# MI COVID RESPONSE DATA AND MODELING UPDATE

**NOTE:** All data as of April 10 unless otherwise noted

April 13, 2021

#### **Executive summary**

**Percent Positivity** is up 17% and **Case Rates** are up 14% since last week. Positivity (18.5%, ↑2.9%) and case rates (552.2, ↑61.2) have been increasing for seven weeks

Michigan has the **highest number of cases** ( $\uparrow$ 2), and **highest case rate** ( $\uparrow$ 2) in the last 7 days (source: CDC COVID Data Tracker)

Percent of inpatient beds occupied by individuals with COVID-19 has increased 39% since last week to 16.5% ( $\uparrow 4.6\%$ ). Trends for COVID hospitalizations are increasing for five weeks

Michigan has the **highest inpatient bed utilization** ( $\leftrightarrow$ ), and the **highest adult ICU bed utilization** ( $\leftrightarrow$ ) (source: US HHS Protect)

**Deaths** have increased 39% since last week. There were 237 ( $\uparrow$ 71) deaths between Mar 28 and Apr 3, and the **Death Rate** is 3.4 deaths per million residents ( $\uparrow$ 1.0)

Michigan has the 8<sup>th</sup> highest number of deaths ( $\uparrow$ 4), and T8<sup>th</sup> highest death rate ( $\uparrow$ 20) in the last 7 days (source: CDC COVID Data Tracker)

The 7-day average state testing rate has increased to 3,915.2 tests/million/day ( $\uparrow$ 418.1). **Daily diagnostic tests (PCR)** is 38.9K per day ( $\uparrow$ 4.1K), and the weekly average for PCR and antigen tests conducted in Michigan is 56.7K ( $\uparrow$ 5.0K).

5.4 million COVID-19 vaccine doses reported to MDHHS, 41.9% of Michigan population 16+ has at least one dose

#### Comparison across states: Summary

#### What we see today (data through 4/11):

- 16 states are seeing increasing 1 week case trends (>=10%) (down vs. 26 last week)
- 23 states are seeing weekly increases (>=10%) in new COVID hospital admissions (up vs. 21)
- Michigan, DC, New Jersey, New York and Maryland have highest per capita <u>hospitalized</u> patient numbers.
- Midwest (case data from CDC):
  - Wisconsin with <u>increase</u> in hospitalizations (57/M) and <u>increase</u> in cases (108/100k last 7d)
  - Indiana with increase in hospitalizations (120/M), and increase in cases (116/100k last 7d)
  - Illinois showing <u>increase</u> in hospitalizations (145/M), and <u>increase</u> in cases (182/100k last 7d)
  - Ohio with <u>increase</u> in hospitalizations (133/M) and <u>increase</u> in cases (132/100k last 7d)
  - Michigan showing <u>increase</u> in hospitalizations (389/M) and <u>increase</u> in cases (515/100k last 7d)

#### **COVID-19 Spread**

Statewide positivity has increased to 18.5%, and is increasing in all MERC regions

- One week increase of 17% (compared to 35% last week)
- Increasing for seven weeks (429% cumulative increase since mid-February)
- Seven MERC regions are now above 15% (Risk Level D)
- One MERC region, Saginaw, above 20% (Risk Level E)
- Highest state, regional, and county levels recorded since mid-April 2020

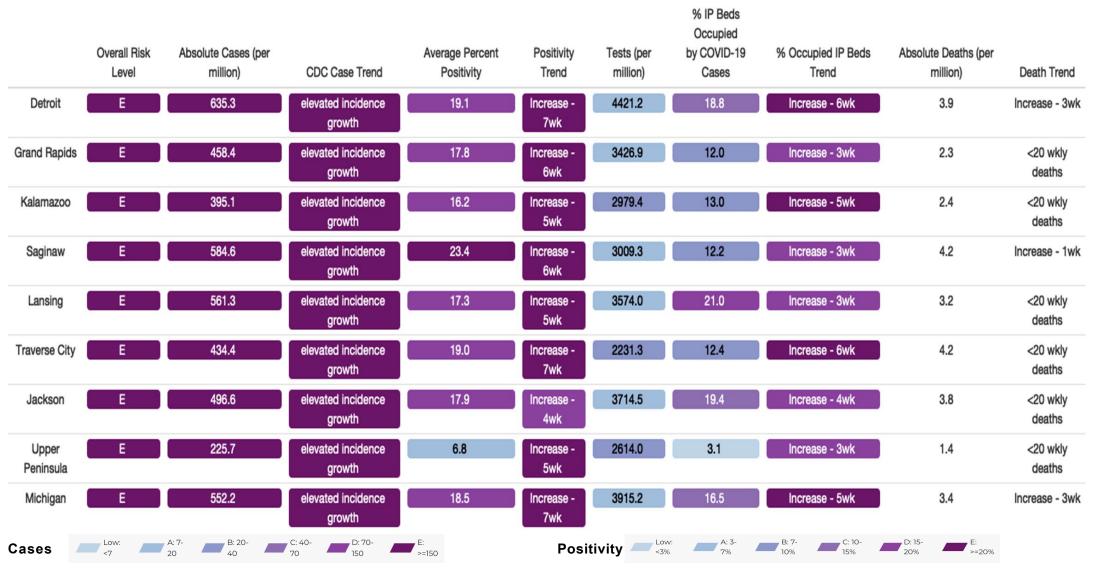
Case rates (552.2 cases/million) have also increased in the state

- One week increase of 14% (compared to 55% last week)
- Increasing for seven weeks (434% cumulative increase since mid-February)
- All eight MERC regions showing an elevated increase growth
- Increases are seen among all age groups, races, and ethnicities
- Variants in Michigan: 2,658 (↑841) confirmed B.1.1.7; 9 (↑2) confirmed B.1.351; 9 (↑7) confirmed P.1
- Number of active outbreaks is up 16% from previous week
  - Reported school outbreaks have increased since last week (301 to 312)

#### Confirmed and probable case indicators

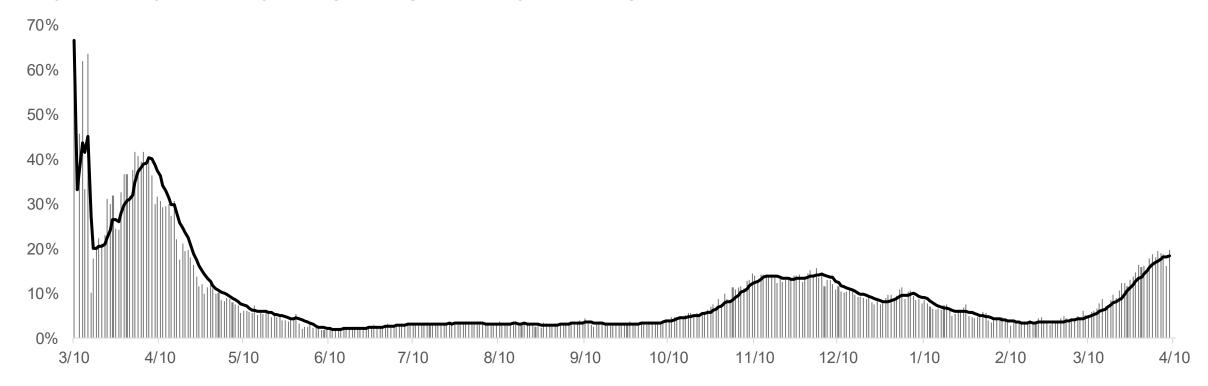
Table Date: 4/10/2021 (7 days from date table was produced: 4/3/2021)





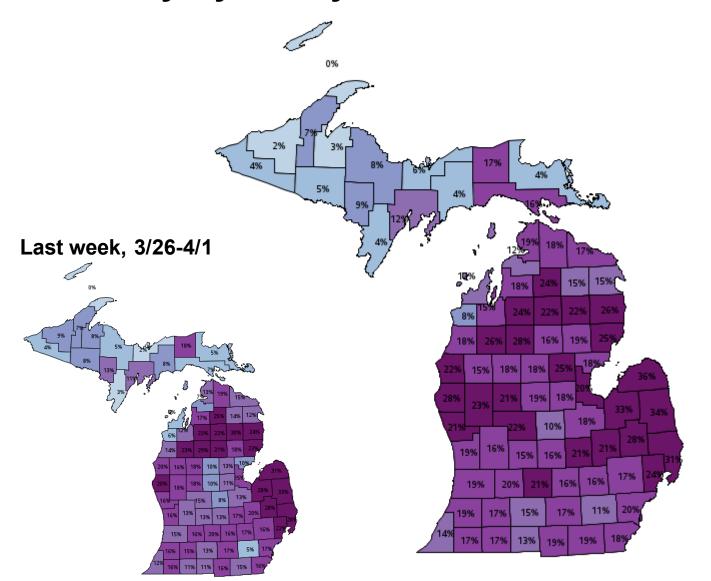
#### **Statewide Positivity Trends**

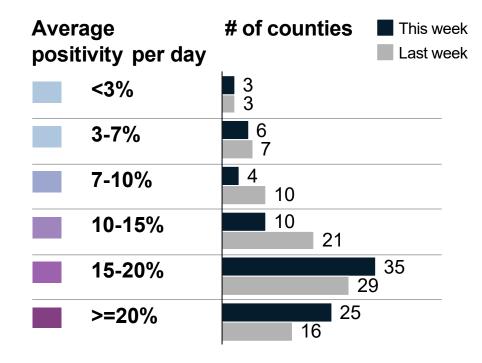
#### Daily positivity and 7-day rolling average positivity for Michigan



- Early in the pandemic, testing was not as robust as it has been since July 2020 to present
- Positivity is an early indicator of SARS-CoV-2 Transmission (as positivity increases, we expect case rates to follow)
- Current statewide positivity is the highest it has been since April 22, 2020\*
- · These are for PCR tests only and exclude tests conducted with Michigan Department of Corrections

#### Positivity by county, 3/26-4/1



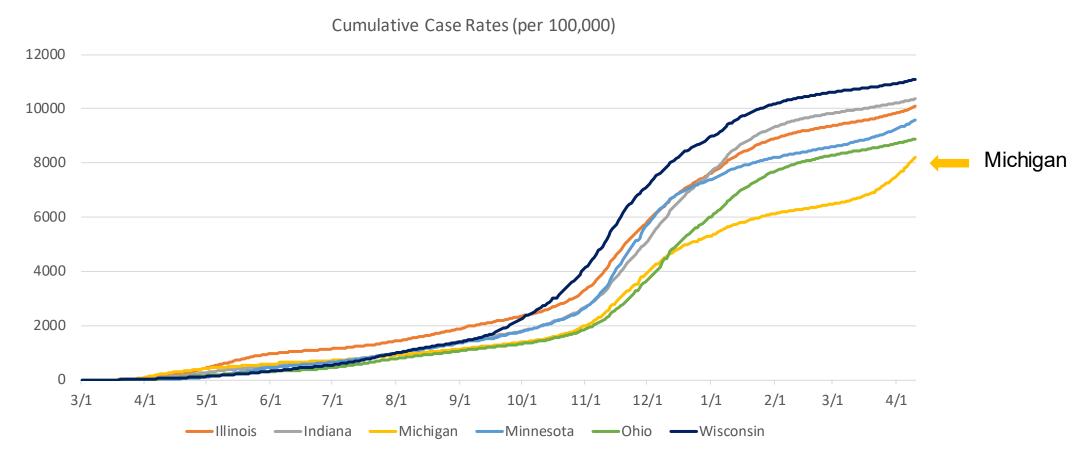


#### **Updates since last week:**

70 of 83 counties saw double digit positivity in the last week (7 county increase)

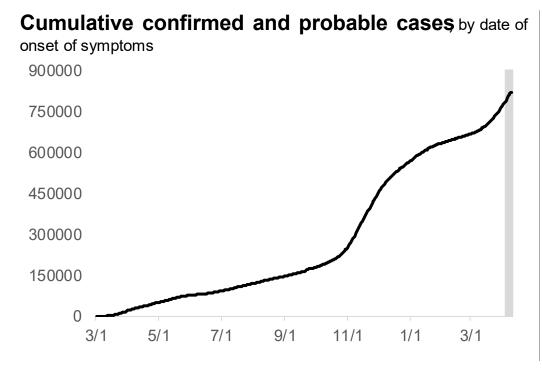
74 of 83 counties saw positivity > 7% in the last week (1 county increase)

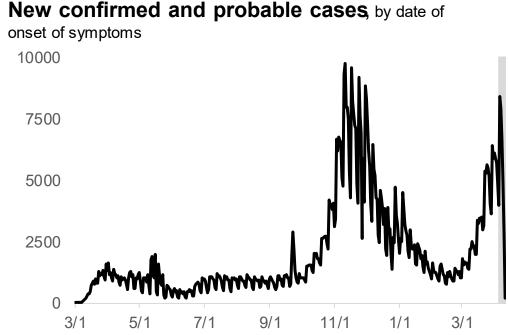
#### **Cumulative COVID-19 Case Rates: Midwest Comparison**



- Cumulative incidence per 100,000 cases in Michigan has been lower than other states in the Midwest following spring 2020 surge
- Michigan's mitigation policies helped control the spread of SARS-CoV-2 relative to other states in the Midwest, particular during surge in November and December
- The current trajectory in Michigan is bringing us closer to case rates of our Midwest neighbors

#### **COVID-19** cases by onset date: State of Michigan



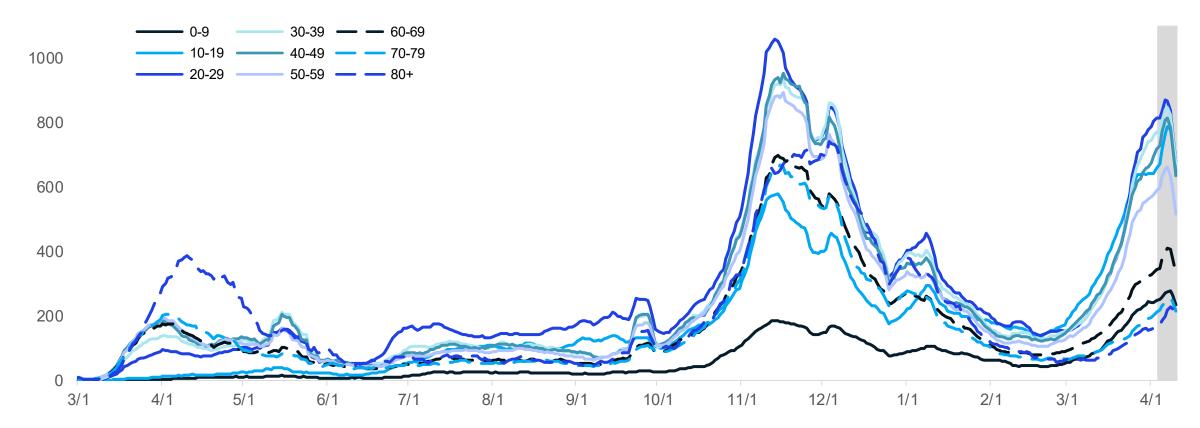


#### **Updates since last week:**

- Cases have increased for over seven weeks
- Statewide case rate above risk level E (above 150 cases/million)
- There are over 5,500 new cases per day

#### Age group: average new daily cases

Daily new confirmed and probable cases per million by age group (7-day rolling average)



- All age groups by decade are increasing
- Those aged 20-29 and 30-39 have the highest case rates
- There are over 5,500 new cases per day

#### Age group: average new daily cases and daily case rate

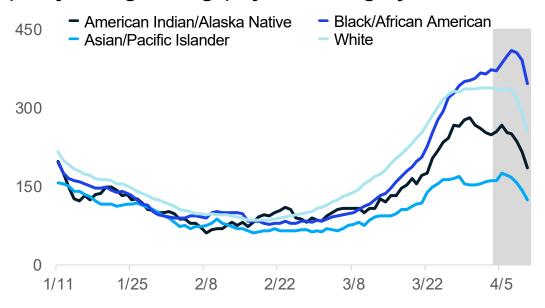
Daily new confirmed and probable cases per million by age group (7-day rolling average)

Age Group	Average daily cases	Average Daily Case Rate	One Week % Change (Δ#)	% Change since 2/19* (Δ #)
0-9	285.3	247.5	14% (35)	479% (236)
10-19	827.3	659.2	3% (27)	386% (657)
20-29	1123.6	814.4	15% (146)	483% (931)
30-39	935.3	771.0	16% (126)	501% (780)
40-49	845.3	716.7	16% (116)	482% (700)
50-59	796.4	589.8	13% (89)	457% (653)
60-69	440.0	344.9	15% (56)	331% (338)
70-79	162.4	211.8	26% (33)	231% (113)
80+	70.9	171.1	18% (11)	138% (41)
Total¶	5,513.1	552.2	13% (639)	429% (4,450)

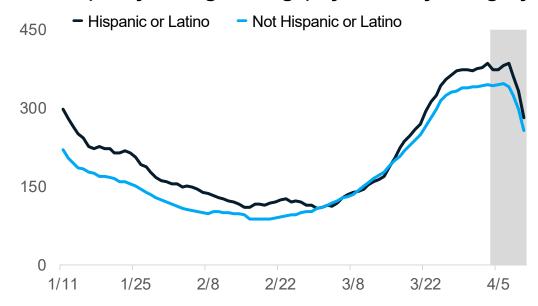
- Daily number of cases (1,123.6) and daily case rate (814.4 cases/mil) is currently highest for those 20-29
- All age groups under 70 are experiencing an average of more than 200 cases per day
- Since February 19, case rate increases and number of cases have been highest among those under 70 years of age

#### Average daily new cases per million people by race and ethnicity

## Daily new confirmed and probable cases per million (7 day rolling average) by race category



## Daily new confirmed and probable cases per million (7 day rolling average) by ethnicity category

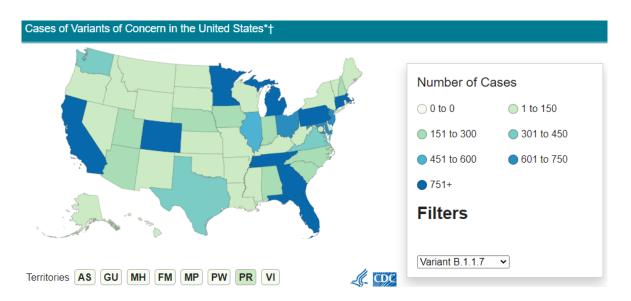


#### **Updates since last week:**

- Cases per million are increasing for all races and ethnicities
- Most recent data show that Blacks and Hispanic/Latinos have the highest case rates
- In the past 30 days, 37% of all cases represent unknown, multiple, or other races (31% of race is unknown, ↑1%)
- In the past 30 days, 36% of all cases have an unknown ethnicity reported (↑ 3%)

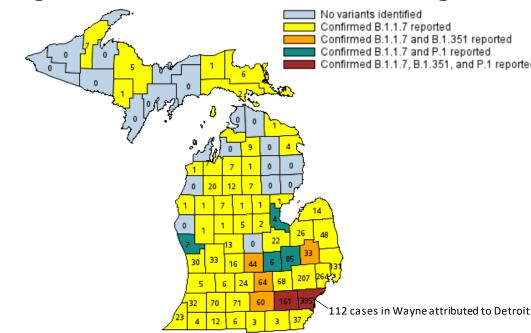
## Identified COVID-19 Cases Caused by All Variants of Concern in US and Michigan

## **Emergent Variant Cases of Concern in the United States**



Variant	Reported Cases in US	Number of Jurisdictions Reporting
B.1.1.7	20915	<sub>52</sub> ( <b>1</b> )
B.1.351	453	<sub>36</sub> (个5)
P.1	497	<sub>31</sub> ( <b>19</b> )

#### **Emergent Variants of Cases in Michigan**



Variant	Reported Cases in MI	Number of Counties Reporting Cases
B.1.1.7	2,640*	62
B.1.351	9	6
P.1	9	5

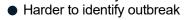
<sup>\* 513</sup> cases within MDOC; 4 cases currently out of state or county unknown

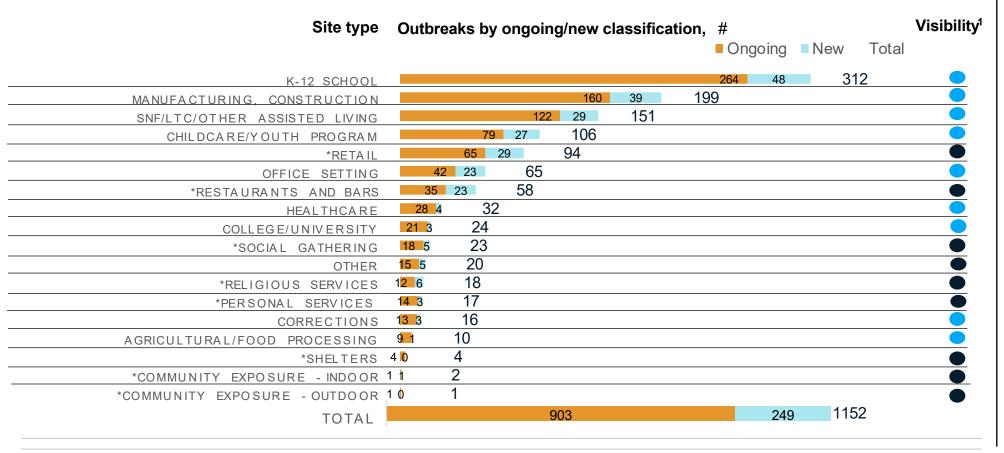
Data last updated April 12, 2021

#### Number of outbreak investigations by site type, week ending Apr 8

Pre-decisional, for discussion only Draft

Easier to identify outbreak





Total number of active outbreaks is up 16% from previous week

Following K-12 (48), the greatest number of new outbreaks were reported in manufacturing/ construction (39), SNF/LTC (29), retail (29), childcare/youth programs (27), office settings (23), and restaurants & bars (23).

LHDs reported new outbreaks in all settings except shelters and outdoor community exposures.

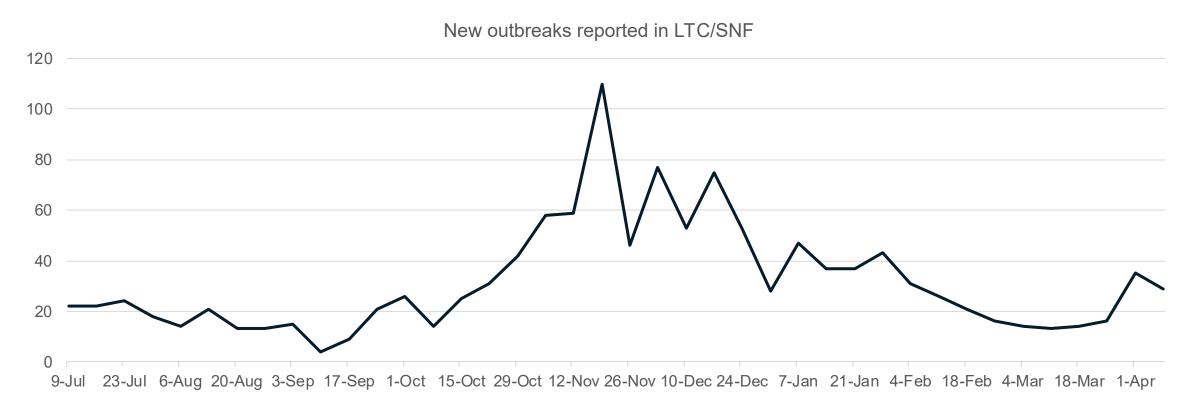
NOTE: Many factors, including the lack of ability to conduct effective contact tracing in certain settings, may result in significant underreporting of outbreaks. This chart does not provide a complete picture of outbreaks in Michigan and the absence of identified outbreaks in a particular setting in no way provides evidence that, in fact, that setting is not having outbreaks.

Source: LHD Weekly Sitreps

<sup>1.</sup> Based on a setting's level of control and the extent of time patrons/residents spend in the particular setting, different settings have differing levels of ability to ascertain whether a case derived from that setting

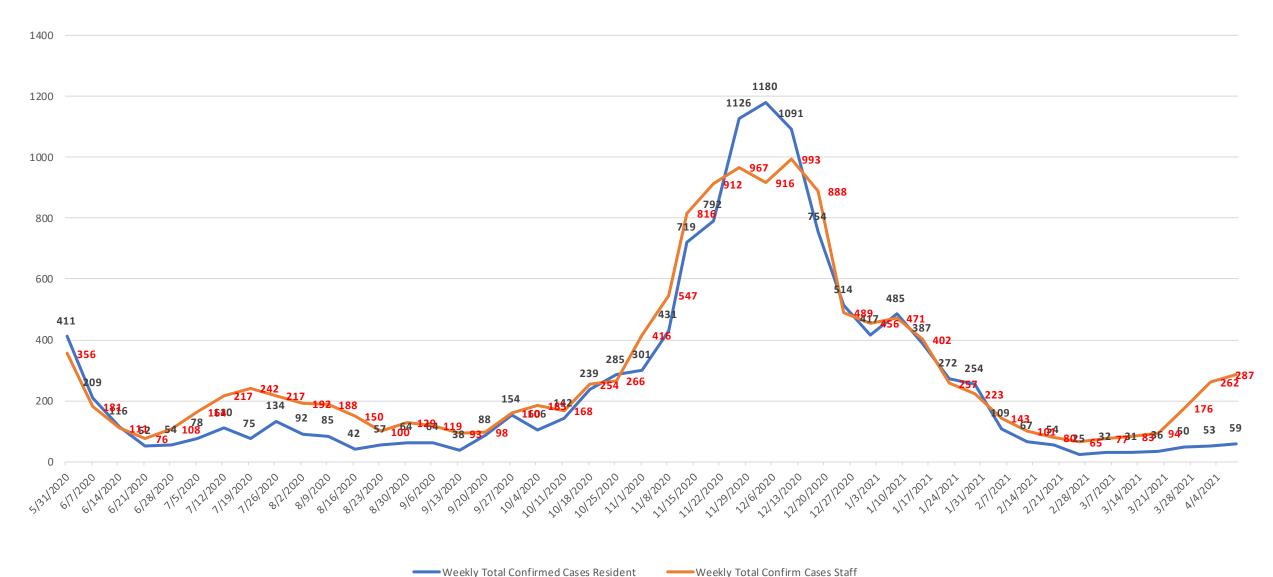
#### Long-Term Care Facilities: Number of Outbreak Investigations by Week

#### Weekly new outbreaks in LTC/SNF through April 8



- The number of outbreaks in long term care facilities had been reflecting case trends in the community
- Outbreaks peaked in mid-November
- Increases are again seen recently in LTC/SNF

## STATE OF MICHIGAN WEEKLY TOTAL CONFIRMED COVID-19 CASES IN NURSING HOMES - RESIDENTS AND STAFF 05/31/2020 to 04/09/2021



#### K-12 school outbreaks, recent and ongoing, week ending Apr 8

Number of reported outbreaks increased since last week (301 to 312) including increases in Administrative (4 to 5), Middle/Jr High (64 to 68), and Pre-K – Elementary (61 to 74). Only High Schools decreased (172 to 165).

Region	Number of reported cases,#	# Ongoing - Excluding New # New	Number of outbreaks	Range of cases per outbreak
Region 1	385 99		60	2-59
Region 2n	306 61		103	2-28
Region 2s	139 30		27	2-20
Region 3	539 65		43	2-54
Region 5	143 15		22	2-41
Region 6	246 27		30	2-45
Region 7	151 21		25	2-26
Region 8	19 0		2	2-17
Total	1,92	28 318	312	2-59
	<b>'</b>			

Grade level	Number of reported cases,#	# Ongoing - Excluding New # New	Number of outbreaks	Range of cases per outbreak
Pre-school - elem.	244 80		74	2-44
Jr. high/middle school	355 60		68	2-59
High school	1,321	176	165	2-54
Administrative	8 2		5	2-2
Total	1,928	318	312	2-59

Many factors, including the lack of ability to conduct effective contact tracing in certain settings, may result in significant underreporting of outbreaks. This chart does not provide a complete picture of outbreaks in Michigan and the absence of identified outbreaks in a particular setting in no way provides evidence that, in fact, that setting is not having outbreaks. Source: LHD Weekly Sitreps

#### **COVID-19 K-12 Sports Related Clusters and Cases**

Over 291 clusters associated with 1,091 cases since January 2021



- Cases identified by local public health which include school-affiliated and club/travel/regional sports (spectators, collegiate, and professional sports as well as secondary cases to collegiate/professional sports are excluded)
- Since January 2021, basketball, hockey, and wrestling have had the highest number of cases and clusters
- Cases and clusters have occurred in 20 different sport settings

#### **COVID-19 and Healthcare Capacity and COVID Severity**

Hospitalizations and ICU utilization are increasing

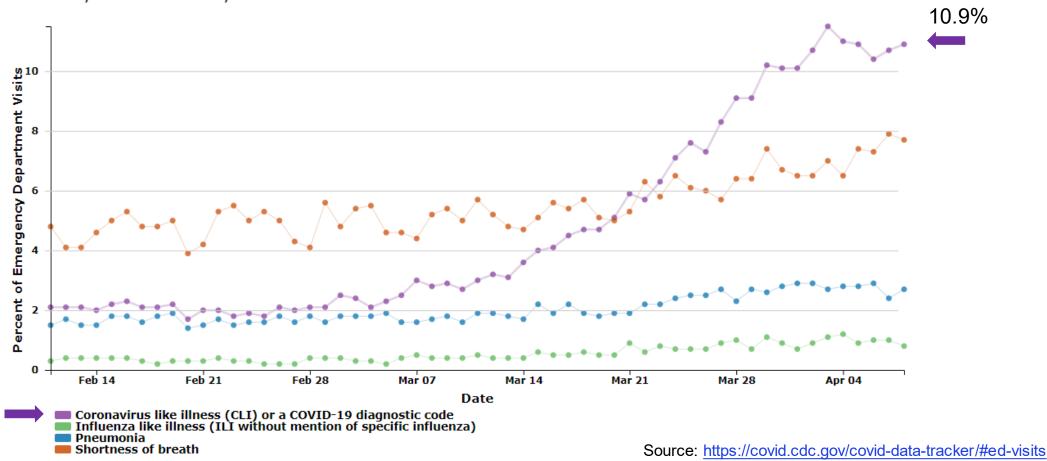
- COVID-like illness (CLI) has increased to 10.9%
- Hospital admissions are increasing for all age groups and are highest for those 50-59 and 60-69 years
- Hospitalizations up ~26% since last week
- All regions are showing increasing hospitalization trends this week
- Volume of COVID-19 patients in intensive care (ICU) has increased 25% since last week

Deaths trends have shifted and are now increasing to 3.4 deaths per million

- Deaths are a lagging indicator of cases and hospitalization
- Deaths are up 39% since last week (accelerated growth)
- Deaths are up 144% since the March 9 low
- Proportion of deaths among those 60+ is slowly declining

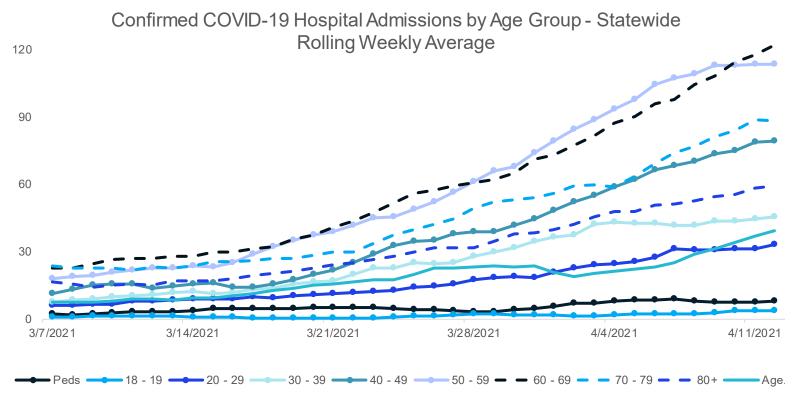
## Michigan Trends in Emergency Department Visits for COVID-19-Like Illness (CLI)

Percentage of ED visits by syndrome in Michigan: COVID-19-Like Illness, Shortness of Breath, Pneumonia, and Influenza-Like Illness



#### **Average Hospital Admissions by Age**

#### Confirmed COVID-19 Hospital Admissions by Age Group - Statewide Rolling Weekly Average



Age Group	Daily Avg Adm.	One Week % Change (#)	% Change since 2/28* (#)
Peds	7.9	-10% (-0.9)	139% (4.6)
18-19	3.7	73% (1.6)	767% (3.3)
20-29	33.1	30% (7.6)	544% (28.0)
30-39	45.6	7% (3.0)	423% (36.9)
40-49	79.4	28% (17.4)	672% (69.1)
50-59	113.6	16% (15.7)	774% (100.6)
60-69	122.0	35% (31.7)	533% (102.7)
70-79	88.1	38% (24.4)	378% (69.7)
80+	59.6	24% (11.6)	293% (44.4)
Total¶	592.6	28% (129.6)	489% (492.0)

<sup>\*</sup> Lowest 7-day avg. hospital admissions following winter surge

<sup>¶</sup> Total may not reflect state due to missing age data

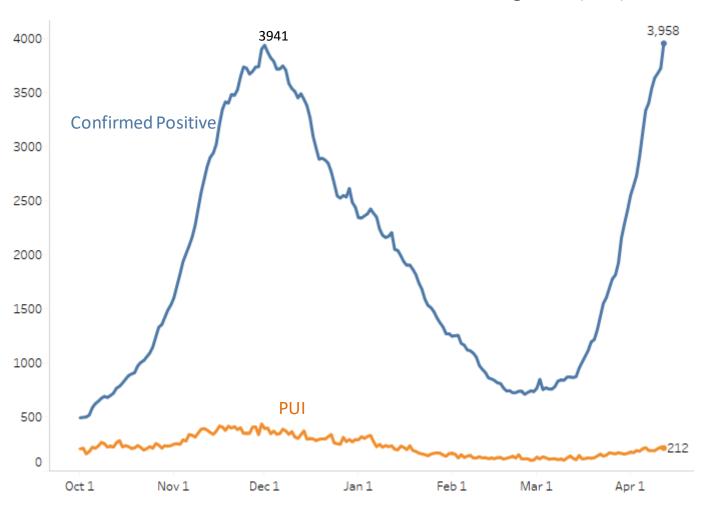
- Over the past week, those 60-69 have seen the greatest increase in avg. daily hospital admissions
- Since Feb 28 low, those 50-69 have seen the greatest increase in avg. daily hospital admissions and percent change

Source: CHECC & EM Resource

<sup>•</sup> Currently, there are approximately 593 daily hospital admissions for COVID-19

#### Statewide Hospitalization Trends: Total COVID+ Census

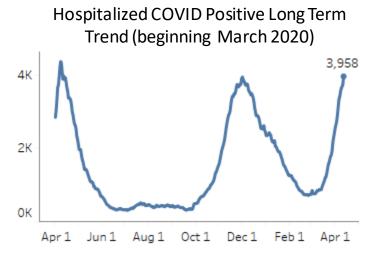
Hospitalization Trends 10/1/2020 – 4/12/2021 Confirmed Positive & Persons Under Investigation (PUI)



COVID+ census in hospitals continues to rise, though at a slower rate. This week is up 26% from the previous week (vs. 45% increase last week) and exceeds the Dec. 1<sup>st</sup> 2020 winter peak.

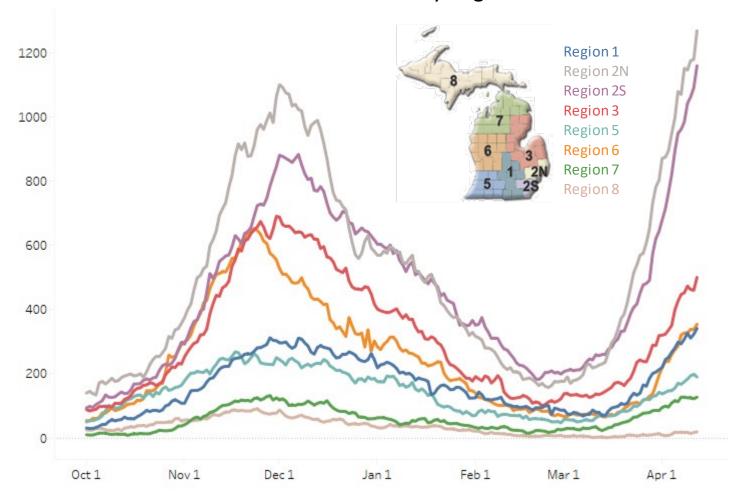
Doubling time has slowed to ~21 days this week (from doubling every 12-14 days over the past 3 weeks)

Slower increase is driven mainly by faster discharge rates as new admissions for COVID were up ~40% week over week (~4100 new admissions this week)



#### Statewide Hospitalization Trends: Regional COVID+ Census

Hospitalization Trends 10/1/2020 – 4/12/2021 Confirmed Positive by Region



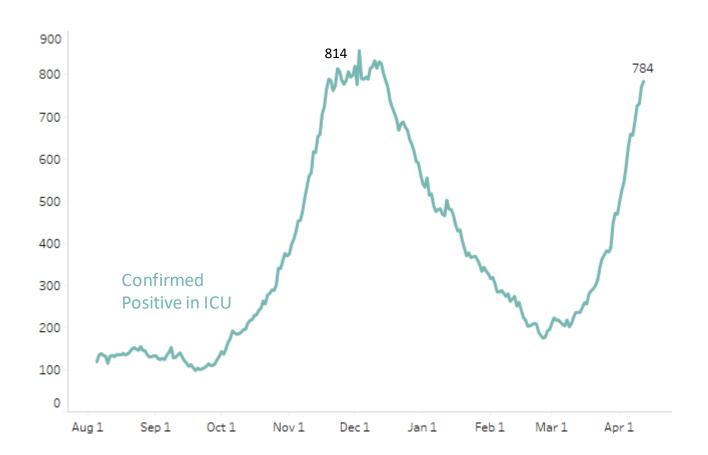
All regions are showing increasing hospitalization trends this week although growth is slower in Region 7 and 8 this week.

4 Regions are >300/M and Region 2N + 2S are >500/M population hospitalized.

Region	COVID+ Hospitalizations (% Δ from last week)	COVID+ Hospitalizations / MM
Region 1	341 (+22%)	315/M
Region 2N	1268 (+ <mark>27%</mark> )	573/M
Region 2S	1159 (+30%)	520/M
Region 3	500 (+26%)	441/M
Region 5	190 (+23%)	199/M
Region 6	354 (+ <mark>29%</mark> )	241/M
Region 7	127 (+9%)	254/M
Region 8	19 (+6%)	61/M

#### Statewide Hospitalization Trends: ICU COVID+ Census

Hospitalization Trends 8/1/2020 – 4/12/2021 Confirmed Positive in ICUs



Overall, volume of COVID+ patients in ICUs has increased 25% from last week mainly in Regions 2S, 2N and 3.

Total ICU COVID+ census is nearing winter peak levels.

Regions 1 and 3 have >90% overall ICU occupancy.

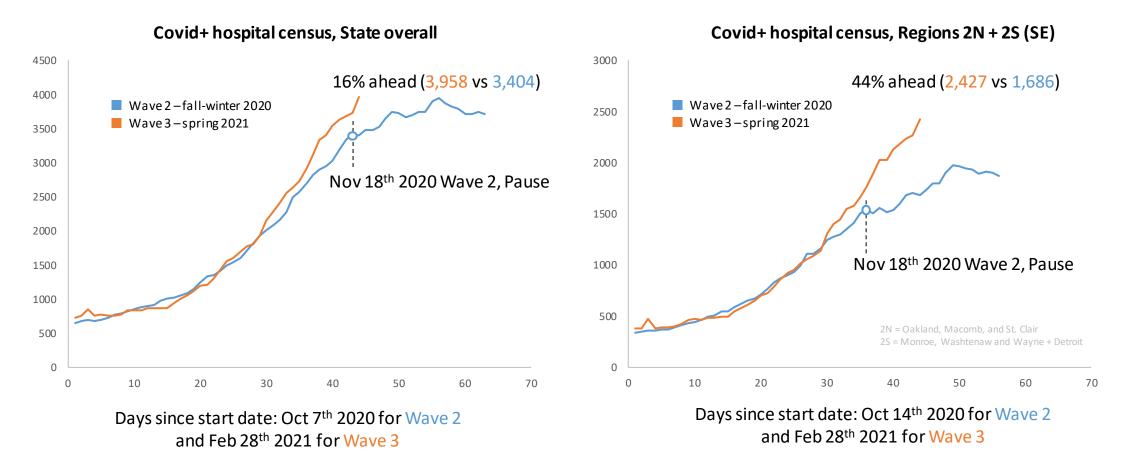
4 regions have >30% of ICU beds occupied with COVID patients.

Region	Adult COVID+ in ICU	Adult ICU Occupancy	% of Adult ICU beds COVID+
Region 1	46 (-4%)	95%	24%
Region 2N	198 (+30%)	78%	34%
Region 2S	250 ( <del>+51</del> %)	82%	33%
Region 3	115 (+28%)	92%	32%
Region 5	42 (+11%)	88%	26%
Region 6	81 (+4%)	78%	32%
Region 7	42 (-14%)	77%	23%
Region 8	10 (+25%)	66%	17%

Hospital bed capacity updated as of 4/9

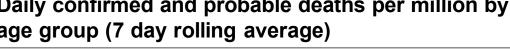
#### Wave 2 and 3 Growth Rate Comparison (through 4/12)

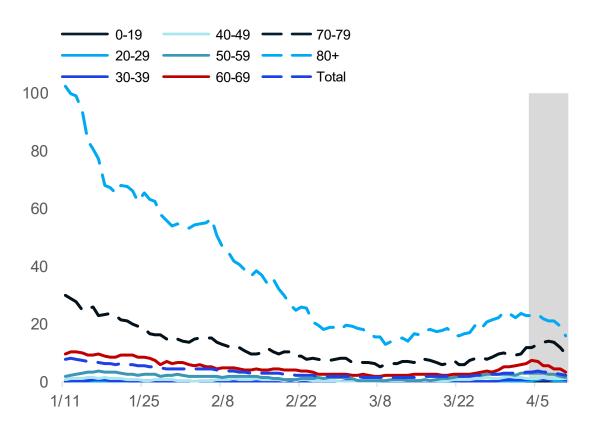
- Statewide hospitalizations are 16% higher than the winter wave (wave #2) when aligned to the same starting point.
- Regions 2N and 2S (SE) are a week ahead of their winter wave growth with 44% higher hospitalizations vs. comparable starting point reflecting earlier start and continued rise in census this wave (wave #3)



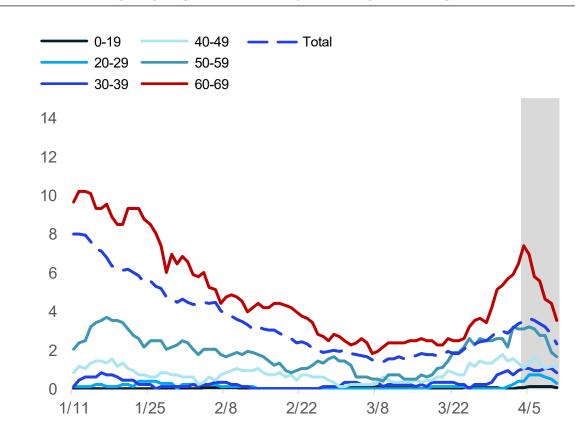
#### Average and total new deaths, by age group

Daily confirmed and probable deaths per million by age group (7 day rolling average)





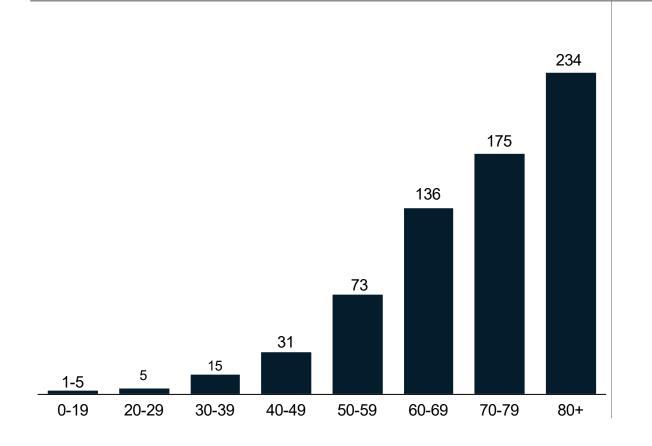
Under 70 daily confirmed and probable deaths per million by age group (7 day rolling average)



Note: Death information sourced from MDHHS and reflects date of death of confirmed and probable cases.

#### Average and total new deaths, by age group

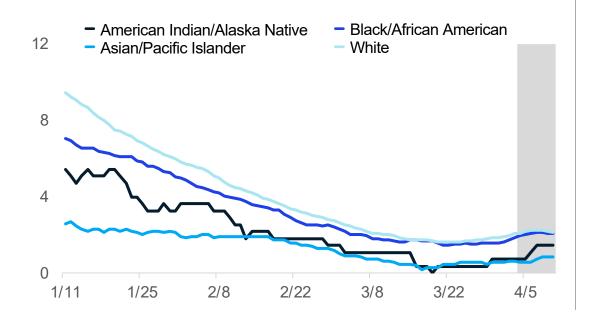
Total confirmed and probable deaths by age group (past 30 days, ending 4/3/2021)



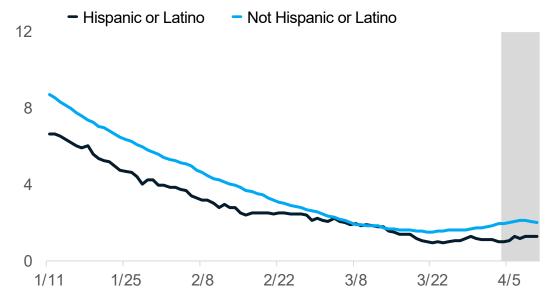
- All age groups (by decade) are seeing increases in deaths
- In the past 30 days, 19% of deaths occurred in those under 60 years of age
  - This is an increase of 4% from last week

## 30-day rolling average daily deaths per million people by race and ethnicity

#### Average daily deaths per million people by race



### Average daily deaths per million people by ethnicity



#### **Updates since last week:**

- Deaths are a lagging indicator of cases, and death rates are increasing among racial and ethnic groups
- Whites and Blacks have the most reported deaths per capita while Non-Hispanic Latino have experienced a larger increase
- Deaths are not adjusted for confounders (e.g., age, sex, comorbidities)

#### How is public health capacity?

Diagnostic testing volume (PCR and antigen) has increased from last week

- PCR testing increased since last week
- Percent of antigen tests declined slightly since last week

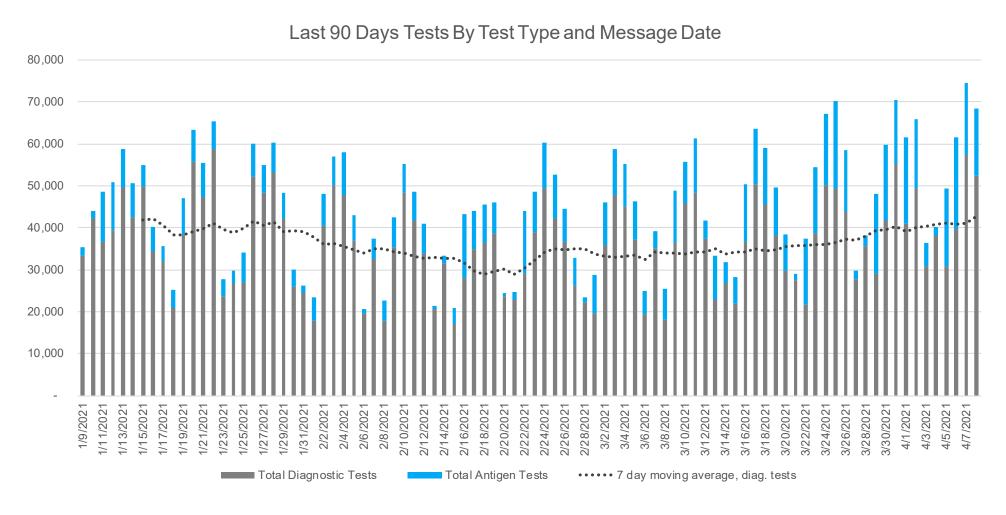
#### Testing

- Testing is higher in Michigan compared to the nation, but this doesn't explain the higher positivity
  - K-12
  - College and University
  - Pop-up testing for spring break travelers
- Support for community testing sites in socially vulnerable areas continues

Cases identified for investigations has sharply increased

- Number of cases not investigated this week (39,107) exceeds total number of cases reported the prior week (34,666)
- Consistent low proportion of cases interviewed with a source of known infection (indicating community acquisition)
  - As cases have increased, the percent of interviews completed has declined
- Consistent low proportion of those quarantining when their symptoms begin (indicating no effective halt in community transmission)

#### Daily diagnostic tests, by message date

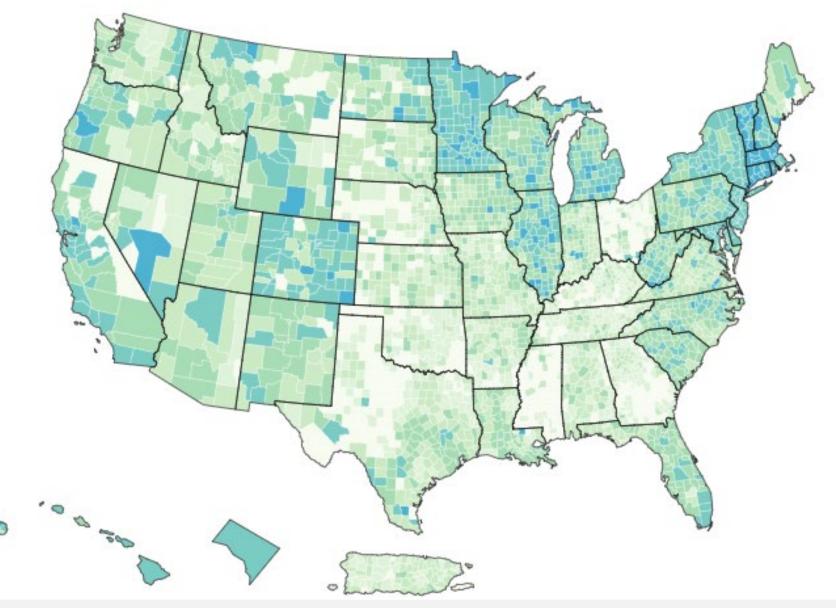


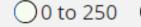
#### Weekly Update

- 56,658 rolling 7-day average daily diagnostic tests reported to MDHHS (PCR + Ag) (↑)
- 42,623 average daily PCR tests (↑)
- 24.8% are antigen tests over the past week (↓)
- 18.5% positivity in PCR tests (↑)

Source: MDSS/Michigan Medical Advantage Group, MDHHS, testing labs

## PCR Tests per 100,000









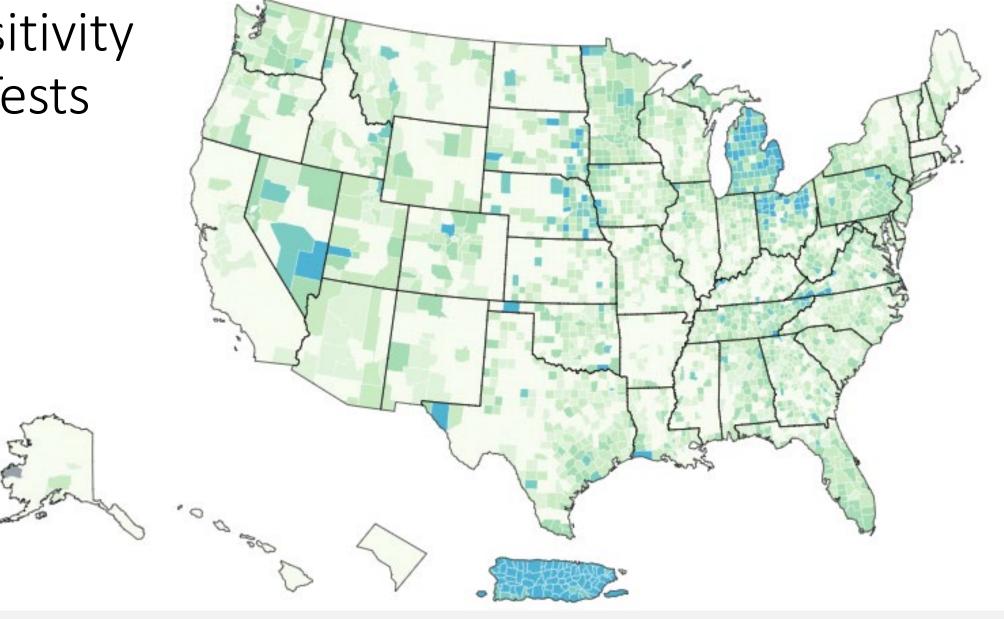




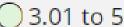




## % Positivity **PCR Tests**

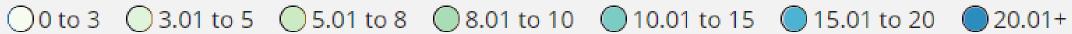


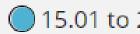








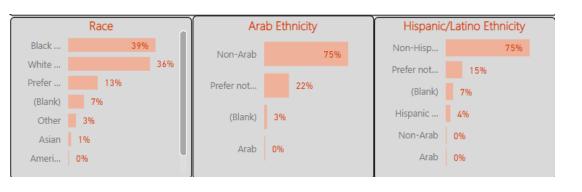


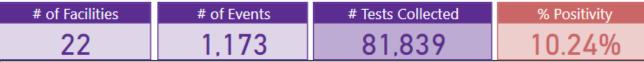


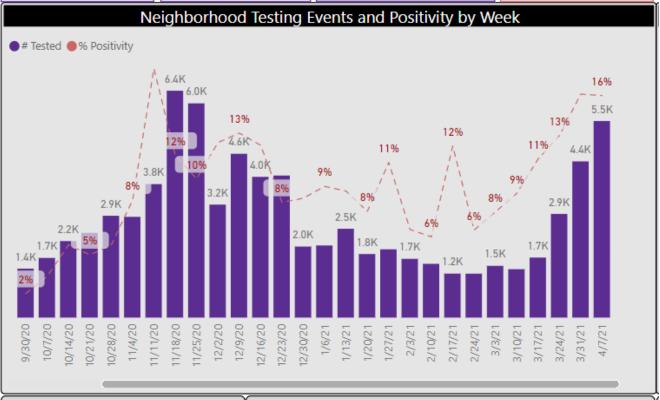


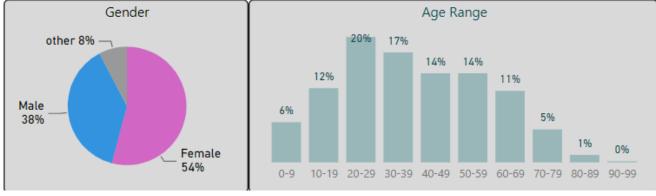
## Neighborhood Testing Sites\*

\*We continue to support community testing sites in socially vulnerable areas



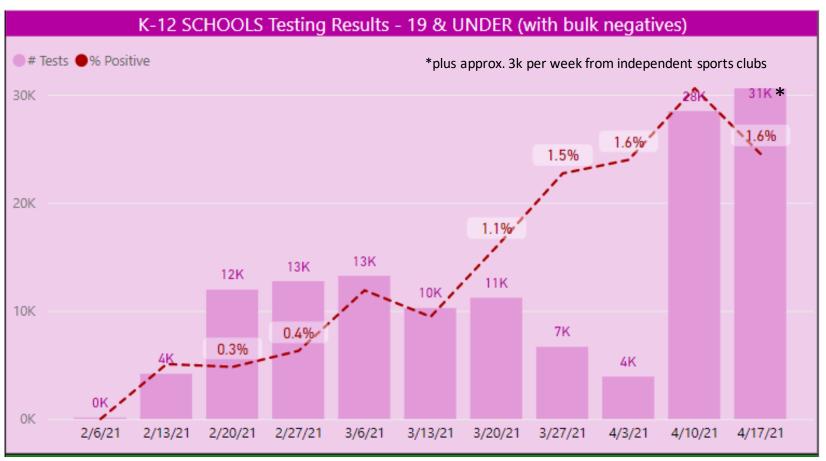






K-12 and Sports Testing



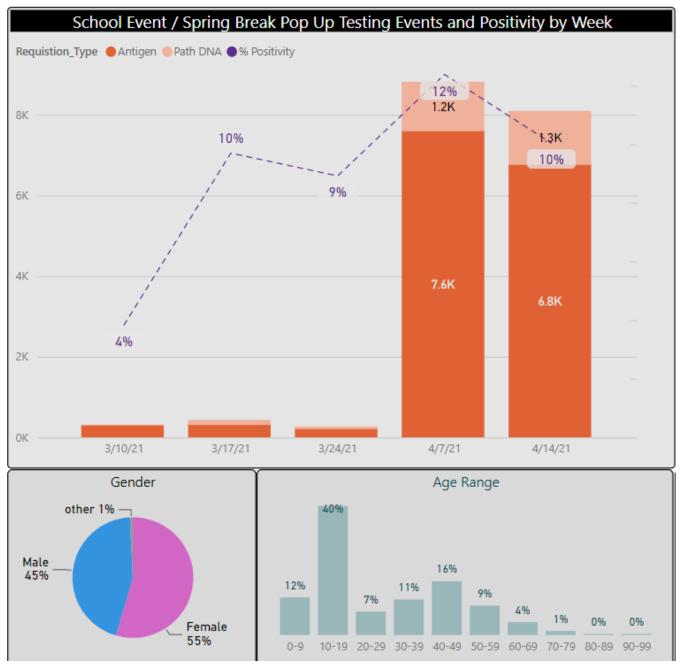


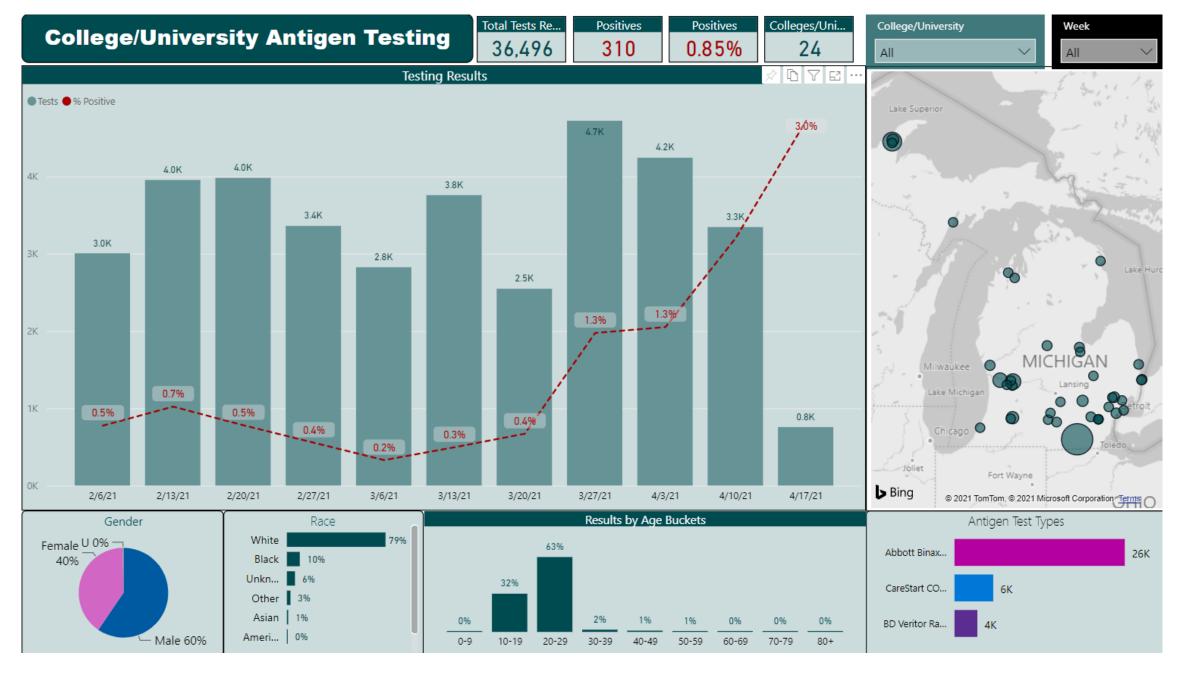
- Testing in K-12 students is at an all time high
  - We have received 34K tests from schools and youth sports clubs in the current week alone
- We continue to have testing available for educators on a weekly basis

Spring
Break
Pop-Up
Events



- We continue to work with school districts to host post-spring break testing sites
- We have collected over 17k tests thus far, with many more events planned





We are following this trend in percent positivity closely

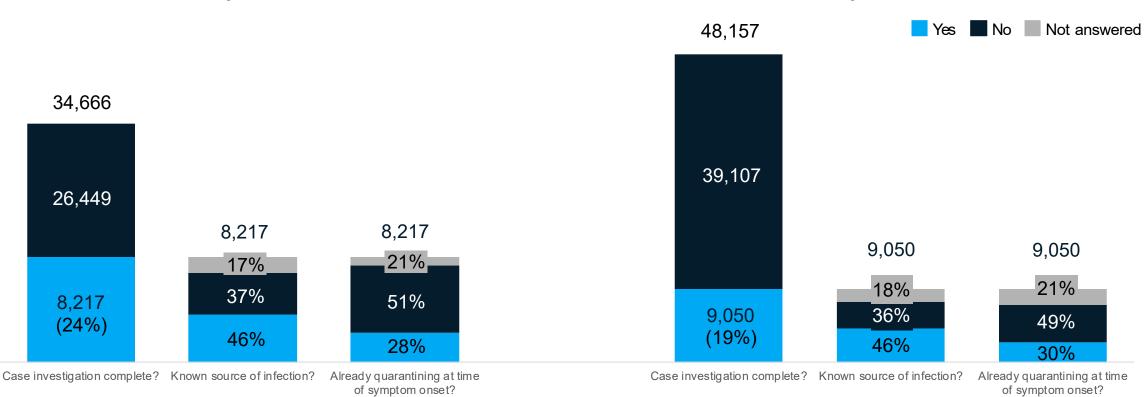
#### **New Case Investigation Metrics (Statewide)**

New Communicable Disease metrics this week:

- Number of cases not investigated this week (39,107) exceeds total number of cases reported the prior week (34,666)
- Number of case investigations completed increased although percent completed (19%) decreased
- 46% of investigated cases having a known source (46% last week, 45% week prior)
- 30% of investigated cases noting that they were quarantining before symptoms (28% last week)



#### 04/03-04/10 Case report form information



#### **COVID-19 Vaccination**

#### National Comparisons

■ 10<sup>th</sup> for number with first dose; 10th for number fully vaccinated

#### Vaccine Coverage

41.9% of MI residents have initiated COVID vaccination series and 27.5% have completed their series

#### Addressing vaccine disparities

- Coverage was highest among Non-Hispanic White individuals
- Racial/ethnic disparities smaller in 65 years and older age group
- Case rates are lower in age groups with higher vaccination coverage

#### Vaccinated Individuals Who Test Positive

- Number of cases who are fully vaccinated (n=334) is not in excess of what might be expected with vaccines with 95% efficacy.
- Possibility of infection and further transmission is why recommend precautions in public (e.g. wearing masks, washing hands and social distancing) even after receiving the vaccine until more Michiganders have been able to be vaccinated

#### Doses Shipped, Administered, and Coverage

6,233,325 state doses shipped (including state doses transferred to federal programs 5,445,355 doses administered

4 weeks with more than 500,000 doses administered in a week; 10 days over 100,000 in a day 632,661 doses administered last week

41.9% of MI residents have initiated COVID vaccination series

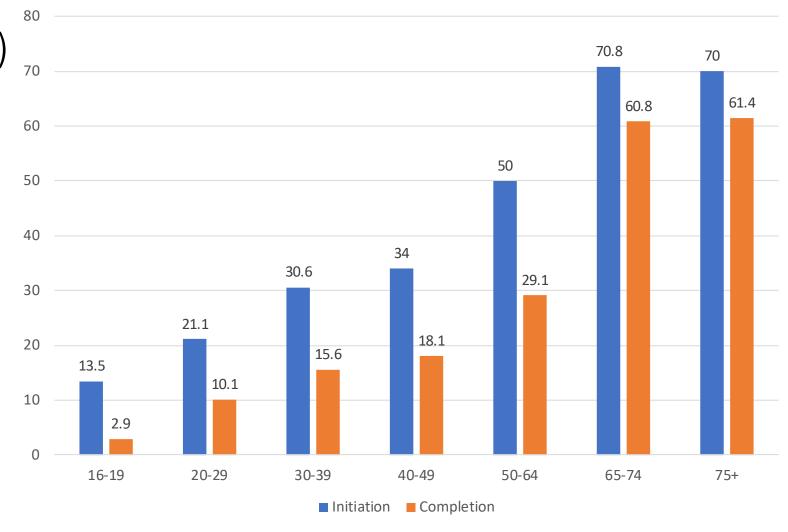
27.5% have completed their series or **2,226,729 people** 

### Vaccination by Age Group (4/12/21 data)

70.5% people aged 65 or older (1.24M) have received one or more doses of vaccine

61.4% people aged 65 or older have completed their vaccine series

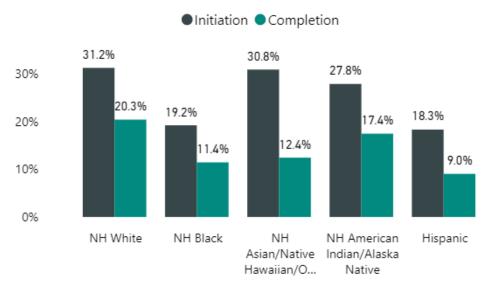
#### Vaccine Coverage by Age Group



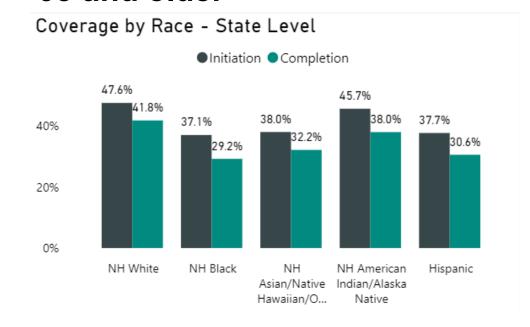
#### Coverage by Race: State Level data 4/12/21

#### 16 and older

Coverage by Race - State Level



#### 65 and older

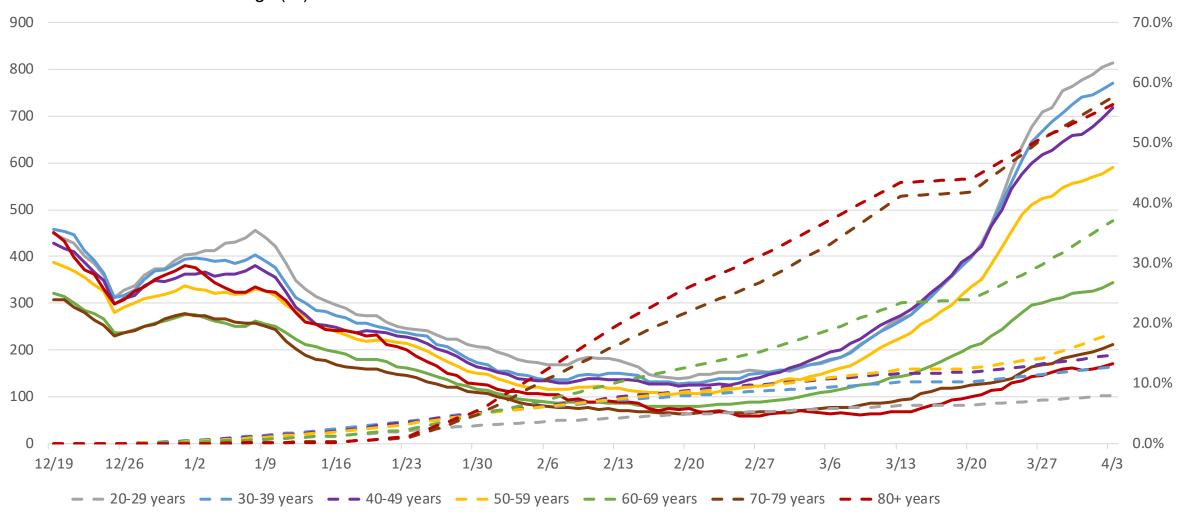


- Coverage was highest among those of NH (Non-Hispanic) White Race (31.2%), then NH Asian, Native Hawaiian or Pacific Islander Race (30.8), NH American Indian (27.8%), NH Black or African American (19.2%) Races, and Hispanic (18.3%) ethnicity
- Initial Coverage disparities are seen in 65+ age group showed the same disparity, but the differences between Non-Hispanic White individuals (47.6%) and Non-Hispanic Black or Hispanic individuals (37.1% and 37.7%) were smaller.
- 28.7% data missing or unknown

#### Comparing Vaccine Coverage and Case Rate Trends (Dec 19 – Apr 3)

Solid lines – case rates per million (7-day rolling average)

Dashed lines – vaccine coverage (%)



#### Potential COVID-19 Vaccination Breakthrough Cases

#### **Process:**

- Michigan part of CDC's nationwide investigation (CDC website forthcoming)
- Weekly match COVID-19 cases to records of all fully vaccinated persons
- Absence of a positive test less than 45 days prior to the post-vaccination positive test
- Send data to CDC and, if available, gather respiratory specimens for whole genome sequencing

#### Michigan Data (1/1/21 through 4/6/21):

- 334 cases met criteria based on symptom onset or positive test 14 or more days after being fully vaccinated
- Less than 1% of people who were fully vaccinated met this case definition
  - Includes 4 deaths, all persons 65 years or older, three had prior PCR positive greater than 45 days prior
  - 16 cases were hospitalized

#### **Summary Points:**

- Number of potential cases identified to date is not in excess of what might be expected with vaccines with 95% efficacy.
- Proportions of those symptomatic, hospitalized, and who died are all lower than those who are unvaccinated.
- Continue to encourage precautions while out in public, including wearing masks, washing hands and social distancing, even after receiving the vaccine until more Michiganders have been able to be vaccinated.

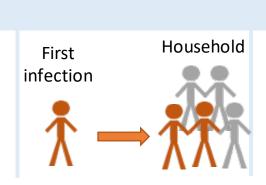
## Household Infection Rate (Secondary Attack Rate)

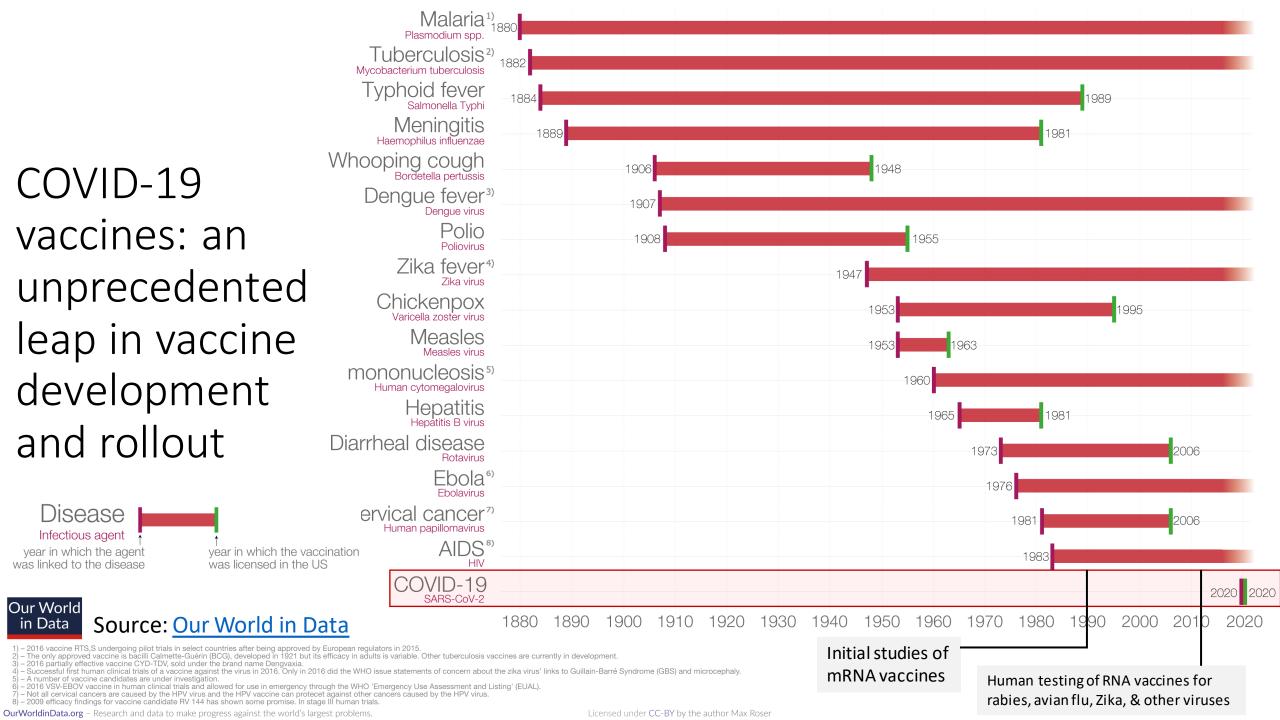
The % of housemates infected from a single person

- SARS-CoV-2: 16.6%
  - Compare to SARS-CoV (2003) 7.5% and MERS 4.7%.



**69% of households** had additional infections and **43% of household members** infected.





EXTRA

## The Michigan Daily

Latest Deadline in the State

VOL. LXV. No. 129

ANN ARBOR, MICHIGAN, TUESDAY, APRIL 12, 1955

SIX PAGES

## SALCHUMARHAISSERIVE



-Daily-Esther Goudsmit TODD LEIF ... top Union officer

Union To Be Led

the leadership of Todd Leif '56 and Bob Biossey, 56BAd, it was

By Leif, Blossey



-Daily-Esther Goudsmit BOB BLOSSEY ... executive secretary

#### Adlai Raps Ike's Policy On Quemoy

#### Force Censure In Straits Asked

CHICAGO (P)-Adlai Stevenson said last night the Eisenhower administration's Far Eastern policy has gotten the United States into a position where it faces "either another damaging and humiliating retreat, or else the hazard of

He said he has "the greatest misgivings about risking a third world war in defense of" Quemoy and the Matsu Islands. Chiang Kaishek's Nationalist outposts off the Red China coast.

#### 'Dead-End Policy

Stevenson said in a broadcast on two nationwide radio networks that the Eisenhower administra-The Michigan Union will enter its second half century under tion is "pursuing a dead-end policy in Asia," which he said was dictated by political expedience at





DR. THOMAS FRANCIS JR. (left) AND DR. JONAS E. SALK (right) - Dr. Francis reported success of Salk vaccine to scientists and newsmen today after months of intensive statistical analysis. Dr. Salk made medical history by discovering the first effective means of preventing paralytic polio.

WASHINGTON (P) - President Dwight D. Eisenhower an-

#### LEGAL QUESTION:

Committee To Consider

### Report It Works 8-9 Times in 10

Vaccine Completely Safe—Francis; Polio Fight Enters Final Stage

By LEE MARKS

Salk vaccine works.

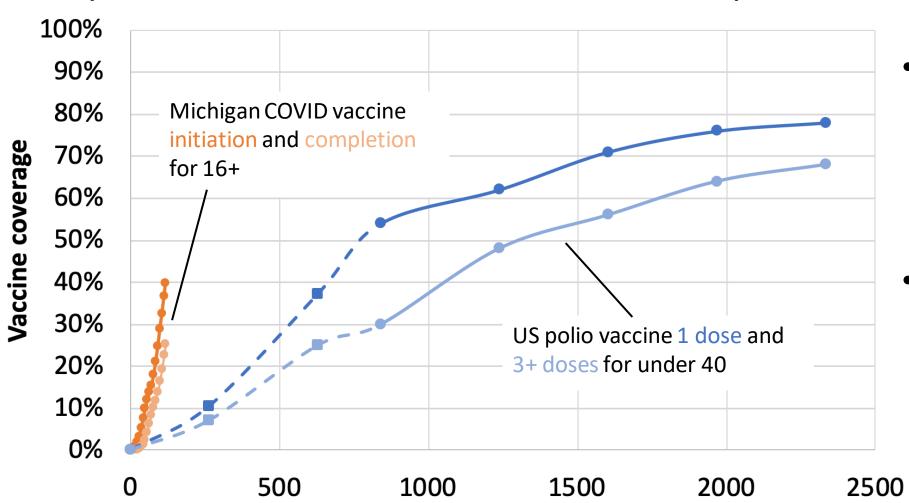
After months of anticipation, an anxious world today heard Dr. Thomas Francis, Ir. report that the vaccine is between 80 and 90 per cent effective.

It is absolutely safe.

Speaking at a meeting of more than 500 scientists and physicians. Dr. Francis claimed the vaccine had produced "an extremely successful effect" among bulbar patients in areas where vaccine and a harmless substitute had been used interchangeably.

There is now no doubt that the fight against polio is nearing an end. Children can definitely be inoculated successfully against the crippling effects of paralytic polio, Dr.

# COVID-19 vaccines represent an unprecedented leap forward in vaccine development & rollout



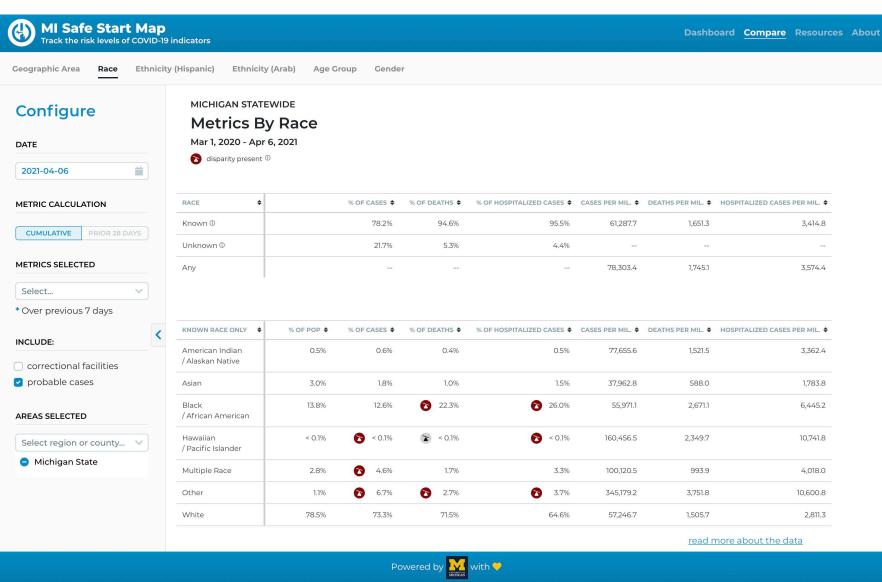
Days since vaccine authorization

- Rapid coverage increase in COVID vaccine coverage (16+) compared to 1955 polio vaccine rollout (<40)</li>
- Note that priority groups are different for the two vaccines and both have changed over time

Sources: MDHHS, Sirken, 1962, National Participation Trends, 1955-61 in the Poliomyelitis Vaccination Program. Thrupp et al, Surveillance of Poliomyelitis in the United States in 1957



# MI Start Map updates: new disparities dashboard



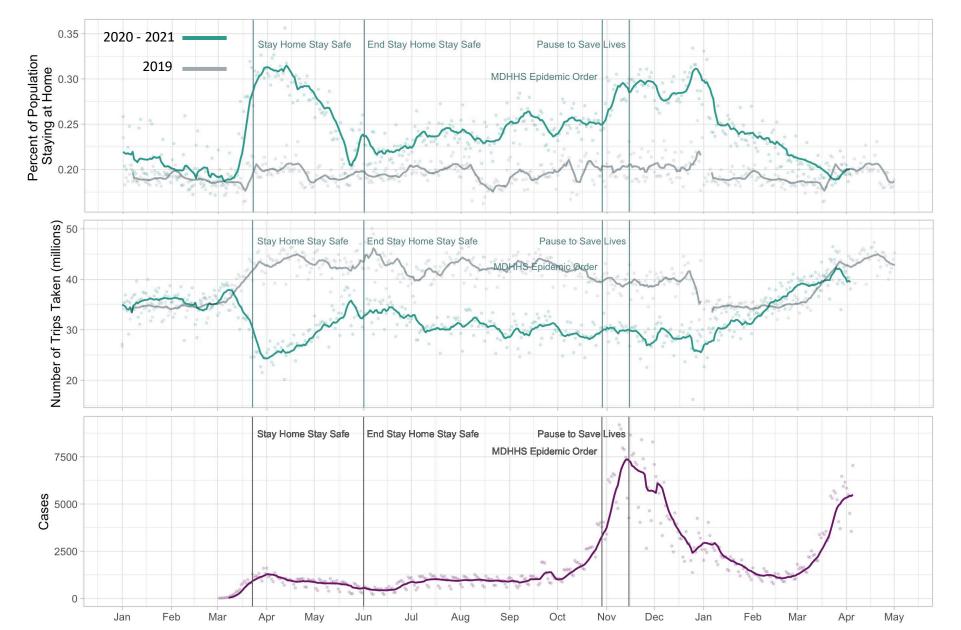
- Cases, deaths, and hospitalized cases can now be compared by:
  - Race
  - Ethnicity
  - Age group
  - Gender
- Disparity indicated if a group has at least 33% more cases, deaths, or hospitalized cases than expected based on their proportion of the population
- Mistartmap.info







### How many people are staying at home in Michigan?



- % Stay-at-home levels have recently declined to 2019 levels
- Number of trips taken/day has recently increased to 2019 levels
- Most recent data is 4/3/21 (data as of 4/12/21)

Data Source: <u>Bureau of Transportation Statistics</u>



## Unacast mobility patterns in MI

- Most recent data shows a return toward baseline mobility patterns, particularly for non-essential visits and average mobility.
- Encounter density has stayed relatively low.
- Data through 4/8/21 (data as of 4/12/21)

PUBLIC HEALTH

unacast social distancing scoreboard

https://www.unacast.com/co vid19/social-distancingscoreboard

