

ACHD COVID-19 School Update

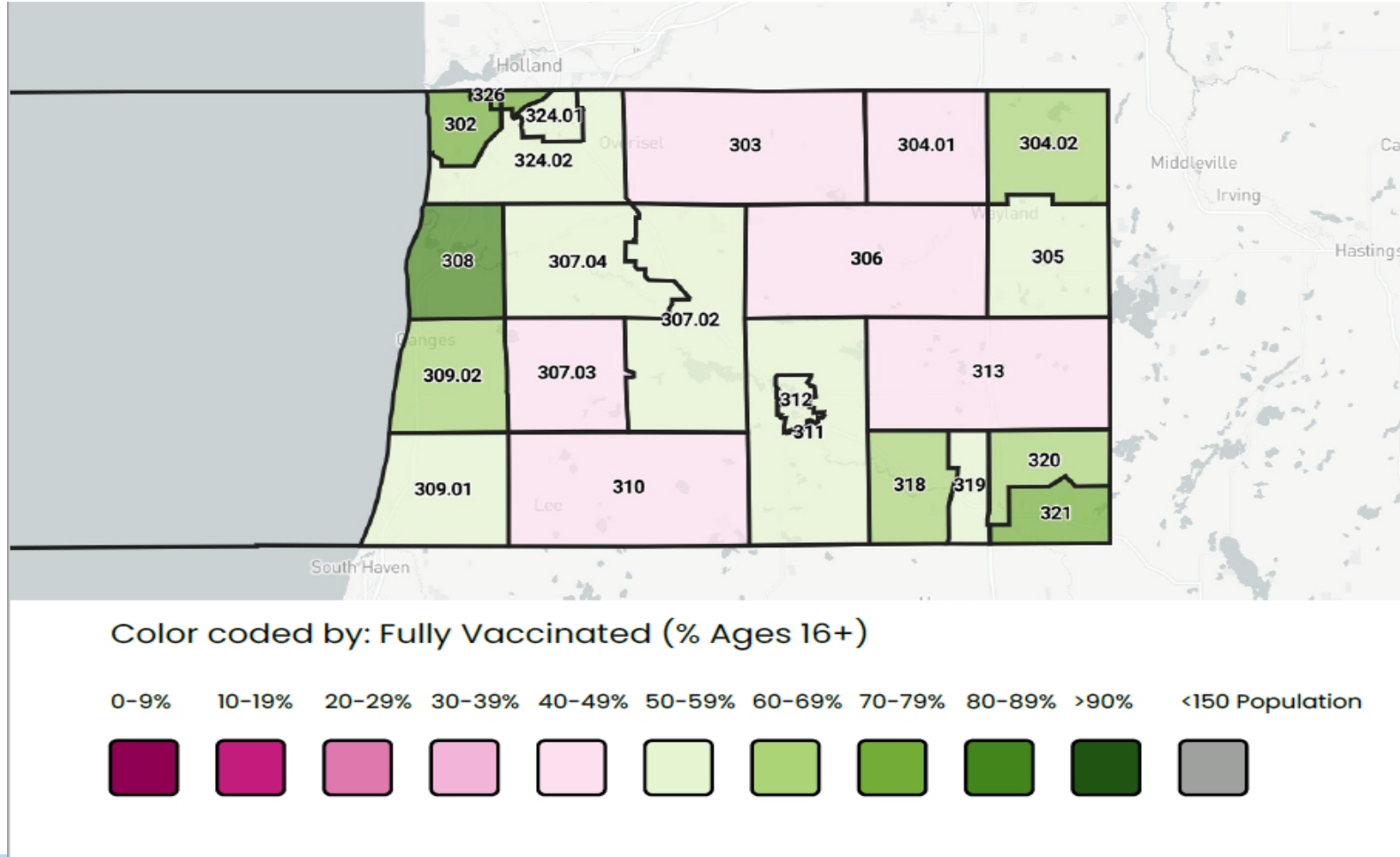
2021-2022 School Year

October 13, 2021 Update

About this Report

- This report is compiled on a bi-weekly basis, and publication will be on the 2nd and 4th Tuesday of each month.
- This report will be published under the “Schools” resource section on www.allegancounty.org/covid.
- This report was created for school leaders, Board of Education members, parents and communities.
- If you have suggestions for improvement, please complete an [inquiry form](#).

Allegan Vaccination Coverage Trends (% Age 16+), As of October 11, 2021



MI Lighthouse Report: Region Map

Allegan County Percentage Fully Vaccinated: 59.1% (59,066/99,878)

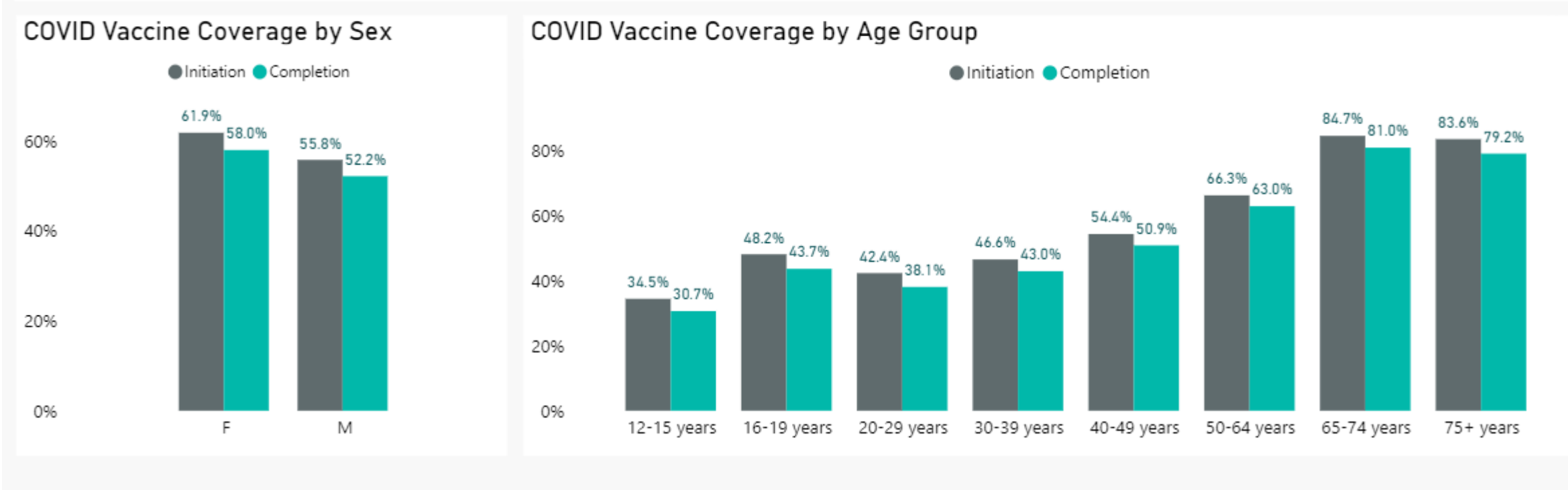
- Data as of 10/8/2021

Percent Breakthrough, All Ages: 0.922% (505/54,770)

- Data as of 10/6/21
- Breakthrough case: a confirmed COVID-19 case in a fully-vaccinated individual

Sources: Michigan Disease Surveillance System, [MI COVID-19 Vaccine Dashboard](#)

Allegan Vaccination Rates by Age, As of October 8, 2021



Age 12-15:
 Initiated: 2,319: **34.5%**
 Completed: 2,064: **30.7%**

Age 16-19
 Initiated: 2,783 **48.2%**
 Completed: 2,524 **43.7%**

Definitions:
Initiation: Percentage who have received either 1 or more doses of ANY vaccine.
Completion: Percentage of Allegan County Residents receiving 2 doses of Pfizer or Moderna or 1 dose of J&J.

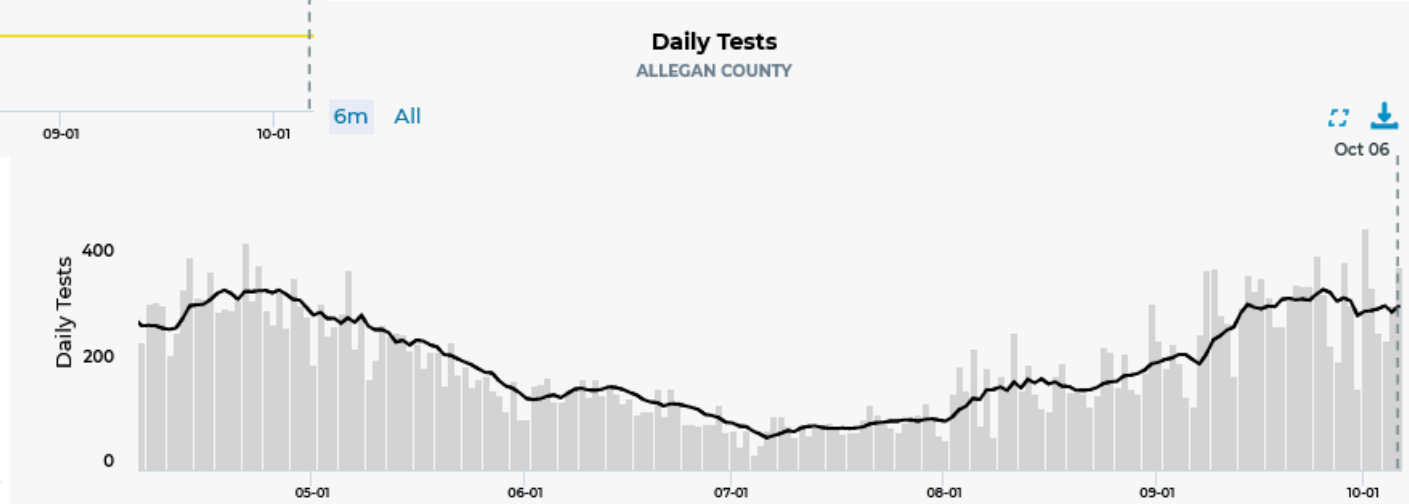
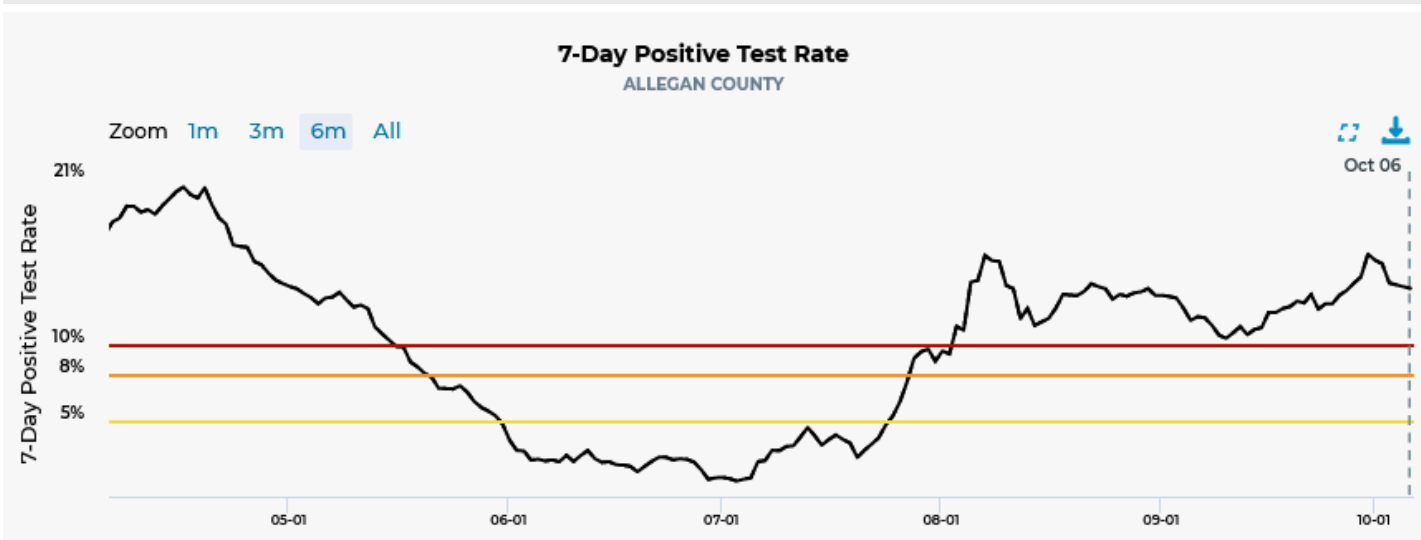
Alleghan County Testing Trends, All Ages, As of October 6, 2021

✓ **Test Positivity**
Sep 30 - Oct 06

14%
positive tests

3k
daily tests
administered
per million

↗ **3 weeks** ⓘ
Sep 10 - Oct 01



Risk Thresholds (% Positive)



Low: <5%



Moderate 5-<8%



Substantial 8-<10%



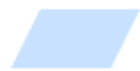
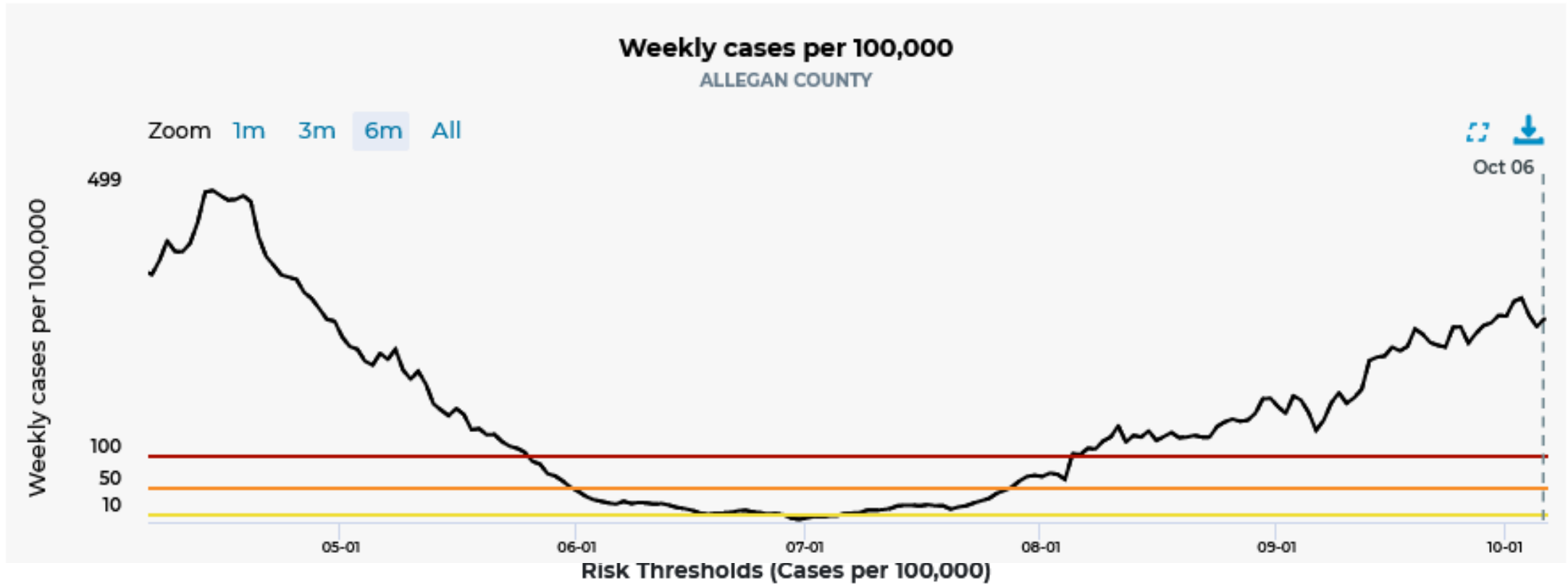
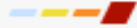
High >=10%

Alleghan County Case Trends All Ages, As of October 6, 2021

✓ **New Cases**
Sep 30 - Oct 06

306
weekly cases per
100,000 population

361
weekly cases



Low: <10



Moderate 10-49

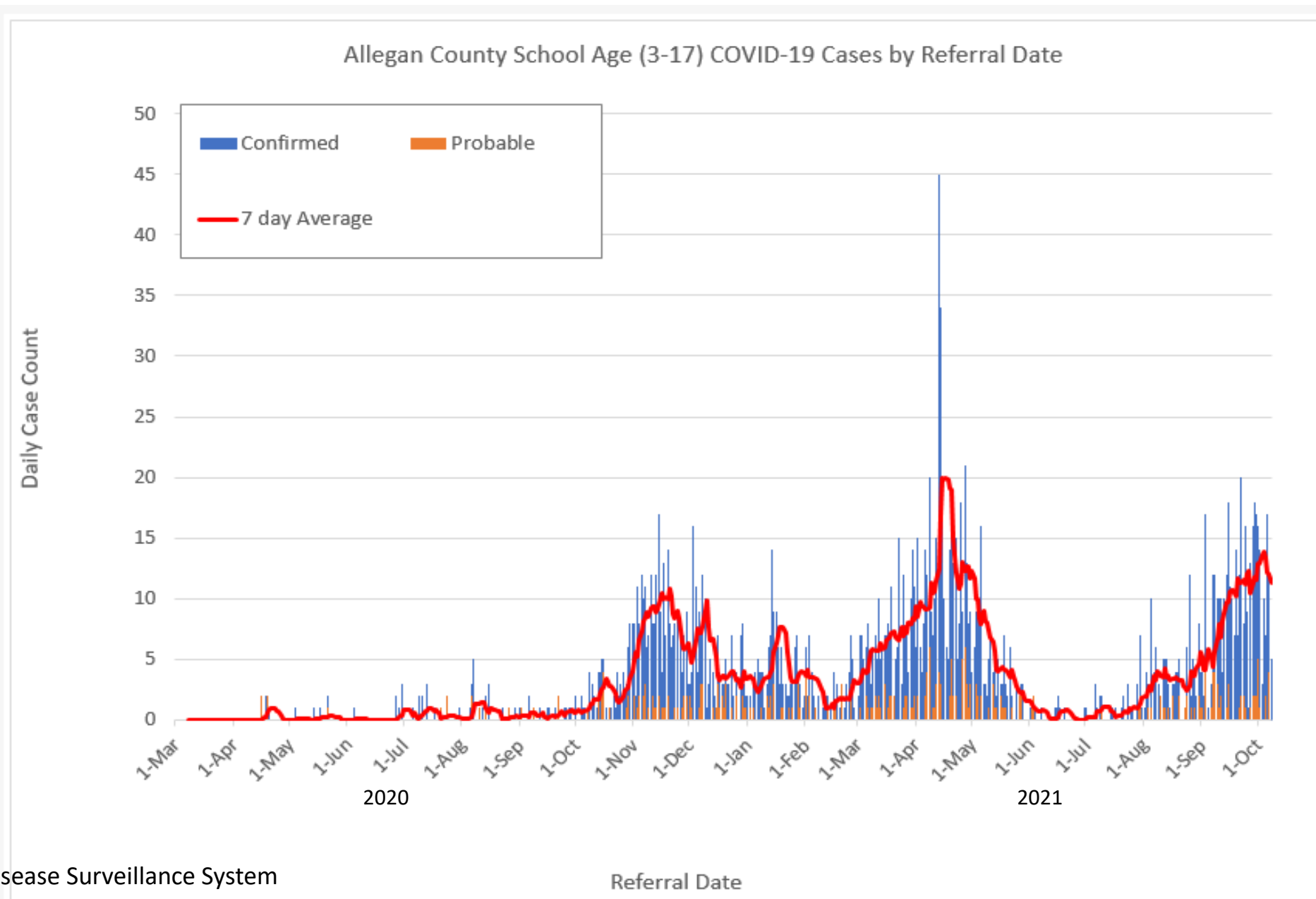


Substantial 50-99



High >=100

Alleghan County Case Trends School Age (3-17), As of October 8, 2021



Allegan County Breakdown of Total COVID-19 Cases by School Age (3-17), from March 1, 2020 to October 8, 2021

Breakdown of Cases by School Age Categories				
Total Case Count		2032		
Number of Cases <18 years		2032		
% cases <18 years		100.0%		
<u>Approximate Grade Level</u>	<u>Age</u>	<u>Case Count*</u>	<u>% total cases</u>	<u>% cases <18 years</u>
	0-2 years	0	0.0%	0.0%
Pre-K age	3-4 years	115	5.7%	5.7%
K-5th grade age	5-10 years	594	29.2%	29.2%
6-8th grade age	11-13 years	421	20.7%	20.7%
9-12th grade age	14-17 years	902	44.4%	44.4%
<i>*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.</i>				

Allegan County Breakdown of COVID-19 Cases by School Age (3-17) of Past 2 Weeks, As of October 8, 2021

Breakdown of Cases by School Age Categories				
Total Case Count		158		
Number of Cases <18 years		158		
% cases <18 years		100.0%		
<u>Approximate Grade Level</u>	<u>Age</u>	<u>Case Count*</u>	<u>% total cases</u>	<u>% cases <18 years</u>
	0-2 years	0	0.0%	0.0%
Pre-K age	3-4 years	9	5.7%	5.7%
K-5th grade age	5-10 years	52	32.9%	32.9%
6-8th grade age	11-13 years	31	19.6%	19.6%
9-12th grade age	14-17 years	66	41.8%	41.8%
<i>*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.</i>				

Alleghan County, Elementary Ages 5-10

Total Cases As of March 2020: 594

- 48.7% were household contacts to a confirmed case
- 19.8% were asymptomatic cases (no symptoms but tested positive for COVID-19)

Exposure Information Past 2 weeks:

CASES REPORTED IN PAST TWO WEEKS

For this section to auto-calculate,
enter the date you exported the data here ----->

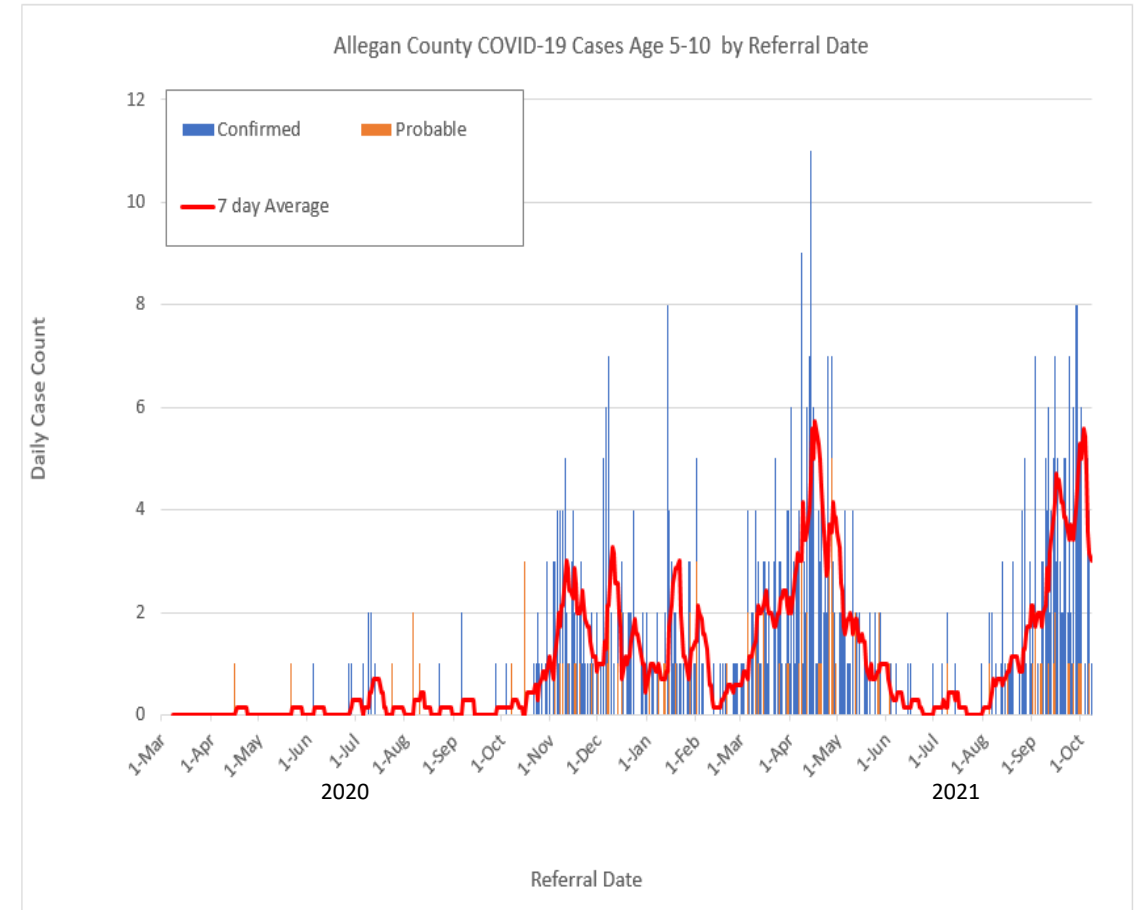
10/08/21

mm/dd/yy

Number of Cases reported in past two weeks 59

	Count	% **
In quarantine at time of onset/positive test	15	25.4%
Associated with known cluster/outbreak	0	0.0%
Any contact (HC, Comm, HH) to confirmed case	28	47.5%
Healthcare Contact to confirmed case	0	0.0%
Community Contact to confirmed case	3	5.1%
Household Contact to confirmed case	25	42.4%
Attended Community Event/Mass Gathering	3	5.1%
Any Travel (international, domestic, in state)	4	6.8%
Source of infection is unknown	22	37.3%

** Denominator is the number of cases reported in past two weeks



Data as of 10/8/2021

Source: Michigan Disease Surveillance System

Allegan County, Middle School Ages 11-13

Total Cases As of March 2020: **421**

- 43.7% were household contacts to a confirmed case
- 15.1% were asymptomatic cases (no symptoms, tested positive for COVID-19)

Exposure Information Past 2 weeks:

CASES REPORTED IN PAST TWO WEEKS

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10/08/21

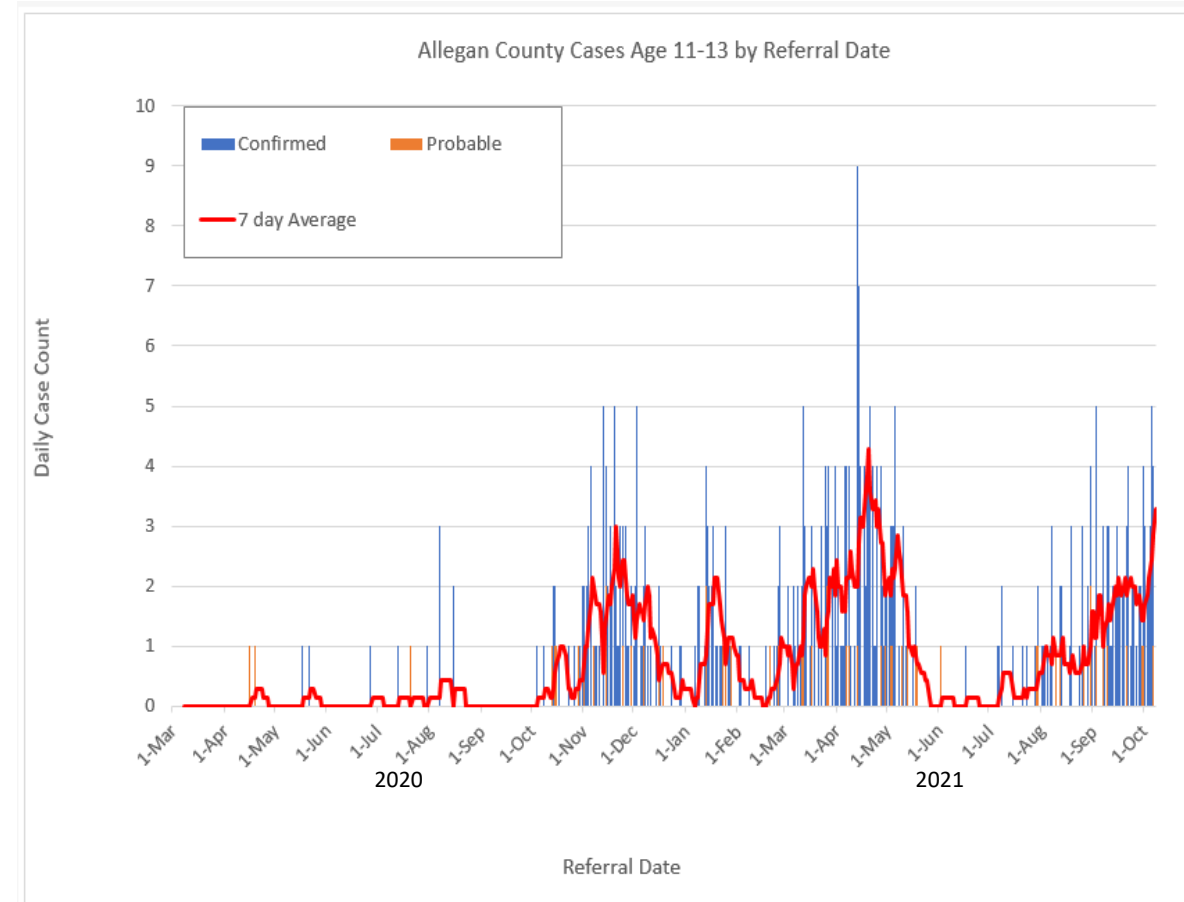
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Number of Cases reported in past two weeks

33

	Count	% **
In quarantine at time of onset/positive test	13	39.4%
Associated with known cluster/outbreak	0	0.0%
Any contact (HC, Comm, HH) to confirmed case	20	60.6%
Healthcare Contact to confirmed case	0	0.0%
Community Contact to confirmed case	4	12.1%
Household Contact to confirmed case	16	48.5%
Attended Community Event/Mass Gathering	1	3.0%
Any Travel (international, domestic, in state)	0	0.0%
Source of infection is unknown	10	30.3%

** Denominator is the number of cases reported in past two weeks



Data as of 10/8/2021

Source: Michigan Disease Surveillance System

Allegan County, High School Ages 14-17

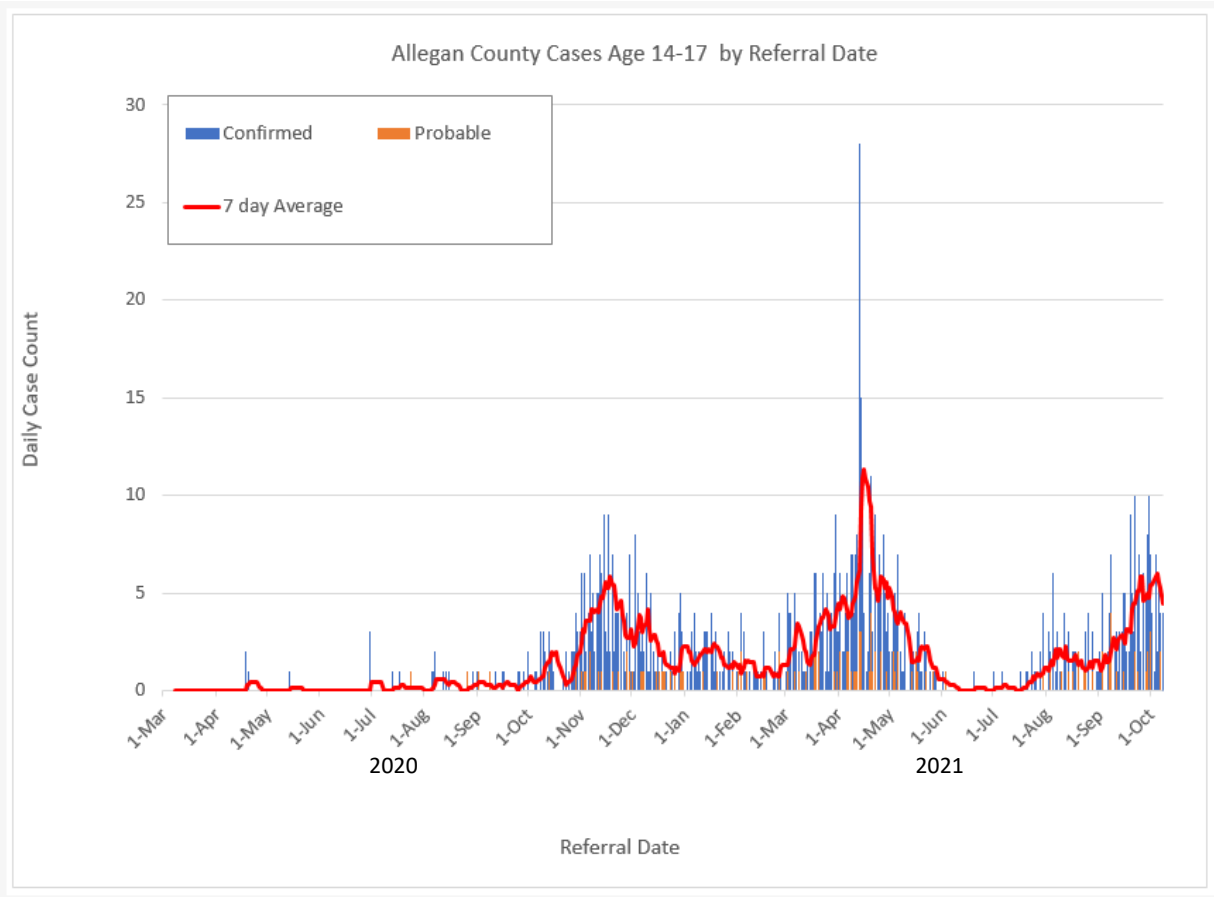
Total Cases As of March 2020: **902**

- 23.7% were a household contact to a confirmed case
- 13.4% were asymptomatic cases (no symptoms, tested positive for COVID-19)

Exposure Information Past 2 weeks:

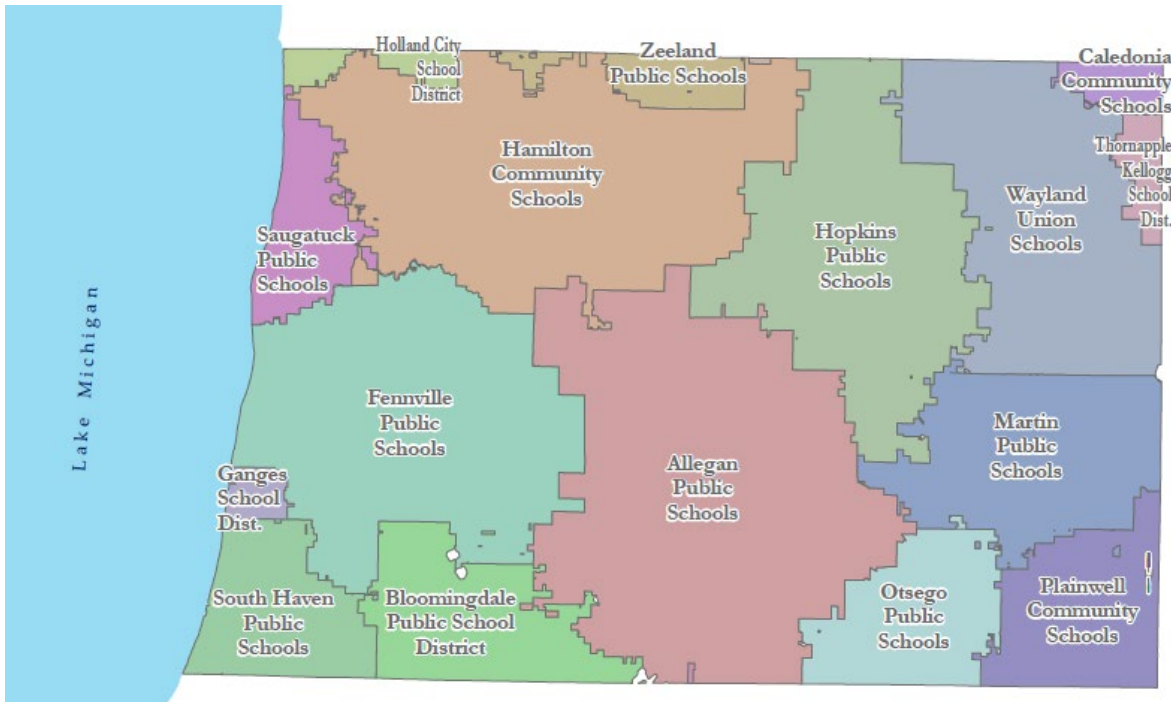
CASES REPORTED IN PAST TWO WEEKS		
<i>For this section to auto-calculate, enter the date you exported the data here -----></i>		
	10/08/21	
	<i>mm/dd/yy</i>	
Number of Cases reported in past two weeks	73	
	<u>Count</u>	<u>% **</u>
In quarantine at time of onset/positive test	13	17.8%
Associated with known cluster/outbreak	0	0.0%
Any contact (HC, Comm, HH) to confirmed case	18	24.7%
Healthcare Contact to confirmed case	0	0.0%
Community Contact to confirmed case	5	6.8%
Household Contact to confirmed case	14	19.2%
Attended Community Event/Mass Gathering	9	12.3%
Any Travel (international, domestic, in state)	0	0.0%
Source of infection is unknown	41	56.2%

*** Denominator is the number of cases reported in past two weeks*



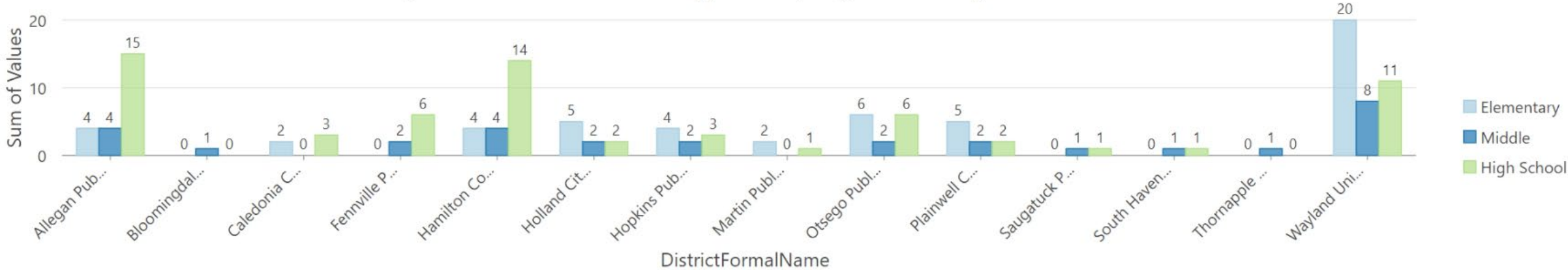
Allegan County School Districts

Data from 9/25/2021 to 10/8/2021



Total Cases
Cases Aged:
5-10: 59
11-13: 33
14-17: 73

Comparison of sum Elementary, Middle, High School by DistrictFormalName



*Please note this data is formulated by address from Michigan Disease Surveillance System and some school age cases in a district may attend school in another district. Cases are updated on all school websites, please see individual school district webpage for more specific case numbers as required by the October 6, 2020 MDHHS Epidemic Order, Reporting of Confirmed and Probable Cases of COVID-19 at Schools

Close Contact Data by School Building (Districts A-M)

District	School	Total Close Contacts	School Exposure	On Quarantine	Eligible for Self Monitoring / Close Contacts Attending Class	Eligible for Daily Testing	Total student population
AAESA	ACATEC	2	2	2	0	0	638
AAESA	Hillside	7	4	4	3	0	124
Allegan	Allegan HS	19	17	13	6	9	581
Allegan	Dawson El	2	0	2	0	0	284
Allegan	LE White MS	35	33	32	3	0	492
Allegan	Pine Trails El	7	7	7	0	0	347
Allegan	West Ward El	7	6	7	0	0	234
Fennville	Fennville El	4	0	4	0	0	551
Fennville	Fennville MS	2	0	2	0	0	310
Fennville	Fennville HS	5	3	5	0	0	421
Glenn	Glenn	0	0	0	0	0	33
Hamilton	Bentheim El	0	0	0	0	0	234
Hamilton	Blue Star El	0	0	0	0	0	233
Hamilton	Hamilton El	0	0	0	0	0	356
Hamilton	Hamilton HS	3	0	2	1	0	798
Hamilton	Hamilton MS	52	47	52	0	0	821
Hamilton	Sandyview El	0	0	0	0	0	98
Hopkins	Hopkins El	0	0	0	0	0	397
Hopkins	Hopkins HS	3	1	3	0	0	522
Hopkins	Hopkins MS	6	0	0	6	0	369
Hopkins	Sycamore El	2	0	2	0	0	251
Martin	Brandon El	0	0	0	0	0	288
Martin	Martin HS	0	0	0	0	0	331
Martin	Martin MS	0	0	0	0	0	
Charter	Innocademy	0	0	0	0	0	87
Charter	Outlook	0	0	0	0	0	44

This data is the identified current close contacts by each school building on 10/11/2021. **Note: this is not an aggregate number**

Source: ACHD School SharePoint Site

Definitions:

- Total close contact:** Any school staff or student that was determined to meet the close contact definition (includes household exposures)
- Eligible for self monitoring/still attending:** Any close contact that is still attending school due to vaccination status, previous infection in the last 90 days, or both case and close contact were masked during time of exposure.
- School Exposure:** the exposure was identified in the school setting
- On quarantine:** those that are following the traditional quarantine and not attending school during their quarantine period.
- Eligible for Daily Testing:** Any school staff or student identified as a close contact to an unmasked case, but was wearing a mask during the time of exposure. These individuals have a quarantine option to test daily for 7 days in order to stay in school.
- Total Student Population:** numbers are from the 2020-2021 school year from [MI School Data](#). Please note this does not include staff numbers. Private schools were not available at the time of publication.

Close Contact Data by School Building (Districts O-W & Non-Public)

This data is the identified current close contacts by each school building on 10/11/2021. **Note: this is not an aggregate number**

Source: ACHD School SharePoint Site

Definitions:

1. Total close contact: Any school staff or student that was determined to meet the close contact definition (includes household exposures)

2. Eligible for self monitoring/Close contacts attending Class: Any close contact that is still attending school due to vaccination status, previous infection in the last 90 days, or both case and close contact were masked during time of exposure.

3. School Exposure: the exposure was identified in the school setting

4. On quarantine: those that are following the traditional quarantine and not attending school during their quarantine period.

5. Eligible for Daily Testing: Any school staff or student identified as a close contact to an unmasked case, but was wearing a mask during the time of exposure.

These individuals have a quarantine option to test daily for 7 days in order to stay in school.

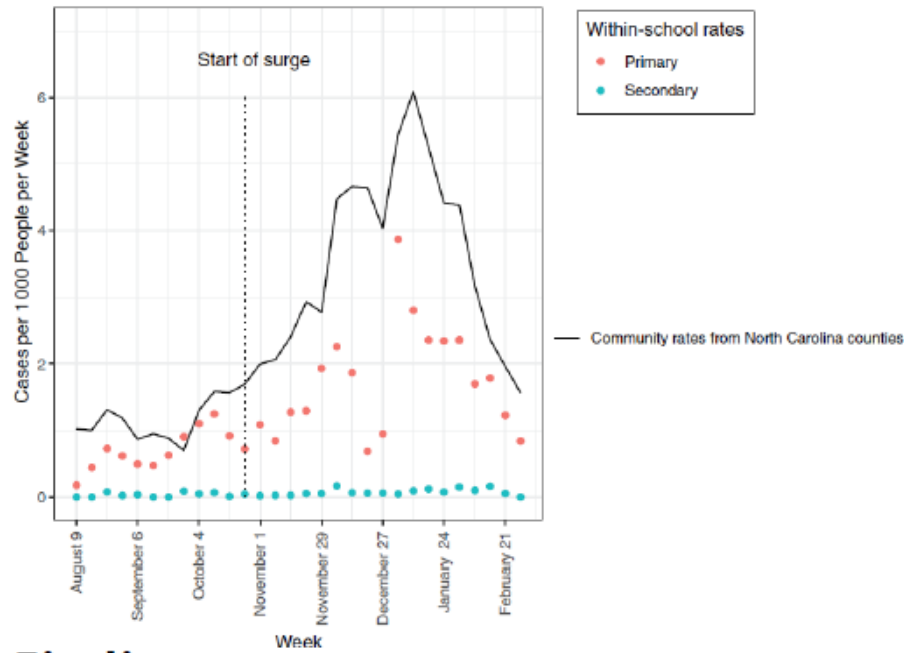
6. Total Student Population: numbers are from the 2020-2021 school year from [MI School Data](#). Please note this does not include staff numbers. Private schools were not available at the time of publication.

District	School	Total Close Contacts	School Exposure	On Quarantine	Close Contacts Attending Class	Eligible for Daily Testing	Total student population
Otsego	Dix St. El	5	1	5	0	0	310
Otsego	Otsego HS	2	0	0	2	0	687
Otsego	Otsego MS	0	0	0	0	0	535
Otsego	Otsego WC HS	0	0	0	0	0	33
Otsego	Washington El	2	0	2	0	0	427
Plainwell	Gilkey El	1	0	1	0	0	378
Plainwell	Plainwell HS	1	0	1	0	0	834
Plainwell	Renaissance HS	0	0	0	0	0	61
Plainwell	Starr El	1	0	1	0	0	452
Plainwell	Plainwell MS	0	0	0	0	0	645
Saugatuck	Douglas El	2	0	2	0	0	345
Saugatuck	Saugatuck HS	1	0	0	1	0	264
Saugatuck	Saugatuck MS	0	0	0	0	0	206
Wayland	Baker El	0	0	0	0	0	318
Wayland	Dorr El	11	11	11	0	0	396
Wayland	Pine St. El	32	32	32	0	9	405
Wayland	Steeby El	3	0	3	0	0	241
Wayland	Wayland HS	60	59	49	11	12	825
Wayland	Wayland MS	1	1	1	0	1	684
Non-Public	East Martin	0	0	0	0	0	
Non-Public	Moline Christian	0	0	0	0	0	
Non-Public	St. Margaret's	0	0	0	0	0	
Non-Public	St. Mary's	0	0	0	0	0	
Non-Public	St. Stanislaus	0	0	0	0	0	
Non-Public	St. Therese	13	13	13	0	0	

Science Round Up: School Related Data

Community SARS-CoV-2 Surge and Within-School Transmission

Kanecia O. Zimmerman, MD, MPH,^{a,b,d} M. Alan Brookhart, PhD,^c Ibukunoluwa C. Kalu, MD,^d Angelique E. Boutzoukas, MD,^d



- Study of over 100,000 students from 13 North Carolina school districts to demonstrate the impact of social distancing tools on disease transmission to support safe school opening.

FIGURE 1

Community rates of infection versus community-acquired (primary) and school-acquired (secondary) infections in school buildings.

Findings:

- School-acquired infections remained stable and uncommon, with a <1% secondary attack rate.
- With strict adherence to masking and some distancing, school-acquired SARS-CoV-2 infection is uncommon, even in the setting of high community infection rates. Consistent with previous data, schools can and should reopen safely.

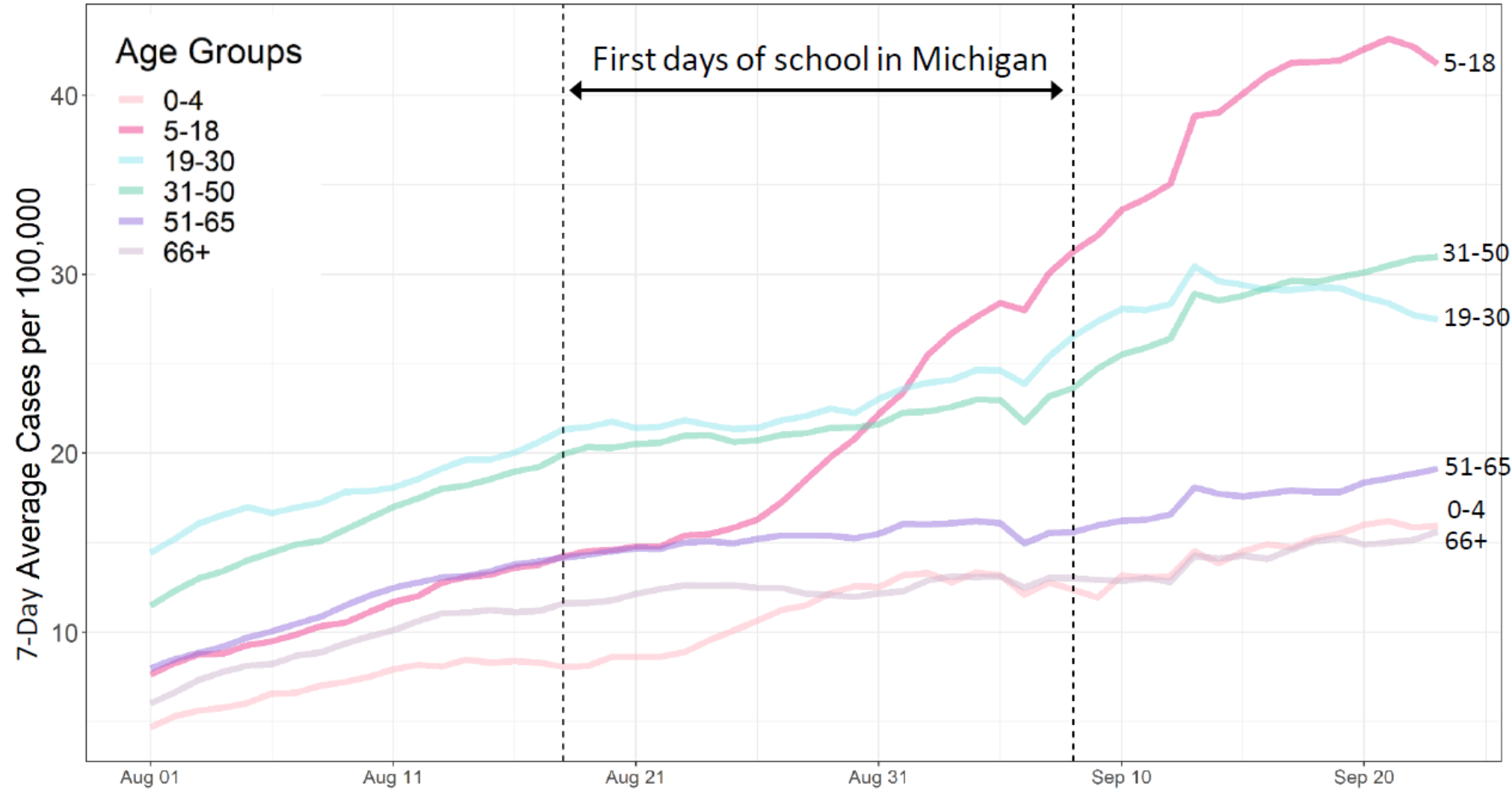
Source 1. [Van Naarden Braun K, Rozenfeld RA, et al. Multicomponent Strategies to Prevent SARS-CoV-2 Transmission — Nine Overnight Youth Summer Camps, United States, June–August 2021. MMWR Morb Mortal Wkly Rep. ePub: 1 Oct 2021.](#)

Source 2. [Tonzel JL, Sokol T. COVID-19 Outbreaks at Youth Summer Camps—Louisiana, June–July 2021. MMWR Morb Mortal Wkly Rep. ePub: 1 Oct 2021](#)

Source 3. [Zimmerman, KO et al. Community SARS-CoV-2 Surge and Within-School Transmission. Pediatrics October 2021, 148 \(4\).](#)

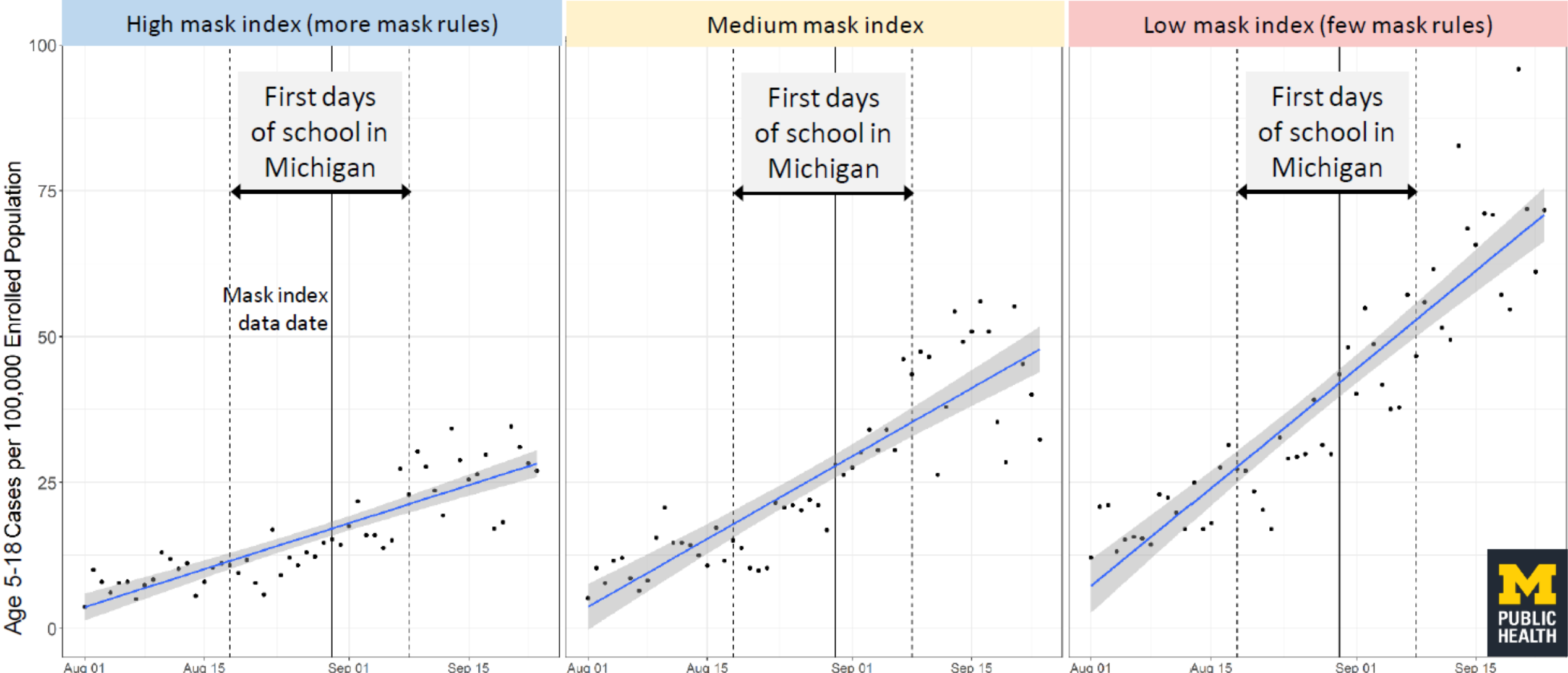
A closer look: increases have been largest in the K-12 school aged population (5-18 year olds)

- School aged children (5-18 y) saw a rapid rise beginning over the school reopening period that has continued following back-to-school
- The largest increases during and following back-to-school have been among 5-18 year olds
- Young and middle-aged adults (19-50 y) make up the next highest case rates



Districts with fewer mask rules during back-to-school saw higher case rates and faster case rises

High mask index = mask required for all grades; Medium = partial mask req. (tiered, some grades, based on vax status, staff only); Low = None or unknown. See Appendix for details. Data Sources: MDSS/MDHHS case data as of 10/1/2021 geocoded to school district, EOG School District Mask Policy Tracker as of 8/30/2021. Note: Cases are among all 5-18 year olds, population is the school-enrolled population.



Questions on the School Reports?

- Please submit an [inquiry form](#) with your questions and your contact information.