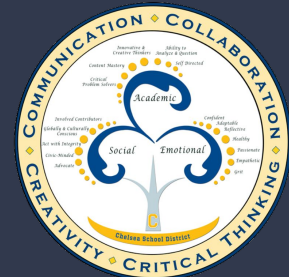


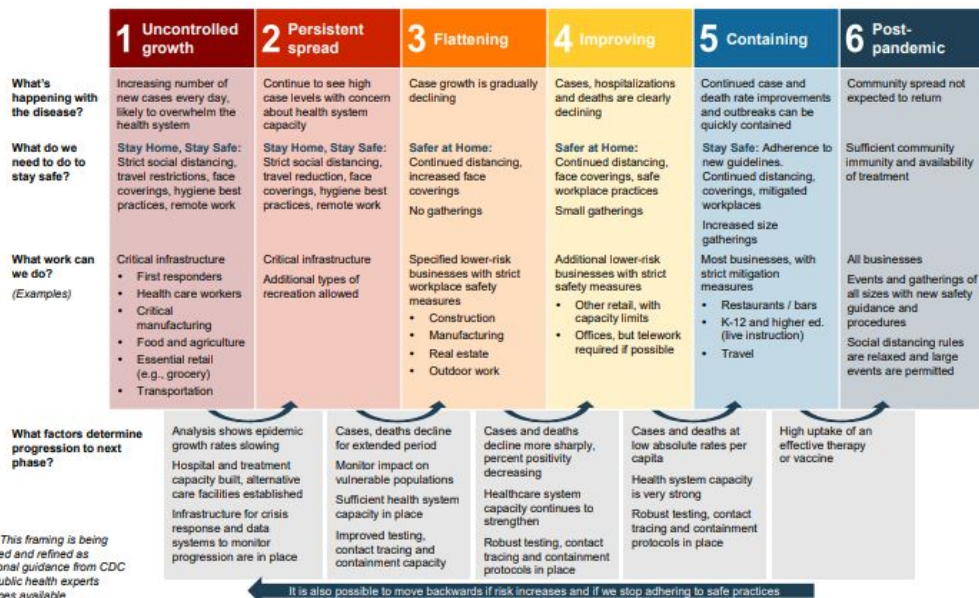
COVID Data Capture Board of Education Meeting

Data Analysis and Matrix - 04/12/21 Capture
Dr. Julie D. Helber



Still in Phase 4

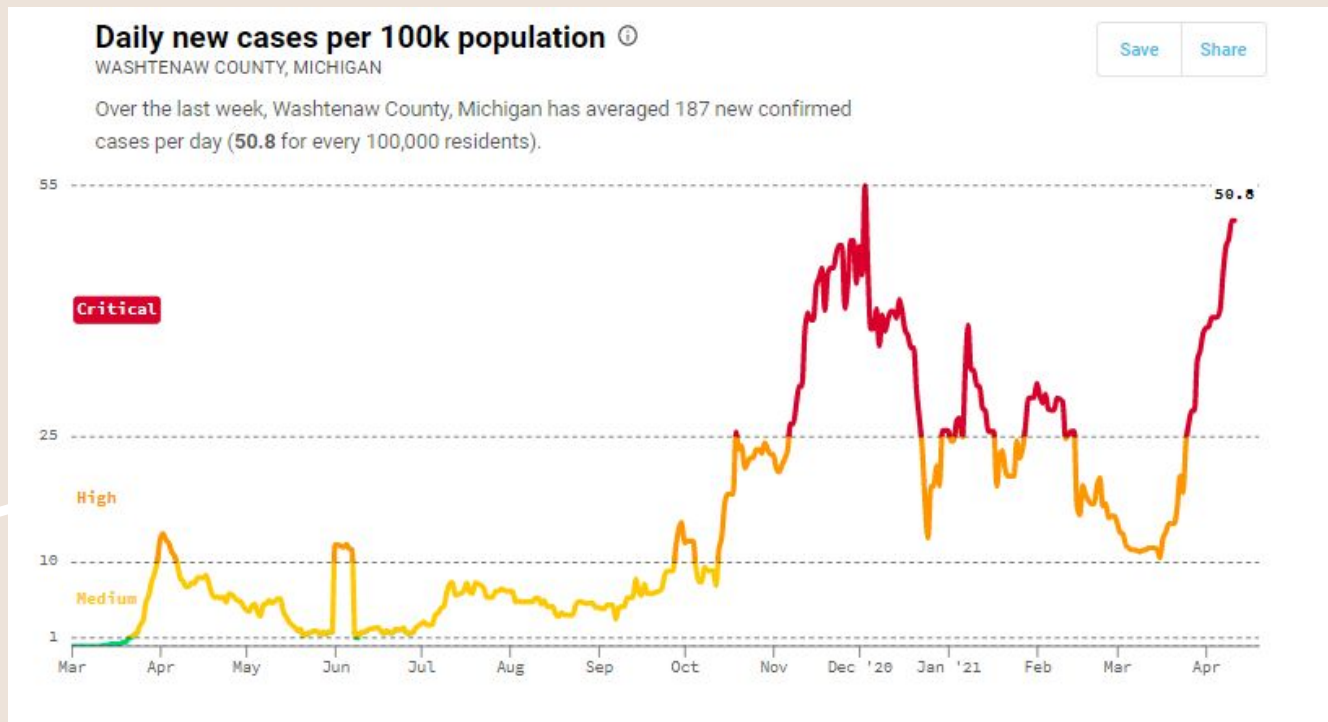
MI SAFE START PLAN



Daily New Cases (Per 100,000) – 50.8

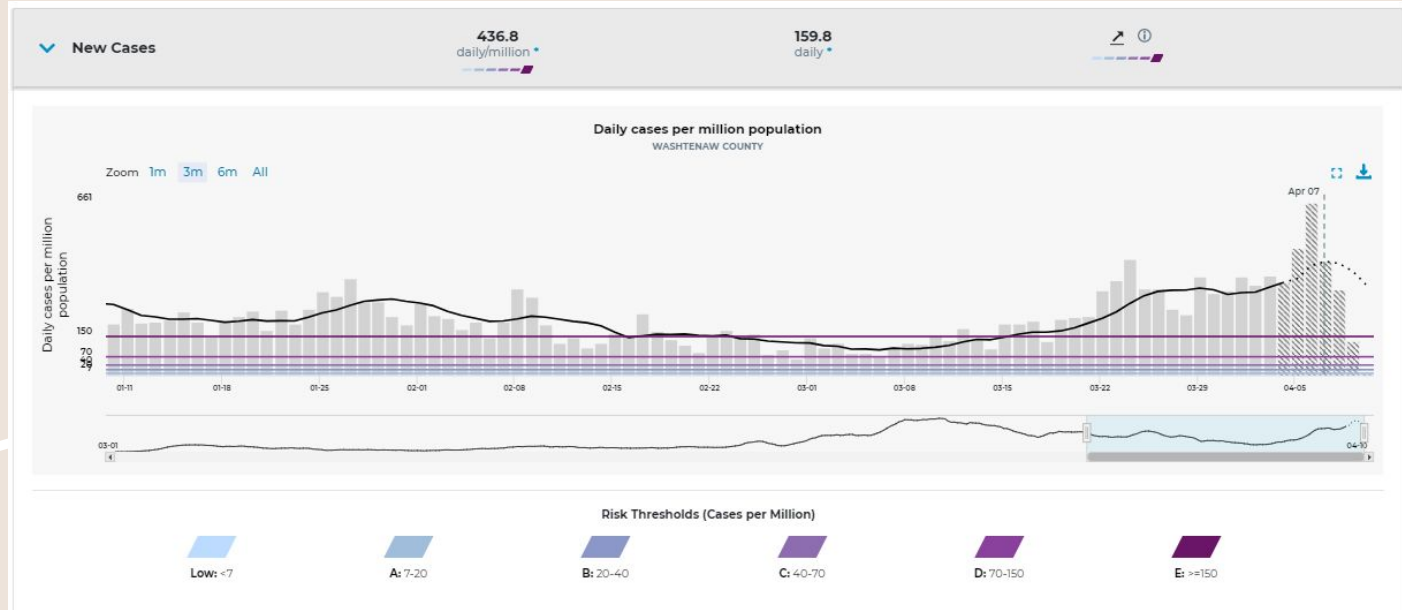
https://covidactnow.org/us/mi/county/washtenaw_county/?s=1408382

As of April 12, 2021



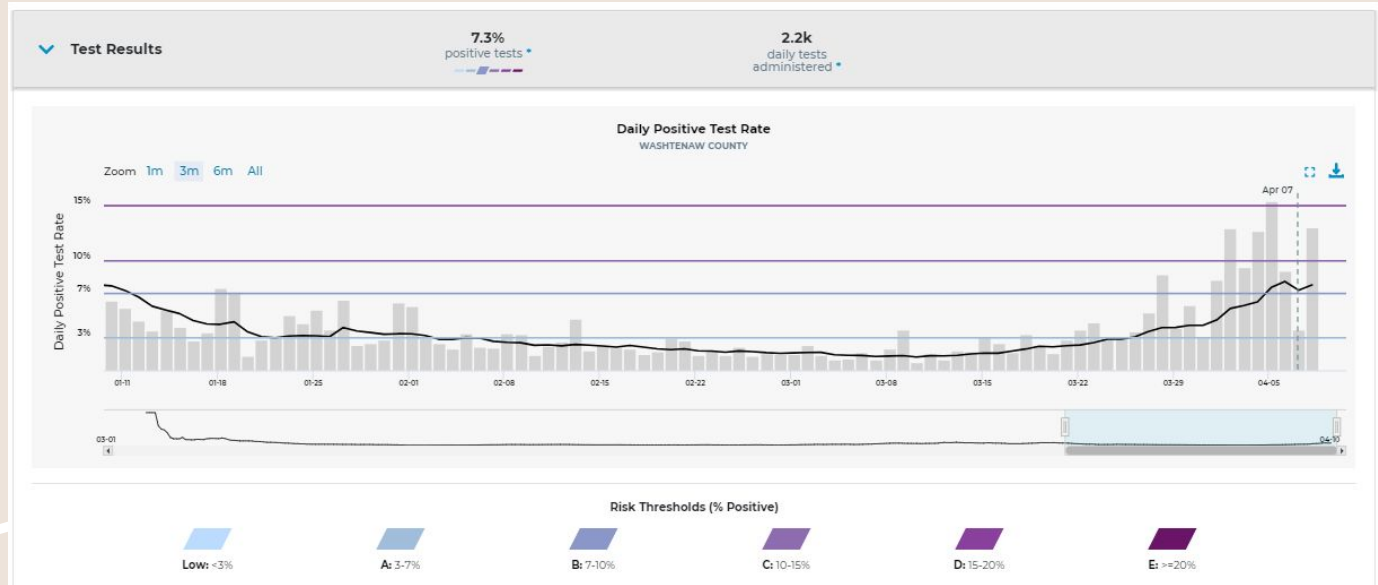
Daily New Cases (Per Million) – 436.8

MiSafe Start Map -
<https://www.mistartmap.info/>
As of April 12, 2021



Positivity Rate - 7.3

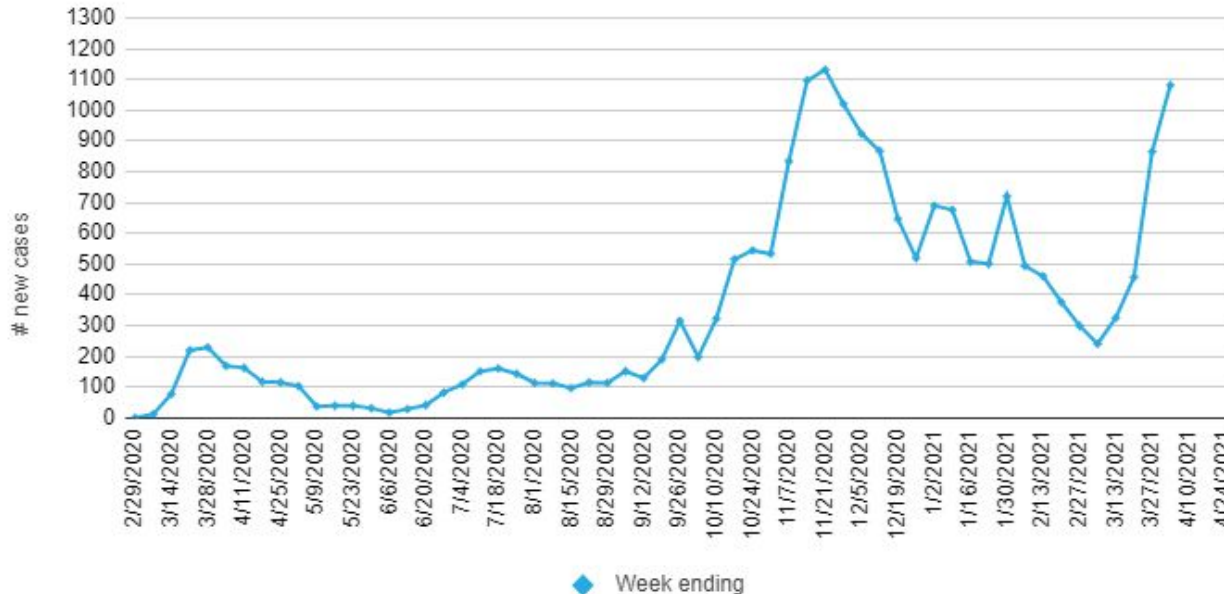
MiSafe Start Map -
<https://www.mistartmap.info/>
As of April 12, 2021



Confirmed Cases Trend Data – 4/12/21

New Confirmed COVID-19 Cases in Washtenaw County Residents (by Symptom Onset Week)* (as of 4/8), updated weekly

Washtenaw County (total N =20332)



County Risk Determination

MDHHS Indicators MISafeStart Map

Washtenaw County- 4/12/21

Cases per 1M 436.8 - **Highest Risk**

Positive Test Rate 7.3 - **Medium High Risk**

OVERALL RISK LEVEL = E - Highest Risk

Low Risk: <7 COVID-19 cases per million in county or 3% positive tests

Medium Risk: 7 to <20 COVID-19 cases per million in county or 3 to <7% positive tests

Medium-High Risk: 20 to <40 COVID-19 cases per million in county or 7 to <10% positive tests

High Risk: 40 to <70 COVID-19 cases per million or 10 to <14% positive tests

Very High Risk: 70 to <150 COVID-19 cases per million or 15 to <20% positive tests

Highest Risk: 150 or more cases per million or 20 or greater percent positive tests

MiSafe Start Map - <https://www.mistartmap.info/>

School Building District Spread Indicators

County Level Risk Determination (MDHHS)

Chelsea School District COVID Dashboard

A.) Building/District Spread Indicator

Buildings with known cases in staff or student but no ongoing transmission

B.) County Level Risk Determination (E) HIGHEST ORANGE

Highest Risk for Case Counts - Yellow

Medium High Risk for Positivity Test Rate - Green

Green - Face-to-Face

Yellow - Hybrid

Orange - Remote Instruction

		School Building and District Spread Indicators (A)		
		No cases in school buildings	Building(s) with known cases (C) in staff or students but no ongoing transmission	Building(s) with evidence of ongoing transmission (C)
County Level Risk Determination (B)	Low	In person with mitigation measures	In person with strict mitigation measures after cleaning/contact tracing (D)	In person with strict mitigation in affected buildings with cases after an appropriate pause (E)
	Medium	In person with strict mitigation measures	In person with strict mitigation measures after cleaning/contact tracing (D)	In person with strict mitigation in affected buildings with cases after an appropriate pause (E)
	Medium-High	In person with strict mitigation measures	In person with strict mitigation measures after cleaning/contact tracing (D)	Consider reduced density in affected buildings with cases after an appropriate pause (E)
	High	In person with strict mitigation measures. Discuss additional innovative mitigation strategies with the local health department.	Consider reduced density in affected buildings after cleaning/contact tracing (D). Discuss additional innovative mitigation strategies with the local health department.	Consider reduced density in affected buildings with cases after an appropriate pause (E). Discuss additional innovative mitigation strategies with the local health department.
	Very High	Consider reduced density with strict mitigation measures. Discuss additional innovative mitigation strategies with the local health department.	Consider reduced density in affected buildings after cleaning/contact tracing (D). Discuss additional innovative mitigation strategies with the local health department.	Consider remote instruction in the affected building(s) for twenty eight days.
	Highest	Consider appropriate pause (14 days) of in person instruction in entire district to discuss additional strategies for protecting student and staff, including but not limited to testing strategies	Consider remote instruction in entire district	Consider remote instruction in entire district

New CDC Operational Guidance based on Thresholds Updated March 2021

April 12, 2021

- 50.8 per 100,000 Cases
- 7.7%
- <https://covid.cdc.gov/covid-data-tracker/#county-view>

Table 1. CDC Indicators and Thresholds for Community Transmission of COVID-19¹

Indicator	Low Transmission Blue	Moderate Transmission Yellow	Substantial Transmission Orange	High Transmission Red
Total new cases per 100,000 persons in the past 7 days ²	0-9	10-49	50-99	≥100
Percentage of NAATs that are positive during the past 7 days ³	<5.0%	5.0%-7.9%	8.0%-9.9%	≥10.0%

¹If the two indicators suggest different levels, the actions corresponding to the higher threshold should be chosen. County-level data on total new cases in the past 7 days and test percent positivity are available on the County View tab in [CDC's COVID Data Tracker](#).

²Total number of new cases per 100,000 persons within the last 7 days is calculated by adding the number of new cases in the county (or other community type) in the last 7 days divided by the population in the county (or other community type) and multiplying by 100,000.

³Percentage of positive diagnostic and screening NAATs during the last 7 days is calculated by dividing the number of positive tests in the county (or other administrative level) during the last 7 days by the total number of tests resulted over the last 7 days. Additional information can be found on the [Calculating Severe Acute Respiratory Syndrome Coronavirus 2 \(SARS-CoV-2\) Laboratory Test Percent Positivity: CDC Methods and Considerations for Comparisons and Interpretation](#) webpage.

CDC COVID Integrated County View

7 Day Moving Average

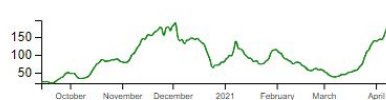
7-Day Totals, Rates, Percentages, and % Change in Last 7 Days

Cases

1285

(349.56 per 100k)

↑ 33.3 % change

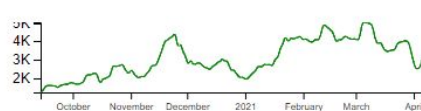


Testing Volume

22615

(6152.05 per 100k)

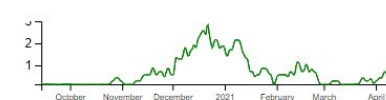
↑ 11.61 % change



Deaths

<10

*

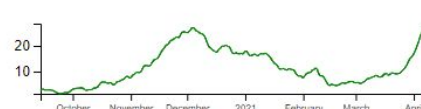


New Hospital Admissions (COVID)

208

(12.05 per 100 beds)

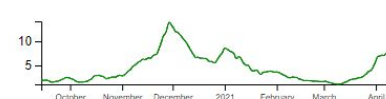
↑ 63.78 % change



Percent Positivity

6.26

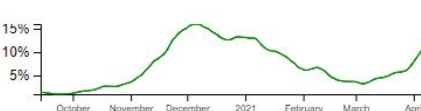
↑ 1.33 % change



Percent Beds Used (COVID)


12.19 %

↑ 3.74 % change



Washtenaw County Indicators (4/8)

Washtenaw County COVID-19 Data Metrics: (Updated Weekly On Thursday Evenings; Last Updated 4/8/2021)



Washtenaw ISD








A REGIONAL EDUCATIONAL SERVICE AGENCY

Risk Level for Detroit Region

E

Date data is pulled

Apr 8, 2021

METRIC	TARGET	CURRENT DATA	2 WEEK TREND		DATA SOURCE
<div>  <div># New Cases</div> </div>	Downward Trend	<div># New cases from last 2 weeks</div> <div>2K</div>	<div>Apr 8, 2021</div> <div>Apr 1, 2021</div>	<div>1,874</div> <div>1,284</div>	<div>Washtenaw County Health Department</div> <div>https://www.washtenaw.org/3108/Cases</div>
<div>  <div>Total Cases Per 100,000 (7 day moving average)</div> </div>	Decrease in cases / 100,000	<div>Total cases per 100,000</div> <div>44.5</div>	<div>Apr 8, 2021</div> <div>Apr 1, 2021</div>	<div>44.5</div> <div>37.3</div>	<div>Harvard COVID Risk Map</div> <div>https://globalizedemics.org/k-symmetria-for-covid-suppression/</div>
<div>  <div>Total Cases Per 1,000,000 (7 day moving average)</div> </div>	Decrease in cases/1,000,000	<div>Total cases per 1 million</div> <div>314.2</div>	<div>Apr 8, 2021</div> <div>Apr 1, 2021</div>	<div>314.2</div> <div>296.6</div>	<div>MI Safe Start Map</div> <div>https://www.mistartmap.info/</div>
<div>  <div>Test Positivity Rate</div> </div>	Decrease in rate	<div>Test positivity rate</div> <div>6.2%</div>	<div>Apr 8, 2021</div> <div>Apr 1, 2021</div>	<div>6.2%</div> <div>3.8%</div>	<div>MI Safe Start Map</div> <div>https://www.mistartmap.info/</div>
<div>  <div>% Cases 0-17 y.o. (weekly)</div> </div>	Decrease in cases	<div>% Cases 0-17 (weekly)</div> <div>9.0%</div>	<div>Apr 8, 2021</div> <div>Apr 1, 2021</div>	<div>9%</div> <div>9%</div>	<div>Washtenaw County Health Department</div> <div>https://www.washtenaw.org/3108/Cases</div>
<div>  <div>% Cases 0-9 y.o. (last 2 weeks)</div> </div>	Decrease in cases	<div>% Cases 0-9 (last 2 weeks)</div> <div>5.0%</div>	<div>Apr 8, 2021</div> <div>Apr 1, 2021</div>	<div>5%</div> <div>4%</div>	<div>Washtenaw County Health Department</div> <div>https://www.washtenaw.org/3108/Cases</div>
<div>  <div>% Cases 10-17 y.o. (last 2 weeks)</div> </div>	Decrease in cases	<div>% Cases 10-17 (last 2 weeks)</div> <div>11.0%</div>	<div>Apr 8, 2021</div> <div>Apr 1, 2021</div>	<div>11%</div> <div>10%</div>	<div>Washtenaw County Health Department</div> <div>https://www.washtenaw.org/3108/Cases</div>

 Empowering Students. Engaging Minds.
Exploring Possibilities.



Michigan Department of Health & Human Services

Data Capture Comparison



April 5, 2021 - Capture

- Cases per 100,000 - 39.2
- Cases per Million - 284.5
- Positivity Rate - 4.0
- Overall Risk Level - E - Highest Risk
- Building District Spread Indicator - Buildings with known cases

April 12, 2021 - Capture

- Cases per 100,000 - 50.8
- Cases per Million - 436.8
- Positivity Rate - 7.3
- Overall Risk Level - E - Highest Risk
- Building District Spread Indicator - Buildings with known cases

[COVID Case Dashboard](#)

Student Commitment Forms Distributed on March 23



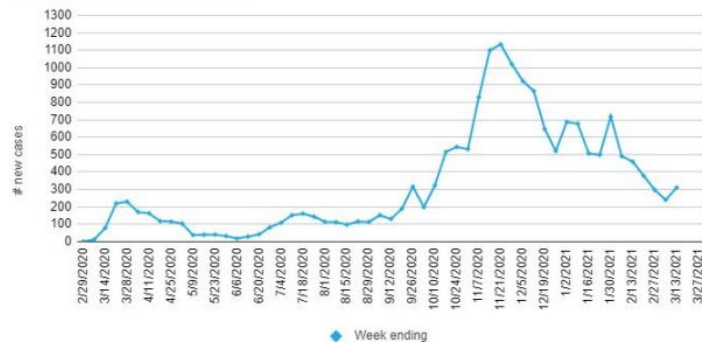
March 22 – April 12 Data Comparison



March 22, 2021

New Confirmed COVID-19 Cases in Washtenaw County Residents (by Symptom Onset Week)* (as of 3/18), updated weekly

Washtenaw County (total N =17858)

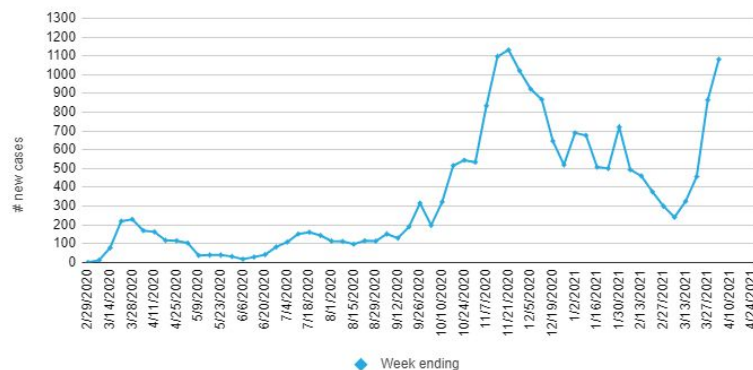


[Washtenaw County Health Department](#)

April 12, 2021

New Confirmed COVID-19 Cases in Washtenaw County Residents (by Symptom Onset Week)* (as of 4/8), updated weekly

Washtenaw County (total N =20332)



[COVID Case Dashboard](#)

March 22 – April 12 Data Comparison

March 25, 2021 - Capture

- Cases per 100,000 - 10.3
- Cases per Million - 142.8
- Positivity Rate - 2.2
- Overall Risk Level - D - Very High Risk
- Building District Spread Indicator - Buildings with known cases

April 12, 2021 - Capture

- Cases per 100,000 - 50.8
- Cases per Million - 436.8
- Positivity Rate - 7.3
- Overall Risk Level - E - Highest Risk
- Building District Spread Indicator - Buildings with known cases

****Commitment Forms Distributed on March 23, 2021**

Governor's 2 Week Recommendation – 4/9/21

WHY?

- Governor issues a 2 week recommendation to pause high school sports and put high schools in remote learning for 2 weeks - Voluntary not Executive Order
 - Chelsea moves forward with current hybrid/virtual model
 - Chelsea continues with youth sports
- Less transition for students
- Mitigation working in hybrid model at high school
- Data on antigen tests support continued athletics
- Athletics outside for the most part
- Individual team quarantines part of our mitigation
- Can change and pause at any time if data warrants

Athletics Antigen Testing



Middle School Test Results

- 141 Tests and 1 Positive
- Several 12 year olds that did not need to test

High School Test Results

- 214 Tests and 1 Positive
- 12 Students with COVID did not test
- 51 Students in Quarantine, did not test

Local Schools Continuing Athletics

- Chelsea, Skyline, Huron, Pioneer, Bedford, Saline, Dexter, Jackson, Ypsilanti, Pinckney, Tecumseh and Adrian

One Week Pause

- Monroe (previously planned due to Spring Break)

Internal Data



The Numbers from Chelsea School Last Week

- We had 32 events
- 26 Positives/Probables of Staff/Students with 14 at CHS
- 114 quarantines with 63 at CHS

How do they compare? Three Week Average before Spring Break

- 8 to 9 events per week
- Positives/Probables district wide
- 21.3 quarantines district wide

Transmission

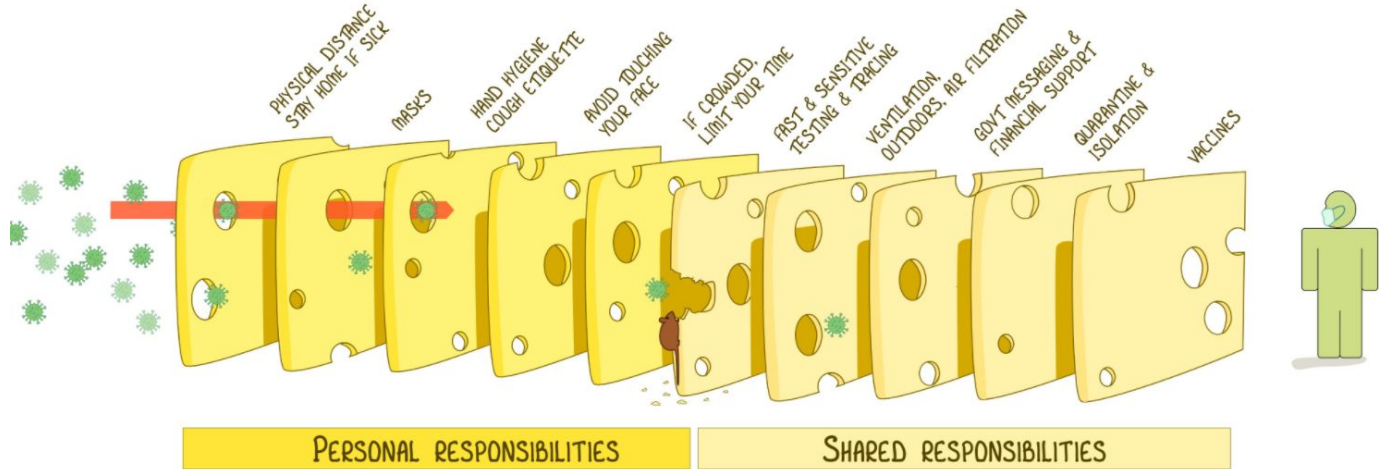
As of right now, none from last week

[COVID Case Dashboard](#)

Health and Safety Concerns

THE SWISS CHEESE RESPIRATORY VIRUS PANDEMIC DEFENCE

RECOGNISING THAT NO SINGLE INTERVENTION IS PERFECT AT PREVENTING SPREAD



EACH INTERVENTION (LAYER) HAS IMPERFECTIONS (HOLES).
MULTIPLE LAYERS IMPROVE SUCCESS.

Health and Safety Concerns – Model Options

- **Recommendation:** Delay April 19th plan to the 26th and reassess **each week** - All students remain in Hybrid - April ECOL Plan (WCHD - 3 weeks for typical surge/full support of a delay)
- **Weekly Administrative Decision Making** - (April 21, April 28, and each Wednesday thereafter)
 - All students remain in the current Hybrid/Virtual model
 - All students move to Full in-person/Virtual (goal)
 - Delay HS only and move forward with K-8 - Full in-person/Virtual, CHS Hybrid/Virtual
 - Delay Beach and HS and move forward with K-5 - Full in-person/Virtual K-5, BMS and CHS Hybrid/Virtual
 - Move all students into remote (least desirable)

*****GOAL - Limit transitions as much as possible - Keep students in-person**

Metrics used in Weekly Decision Making

- **Metrics - Declining Trend in Cases and Rates**
 - 5 - <20 per 100,000 - Low to Moderate Transmission (CDC guidance)
 - 3% - <5% Test Positivity Rate - Low Transmission (CDC guidance)
 - Decrease in Internal Cases - 10 Incidents or Less (CSD Dashboard)
 - Decrease in Hospitalizations (MDHHS guidance)
 - Decrease in cases for 0-17 year olds (Washtenaw County guidance)

