.9			0.4
Kent		D	107.5	45d	3.8%	1w	2,954.4			1.5
Ottawa		D	114.1	43d	4.2%	6w	2,862.8			0.7
Van Buren		D	87.3	43d	5.8%	6w	2,780.3			

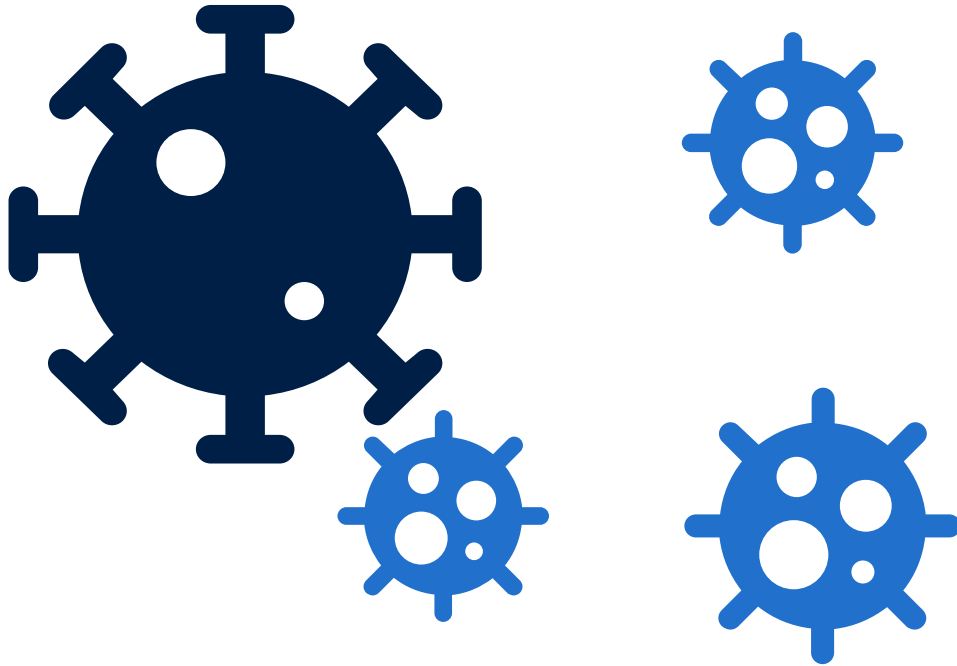
Epidemiologic Information, Allegan County

Overall	Percent
Healthcare Worker	7.6%
Live or work in high-risk/congregate facility	11.6%
First Responder	1.2%
Other Essential Worker/Critical Infrastructure	15.9%
Healthcare Contact to confirmed care	0.7%
Community Contact to confirmed case	10.6%
Household Contact to confirmed case	17.1%
Total Cases: 7,257	

Cases Reported in Past two weeks	Percent
In quarantine at time of onset/positive test	23.0%
Associated with known cluster/outbreak	1.1%
Any Contact to confirmed case	28.2%
Healthcare contact to confirmed case	0.0%
Community contact to confirmed case	10.3%
Household contact to confirmed case	19.0%
Attended Community Event/Mass Gathering	8.6%
Any Travel (international, domestic, in state)	5.7%
Source of Infection is unknown	44.3%
Number of cases reported in past 2 weeks: 174	

Clinical Information

Asymptomatic Cases: 14.5%



Symptoms	Percent
Fatigue/Lethargy/Weakness	68.5%
Cough	64.5%
Fever	47.6%
Chills	43.7%
Shortness of Breath	21.3%
Difficulty Breathing	14.3%
Muscle Aches (Myalgia)	55.1%
Headaches	66.6%
Runny Nose	48.1%
Nausea	22.5%
Congestion	58.6%
Sore Throat	39.8%
Diarrhea	14.3%
Loss of taste	42.7%
Loss of smell	42.7%

Data as of 2/24/2021

Source: Michigan Disease Surveillance System

Breakdown of Cases by School Age Categories

Total Case Count	7257	Data as of 2/24/2021.
Number of Cases <18 years	788	Source: Michigan Disease Surveillance System
% cases <18 years	10.9%	

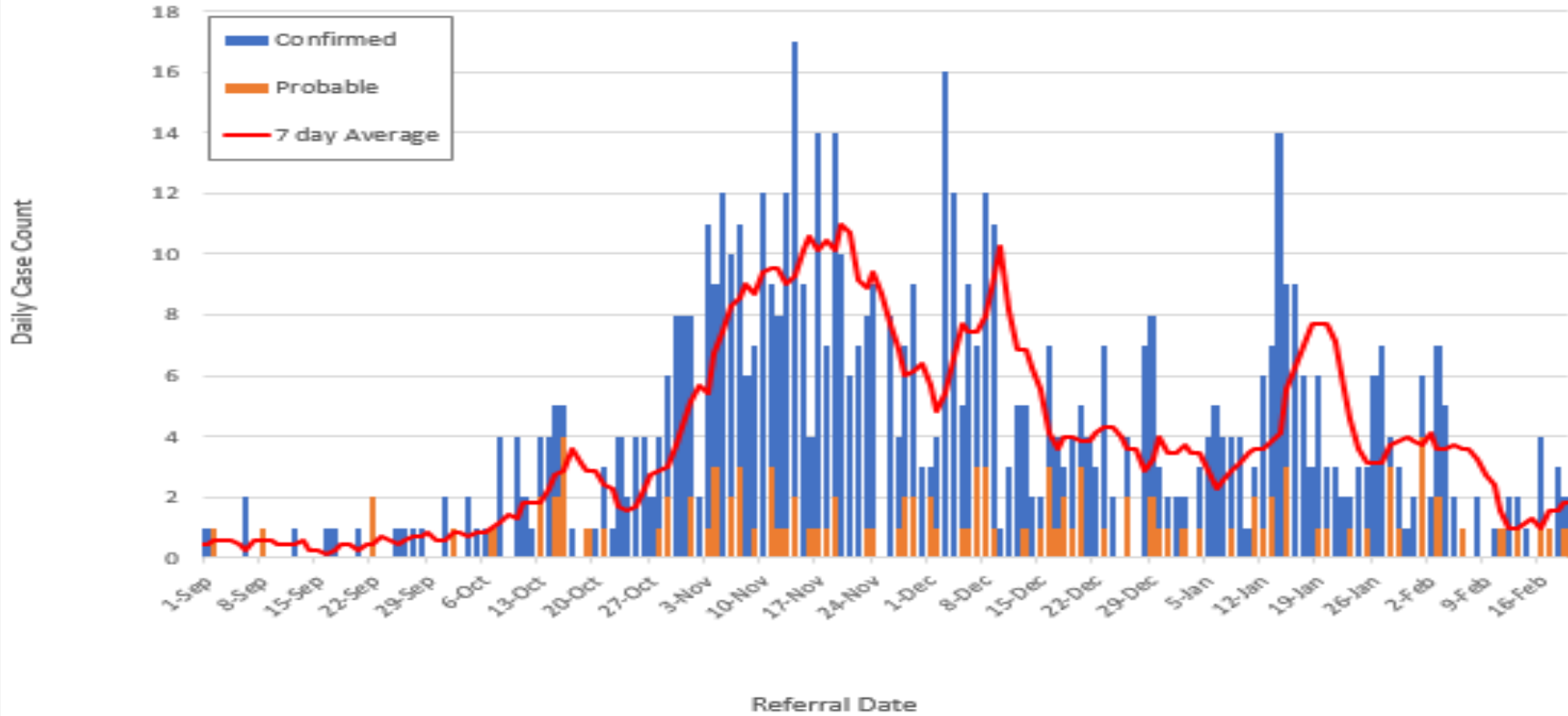
<u>Approximate Grade Level</u>	<u>Age</u>	<u>Case Count*</u>	<u>% total cases</u>	<u>% cases <18 years</u>
	0-2 years	63	0.9%	8.0%
Pre-K age	3-4 years	49	0.7%	6.2%
K-5th grade age	5-10 years	197	2.7%	25.0%
6-8th grade age	11-13 years	144	2.0%	18.3%
9-12th grade age	14-17 years	335	4.6%	42.5%

**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.*

Case count by age, data from 2/10/21-2/24/21 (2 weeks)

0-2 years	3-4 years	5-10 years	11-13 years	14-17 years
2	1	2	2	15

Allegan County School Age Cases by Referral Date



Sufficient Health Care Capacity

Statewide Hospital Capacity Report for COVID-19* 02/23/2021**

	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	1,652	1,586	1,371	1,023	1,353	1,004	193	116	149	111	328	50
Region 6	3,499	3,081	3,171	2,178	2,712	1,847	499	360	346	238	582	96

COVID-19 Metrics
2/23/21, by HCC Region

HCC Region	Region 5	Region 6
Total Hospitalized Adult Suspected/Confirmed	60	109
Adult Confirmed-Positive COVID	57	79
Hospitalized Peds Confirmed/Suspected	1	5
Hospitalized Ped Confirmed-Positive	0	4
Hospitalized and Ventilated COVID	11	11
Adult ICU Confirmed/Suspected COVID	21	34
ICU Adult Confirmed-Positive COVID	20	29
Prev Day COVID Related ED Visits	118	89

COVID-19 EMERGING VARIANTS

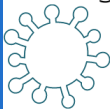


B.1.1.7 Variant

- Thought to have emerged in the United Kingdom
- Since been found in many countries and states, including Michigan
- Compared to the wild-type virus, the B.1.1.7 variant is approximately 50% more transmissible. This leads to faster spread of the virus and potentially can increase numbers of cases, hospitalizations, and deaths.

B.1.351 Variant

- First found in South Africa
- Cases reported in the US at the end of January 2021
- Currently there is no evidence to suggest that this variant has any impact on disease severity

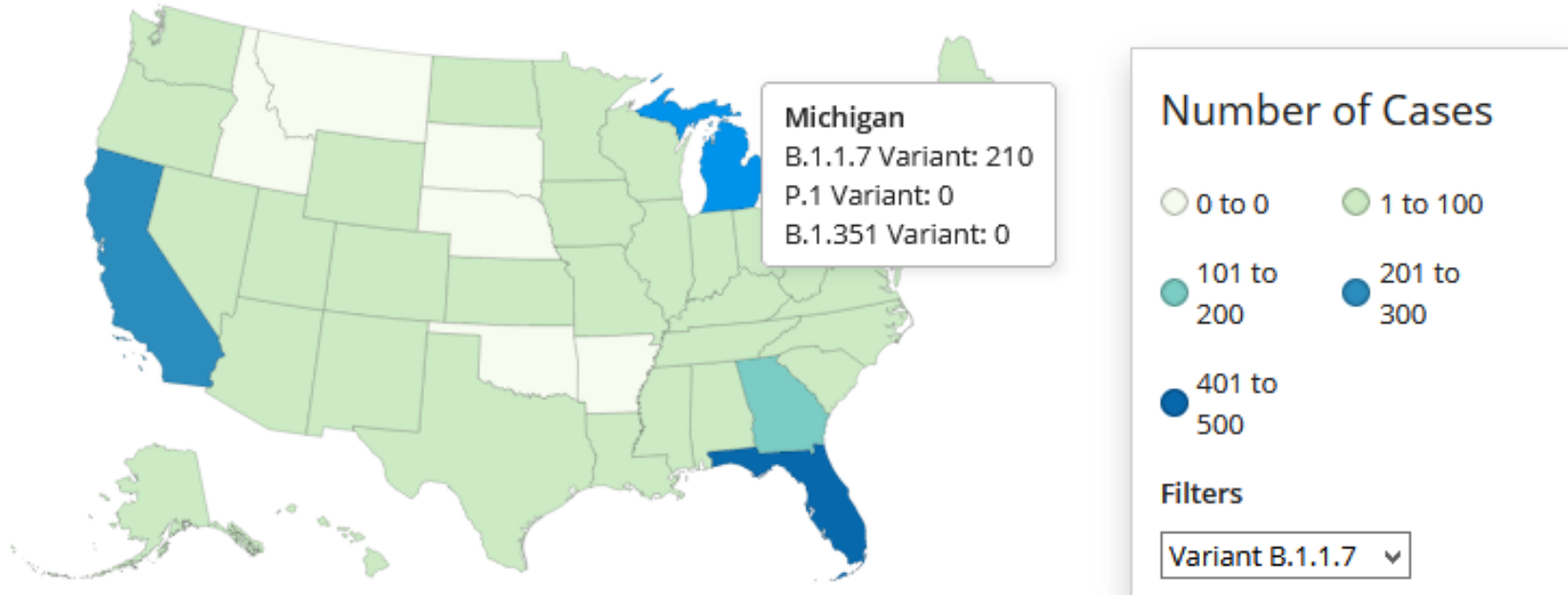


P.1 Variant

- First found in Brazil
- First case in U.S. identified in Minnesota
- This variant contains a set of additional mutations that may affect its ability to be recognized by antibodies

<https://www.cdc.gov/coronavirus/2019-ncov/transmission/variant-cases.html>

Emerging Variant Cases in the United States*†



Territories AS GU MH FM MP PW PR VI



Travel Guidance

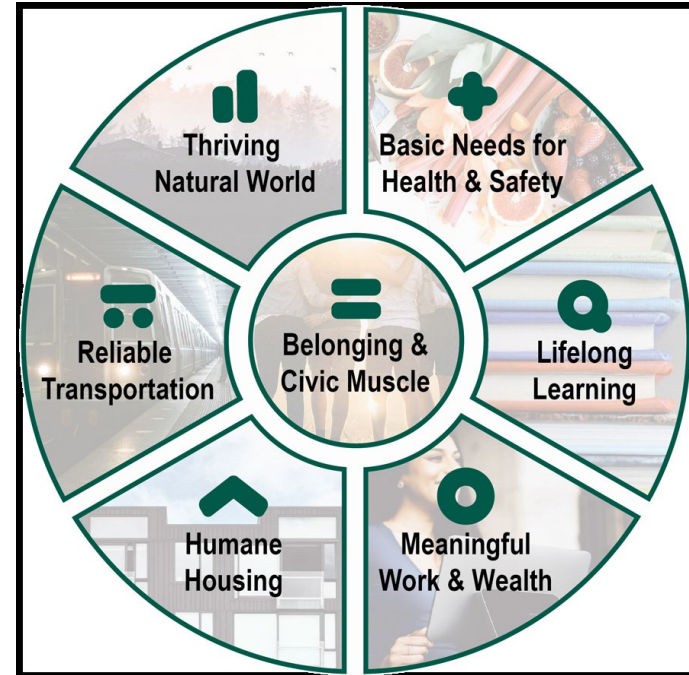
- ▶ Plan on publishing interim local guidance by Tuesday of next week



Community Health and Economic Prosperity

Health and Economic Prosperity Intersection – Surgeon General Report

- ▶ Prior to the pandemic, Allegan County Health Department has facilitated cross sector planning with our business, health care, schools, and nonprofits in developing and implementing our [Community Health Improvement Plan](#).
- ▶ The outgoing Surgeon General, Jerome Adams, publicly recognized that there is an intersection between health and economic prosperity in a community.
 - ▶ The report has highlighted how all sectors impact the health of our community. **A healthy community is a safe and economically prosperous community – which has become more evident as this pandemic evolved.**
- ▶ Working with businesses to provide services while keeping community members safe and healthy. It has taken a village to keep this virus under control – businesses and schools have played a huge role in that.



**The Seven Vital Conditions for
Health, Wealth, and Well-being**

Other Reports outlining Health and Economic Prosperity Intersection

- ▶ Bipartisan Policy Center and the de Beaumont Foundation has also recognized the interdependency between the two sectors, the [“Good Health is Good Business”](#) report by the Bipartisan Policy Center and the de Beaumont Foundation encourages collaboration between the two by putting forth the value proposition for such collaborations and details the potential benefits for each sector.
- ▶ The [“Seven Ways Business Can Align with Public Health for Bold Action and Innovation”](#) report presents practical steps that businesses can take to strengthen partnerships and improve the health of their employees, communities, and the nation.
 - ▶ Developed in partnership between Johns Hopkins University Bloomberg School of Public Health and the de Beaumont Foundation, **these recommendations were informed by a series of focus groups and personal interviews with 40 business and public health leaders who shared ideas about what can be done to address the immediate COVID-19 crisis and its spillover effects on the health and well-being of Americans.**

Seven Ways Business Can Align with Public Health



1. “Put out the fire” of COVID-19 by following advice of credible public health experts.



2. Improve the health and well-being of employees.



3. Promote healthy communities.



4. Become a “force multiplier” by leveraging expertise, staff, and other resources to collaborate with local and state public health departments to be better prepared for future public health emergencies.



5. Actively facilitate public-private partnerships in the community.



6. Advocate for development of accountability dashboards that track and monitor progress toward achieving key economic and public health outcomes in a community.



7. Advocate for a rebuilding and expansion of a national public health workforce supported by a modern information technology infrastructure.

Report Recommendations to strengthen community health and economic prosperity

1. Learn more about your stakeholders
2. Foster a Culture of Stewardship
3. Develop Cross Sector Partnerships
4. Measure Performance using Meaningful Indicators of Community Health and Well-being

Reports:

[Executive Summary](#) | [Full Report](#) | [At a Glance: Community Health and Economic Prosperity](#)



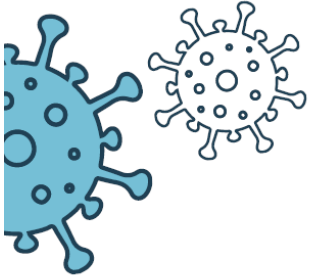
The pandemic has really fostered these relationships and provided a foundation to tackle public health issues whether it is obesity, substance use, or another novel virus.

COVID-19 Vaccine Updates

Allegan County COVID-19 Vaccine Plan

Preliminary COVID-19 Vaccination Timeline

Dates are estimated and expected to change based on vaccine availability.



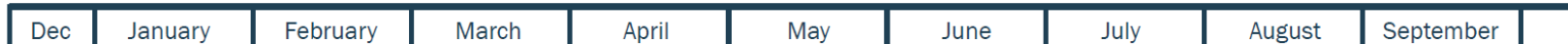
Anyone age 16 or older

All remaining essential workers

Other essential frontline workers and people age 16-64 years with a health condition that puts them at high risk for serious COVID-19 complications

Michiganders age 65 and older, frontline essential workers, child care and pre-K through high school staff, and congregate care facilities

Health care workers and long term care residents and staff



Allocation Process

MDHHS allocates to local jurisdictions
based on Social Vulnerability Index



Allegan County Health Department




75% of ACHD's allocation goes
to those 65 years+



25% of ACHD's allocation goes to
other eligible groups

March 1: Food Processing and Agricultural Industries are eligible for COVID Vaccine


- ACHD connecting with our agriculture and food processing businesses to get workers signed up for vaccine and scheduled for vaccine clinics.
- ACHD will prioritize indoor food industry based on indoor work being more riskier for transmission than outdoor



**You
Are
Essential.**

On the job, and at home. Getting a COVID-19 vaccine adds one more layer of protection.

I GOT MY COVID-19 VACCINE!



5 VACCINE STRATEGIES



Get more people vaccinated

Expand capacity as much as possible, prioritizing those vulnerable to severe disease and exposure and ensuring equity throughout process



Build a robust network of vaccination sites

Ensure all Allegan County community has equitable access to vaccines



Promote efficiency in vaccine delivery and administration

Maximize MDHHS local allocation of vaccine while driving towards eliminating disparities in vaccine administration and maximizing operational efficiency



Mobilize personnel to maximize vaccination efforts

Leverage human resource capital and partnerships to support vaccination efforts



Empower people with information to gain confidence to get vaccinated

Build a targeted communication effort that aligns with MDHHS to assure Allegan County communities have access to timely, accurate, and understandable information on vaccines.

VACCINE UPDATE

ALLEGAN COUNTY STATISTICS

COMPLETED

February 14, 2021 to
February 20, 2021

Year to Date

- Doses distributed: 1,200
- Doses administered*: 2,363
- Doses distributed: 8,950
- Doses administered*: 16,363

*based on person's residence. Individuals who live in Allegan County may get their vaccine out of jurisdiction (through work or other opportunities). These numbers would reflect the distribution to other jurisdictions, but appear on doses administered for Allegan County. The vaccines allocated towards the Federal partnership with long-term care facilities (LTCF) do not count towards doses allocated to Allegan County, however they will appear on doses administered for Allegan County since the individuals at LTCF are residents of Allegan County.

retrieved from MDHHS Vaccine Dashboard, 2/22/21

PLANNED

February 21, 2021 to February 27, 2021

3
Clinics

1,676
First and
Second
doses

REGISTERED

18,309

eligible
individuals
registered



24,694

Individuals living or
working in Allegan
County registered
for vaccine



What we've done so far

- ▶ ACHD has had 2-3 vaccine clinics a week with our largest clinic administering 730 vaccines.
 - ▶ Shout out to Allegan County Volunteers and MING for helping execute these clinics!
- ▶ Our allocation on 2/21/2021 was 1400 first and second doses.

Percentage of Allegan
County Residents
Vaccinated **(18 and older)**



Percentage of Allegan
County Residents
Vaccinated **(16 and older)**



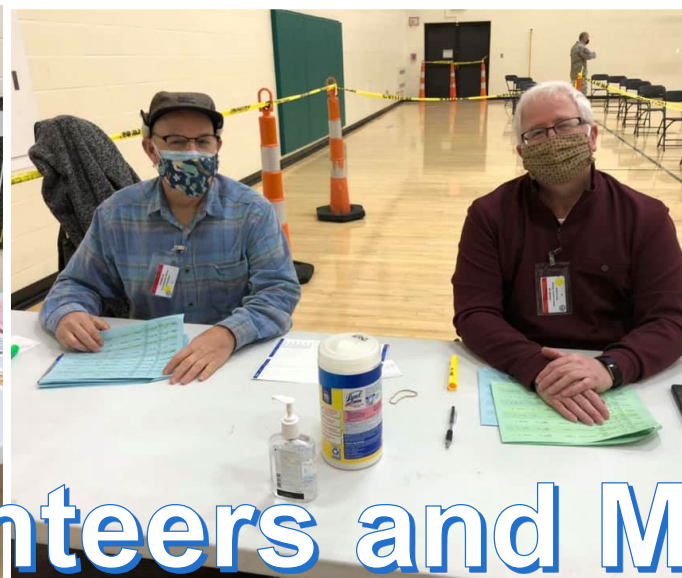
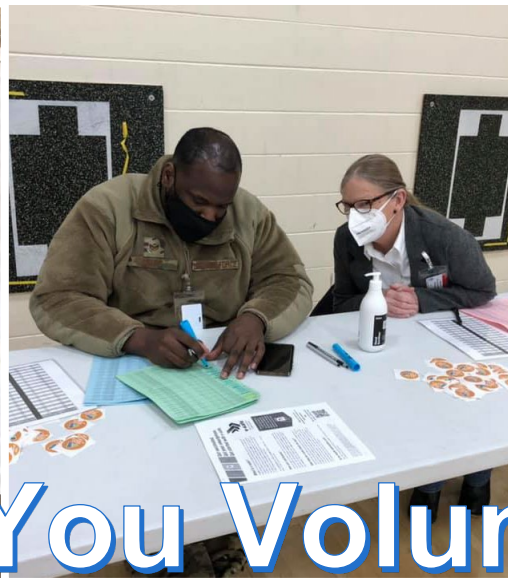
Percentage of Allegan County
Residents Fully Vaccinated (18
and older) (received 2nd dose)



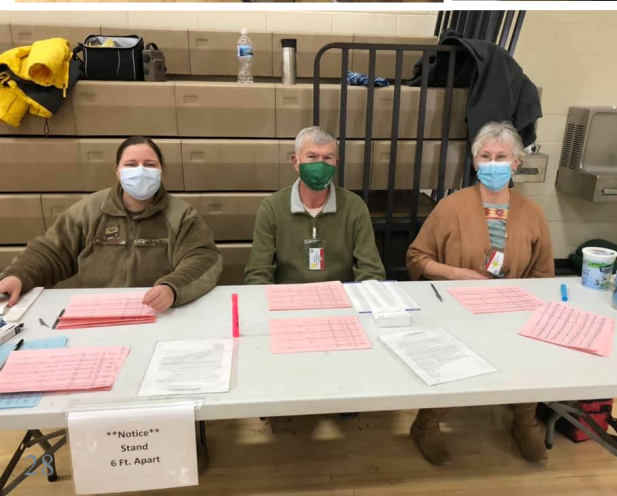
Percentage of Allegan County
Residents Fully Vaccinated (16
and older) (received 2nd dose)



Allegan County Population: 118,081 (US Census)
Allegan County Residents 18+: 89,978
Allegan County Residents 16+: 93,149



Thank You Volunteers and MING!



Images courtesy of Allegan County Emergency Management

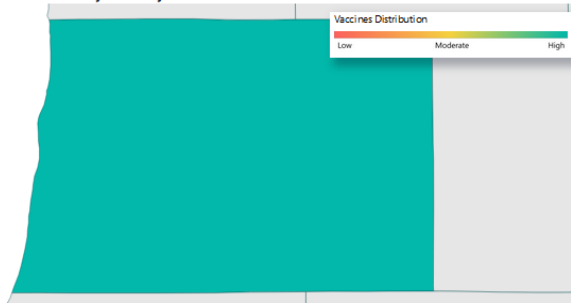
COVID Vaccine Distribution

Dashboard updated: February 23, 2021. Date when the vaccine is shipped by the distributor. NOT the date of receipt by the provider. Includes first and second dose allotments. Doses are distributed to vaccine providers within the LHD jurisdiction.

Preparedness Region: All
Local Health Dept. Jurisdiction: Allegan County Health Department
Provider County: All
Data as of: 2/22/21

Distribution Date Range: 12/14/2020 - 2/23/2021
Facility Type: All
Year: All
Vaccine Type: All

COVID Vaccine Distribution by County



Microsoft Power BI

< 1 of 10 >

Region 5

Total Vaccines Distributed*

10,350

*499,200 doses were transferred to the Federal Programs

Pfizer 1,950
Moderna 8,400

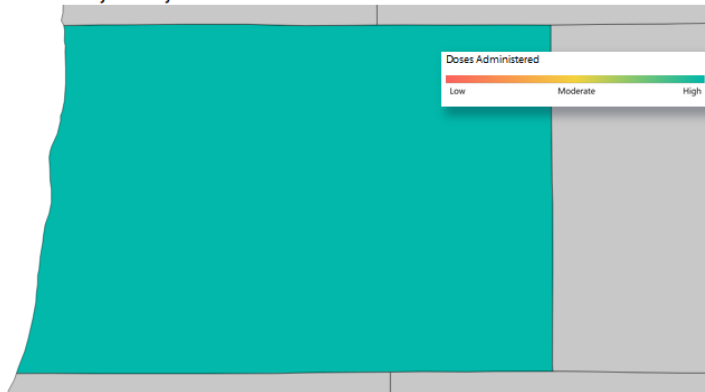
Vaccines Distributed in Preparedness Region
(units in K = Thousand)

COVID Vaccine Doses Administered by Person's Residence

Dashboard Updated: February 23, 2021. Doses administered are reported according to where the patient lives and the date they were vaccinated. Providers have 24 hours to report vaccinations to MDHHS. MDHHS pulls the data each morning for cleaning and then posting to website by 3 pm, Monday through Friday.

Preparedness Region: All
Local Health Dept. Jurisdiction: Allegan County Health Department
County: All
Year: All
Dose Number: All

COVID Doses Administered by County



Microsoft Power BI

< 3 of 10 >

Region 5

Data as of:
2/22/21

Week

1 52

Sex

All

Age Group

All

Number of COVID
Vaccine Doses
Administered

17,116

Link to MI Vaccine Dashboard: https://www.michigan.gov/coronavirus/0,9753,7-406-98178_103214_103272-547150--,00.html

Do you want the COVID-19 Vaccine?

Sign up for COVID-19 Vaccine Notifications

Individuals **living** or **working** in Allegan County can complete the "I want the COVID-19 Vaccine" form found on

www.allegancounty.org/covid

If unable to complete the form online, call 211 or

ACHD's COVID-19 Hotline: 269-686-4546

Allegan County Health Department will notify you when you can make your COVID-19 vaccination appointment.

DISCLAIMER: Signing up for the COVID-19 Vaccine with Allegan County does not schedule your vaccine appointment. Allegan County Health Department is following the MDHHS Vaccination Prioritization Guidance and vaccine is available on a first come, first serve basis for the prioritization phases.

www.vaccinatewestmi.com

www.michigan.gov/COVIDvaccine



HEALTH
Department

¿Quieres la vacuna COVID-19? Inscríbese para recibir notificaciones sobre la vacuna COVID-19

Las personas que **viven** o **trabajan** en el condado de Allegan pueden completar el formulario "Quiero la vacuna COVID-19" que se encuentra en

www.allegancounty.org/covid

Si no puede completar el formulario en línea, llame al 211 o a nuestra línea directa COVID-19 al 269-686-4546

El Departamento de Salud del Condado de Allegan le notificará cuando puede hacer su cita para la vacunación COVID-19.

DESCARGO DE RESPONSABILIDAD: Inscribirse para la vacuna COVID-19 con el Condado de Allegan no programa su cita para la vacuna. El Departamento de Salud del Condado de Allegan está siguiendo la Guía de Priorización de Vacunación del MDHHS y la vacuna está disponible por orden de llegada para las fases de priorización.

www.vaccinatewestmi.com

www.michigan.gov/COVIDvaccine



HEALTH
Department

Questions?

269-686-4546

COVID-19@allegancounty.org