



SHEBOYGAN AREA
— SCHOOL DISTRICT —

Prepared for the Board of Education
COVID-19 Update
October 27, 2020

Timeline



SHEBOYGAN AREA
SCHOOL DISTRICT

- **July 28, 2020 - SASD Reopening Plan Approved**
- **September 1, 2020 - All SASD Schools Open (Day 1)**
 - 107 active cases - 92.8 per 100,000
 - 1,262 total cases - 1,094 per 100,000
 - 7 day new case average - 14.29
 - Burden rate - 16.7 per 10,000
 - Current Students ill/quarantined - 44
 - Current Staff ill/quarantined - 7
 - All schools hybrid
- **September 29, 2020 - Harvard/Brown Metric >25 new cases 7-day Avg. (+29 days)**
 - 191 active cases - 165.6 per 100,000 (+84 active cases)
 - 2,518 total cases - 2,183 per 100,000 (+1,256 total cases)
 - 7 day new case average - 25.39 (+11.1 7-day avg.)
 - Burden rate - 51.1 per 10,000 (+34.4)
 - Current Students ill/quarantined - 352 (+308 students)
 - Current Staff ill/quarantined - 60 (+53 staff)
 - All schools hybrid
- **October 16, 2020 - Last Day of Face-to-Face Instruction (+18 days)**
 - 666 active cases - 577.4 per 100,000 (+475 active cases)
 - 3,852 total cases - 3,340 per 100,000 (+1,334 total cases)
 - 7 day new case average - 70.23 (+44.84 7-day avg.)
 - Burden rate - 76.1 per 10,000 (+59.4)
 - Current Students ill/quarantined - 814 (+462 students)
 - Current Staff ill/quarantined - 117 (+57 staff)
 - Schools virtual - Jackson, ELC, Pigeon River, Etude ES, Cooper 5th Grade

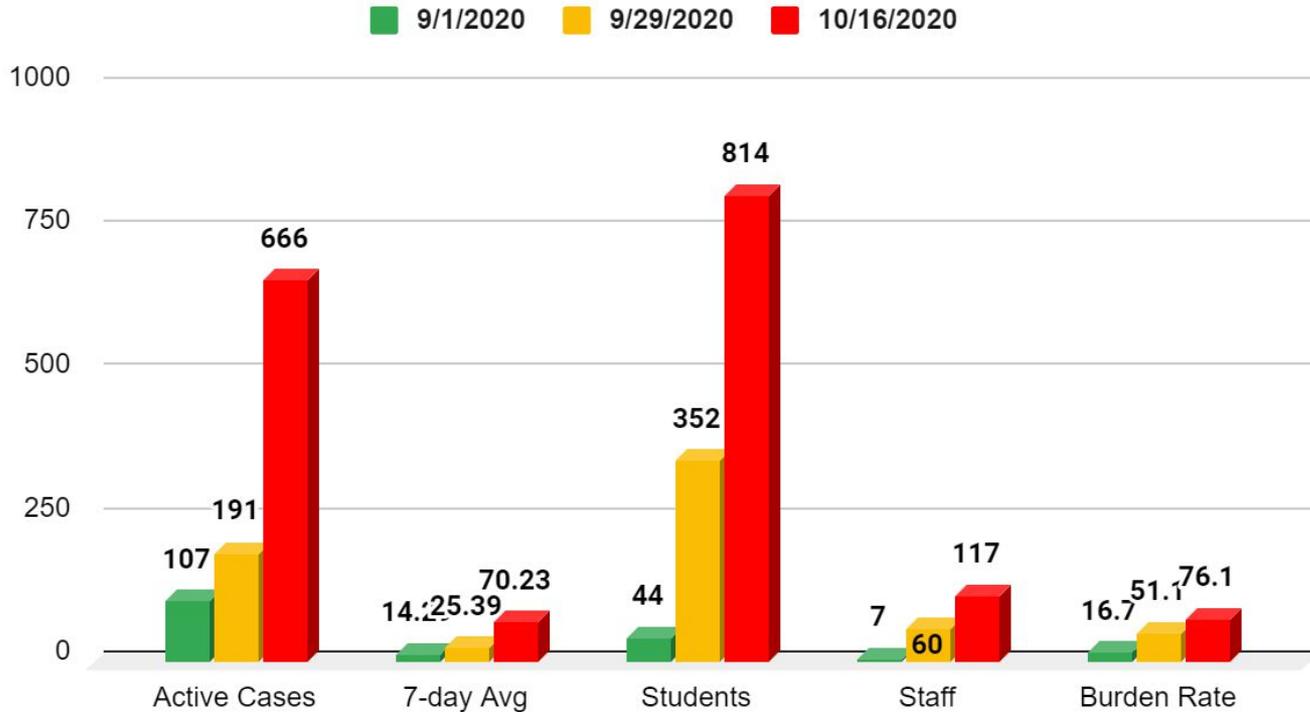
Note: The # of Students and staff ill/quarantine is the current total and not a running total.



School/District/Community Spread

SHEBOYGAN AREA
SCHOOL DISTRICT

Timeline of Spread

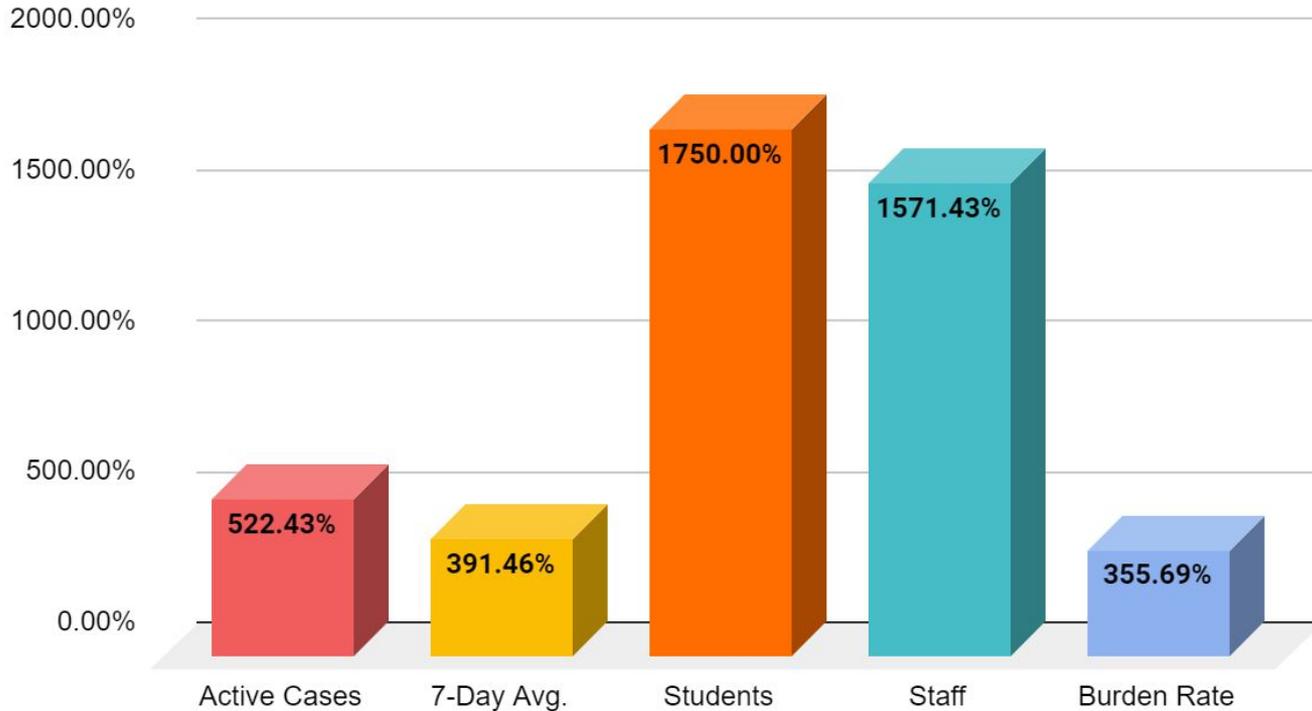




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SCHOOL DISTRICT

School/District/Community Spread

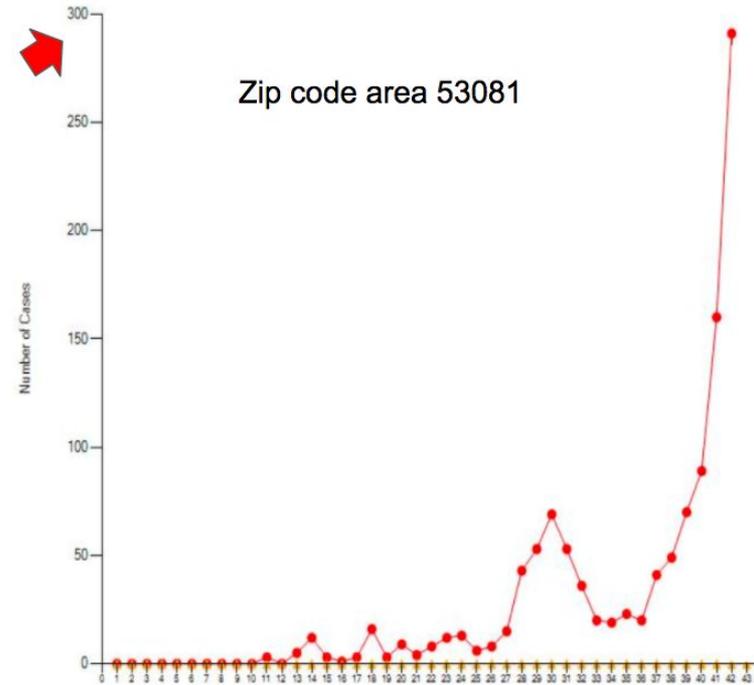
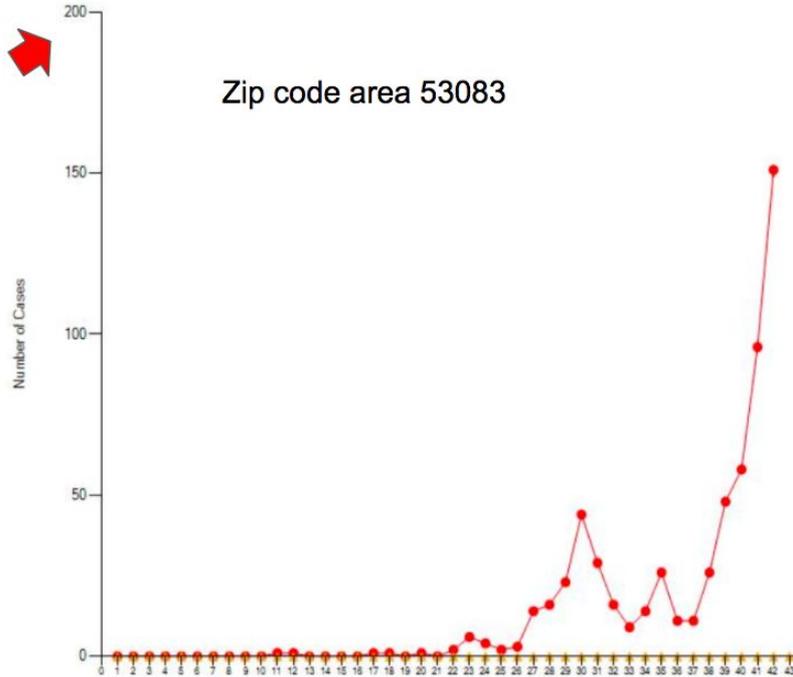
Percentage of Increase; 9/1 - 10/16





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Local Cases



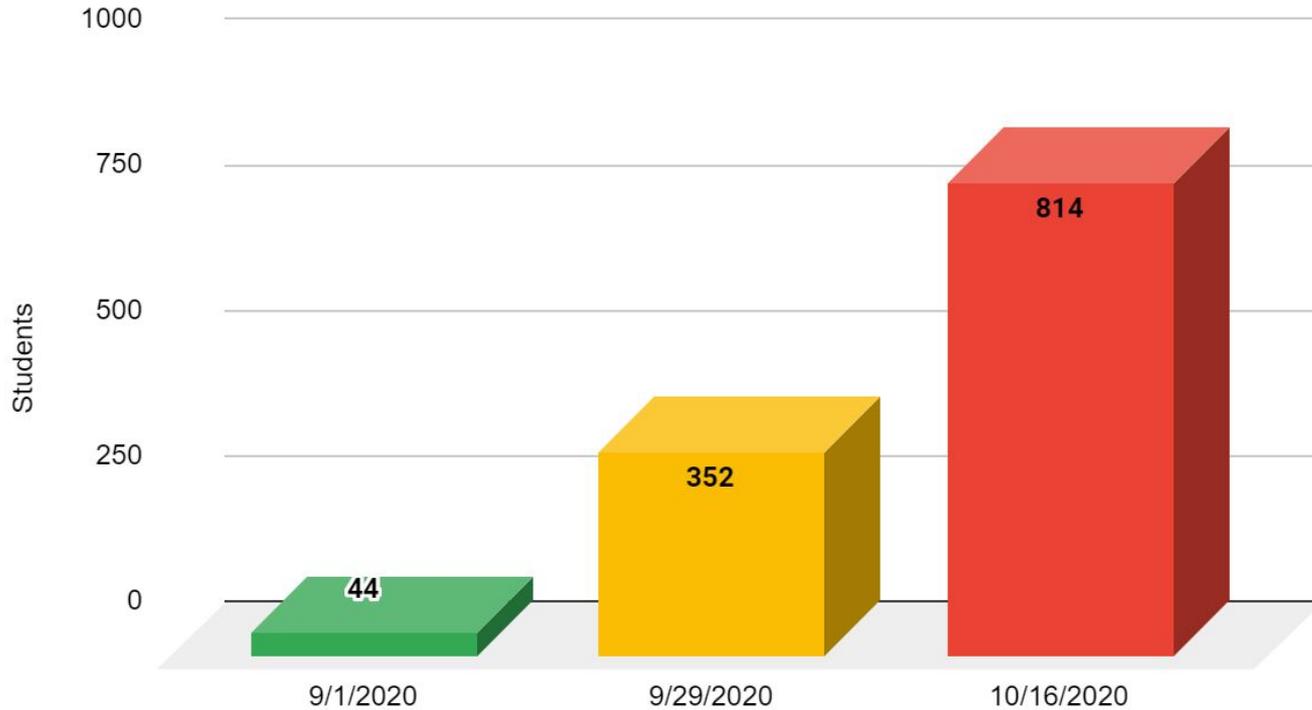
Epi curves generated from WEDSS (Wisconsin Electronic Disease Surveillance System)
Number of cases by the weeks of the year based on zip code.



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Student Spread

Students Ill/Quarantined

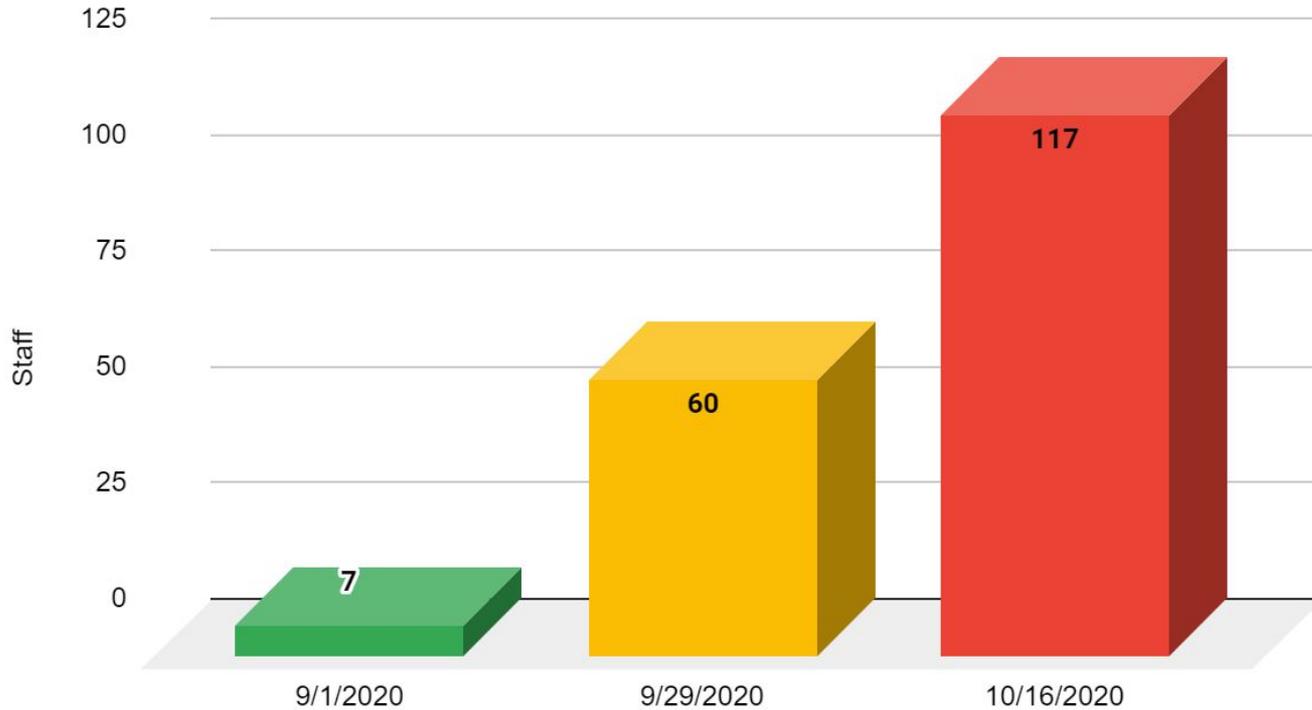




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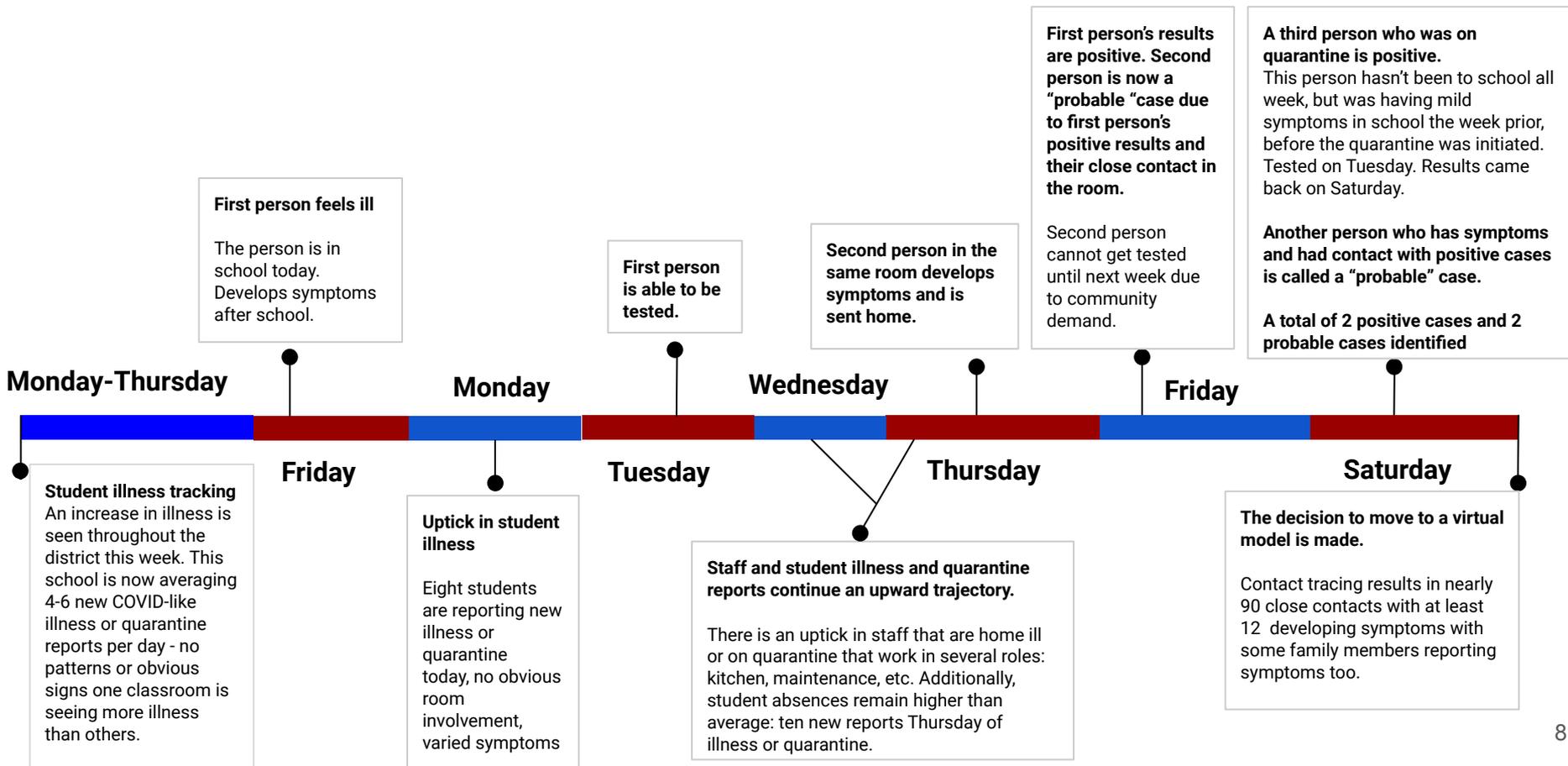
Staff Spread

Staff Ill/Quarantined





Timeline of a outbreak - what starts with a few, ends with nearly 90 close contacts on quarantine





Transition to Virtual

- S&I
 - Daily attendance for all students
 - Elementary - 3 “live sessions” daily; Middle/High - Following bell schedule
 - Increased use of virtual learning software (IXL, Pathblazer, myOn, etc.)
 - Librarian “live” tech support
 - Traditional grading practices remain
 - Equity gains...but remains a concern
- HR
 - Continue to monitor staff COVID exposure and provide support
 - Majority of staff continuing to get paid, realigned some duties
- Business Services
 - Cleaning of buildings is continuing
 - Meal pick up continues at 12 locations
 - Proposed amendment to bus contract to help retain drivers

Active Cases



SHEBOYGAN AREA
SCHOOL DISTRICT

Sheboygan County Coronavirus Case Dashboard

Sheboygan County

Date Reported: 10/26/2020, 2:00 PM

Total Confirmed Cases

4,590

of 34,206 Total Tests

13.4% Tested Positive

Active

1,464

of 4,590 Cases

31.9% Active

Recovered

2,244

of 4,590 Cases

48.9% Recovered

Deaths

24

of 4,590 Cases

0.5% Deceased

KMCI Inmates

858

of 4,590 Cases

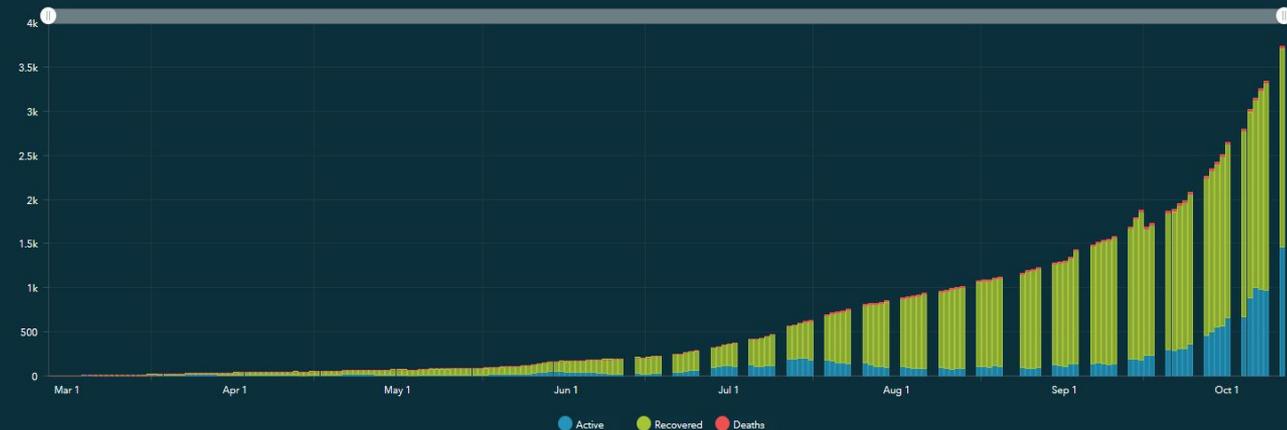
Negative

29,616

of 34,206 Total Tests

86.6% Tested Negative

Cases Over Time



Hospitalized

23

of 1,464 Cases

1.6% Hospitalized

Cases by Age





SHEBOYGAN AREA
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Current Status - Oct. 27th

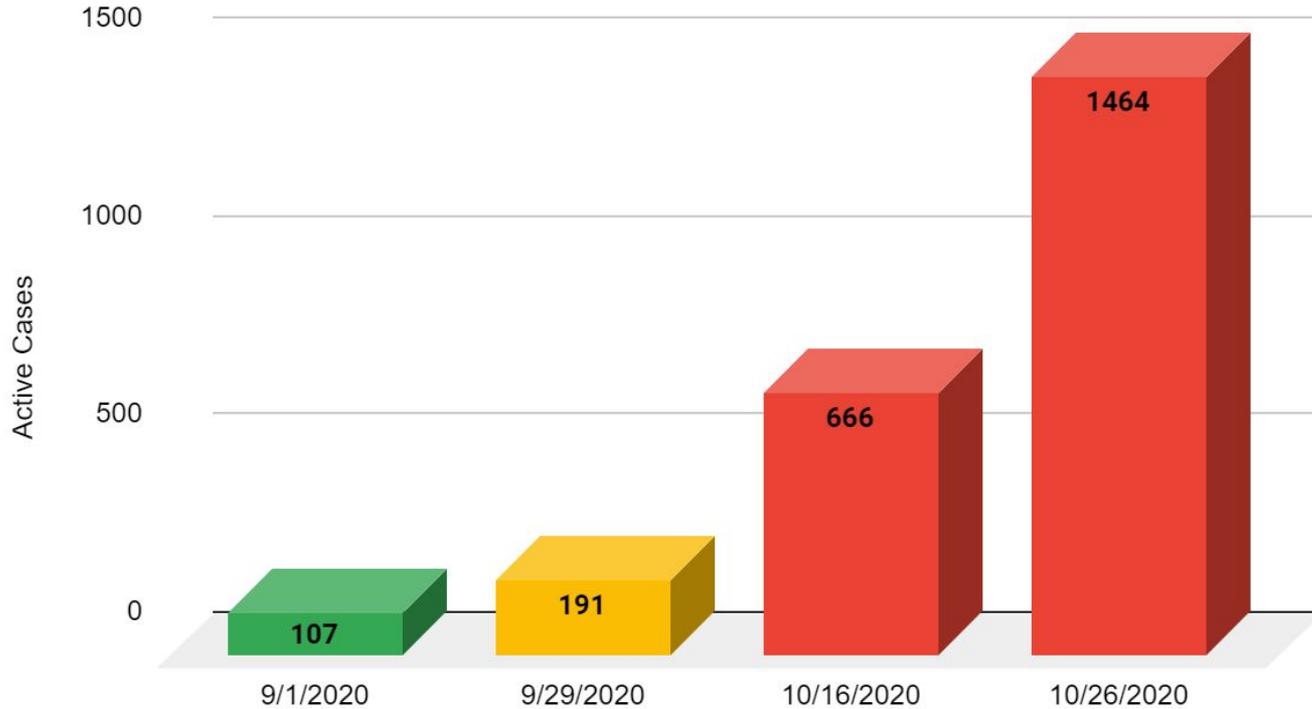
- 1,464 active cases - 1,269 per 100,000
- 4,377 total cases - 3,795 per 100,000
- 7 day new case average - 93.51 per 100,000
- Burden rate - 146.2 per 10,000
- Positive Students - 107
- Positive Staff - 73
- Schools virtual - All



SHEBOYGAN AREA
SCHOOL DISTRICT

Active Cases

Active Cases

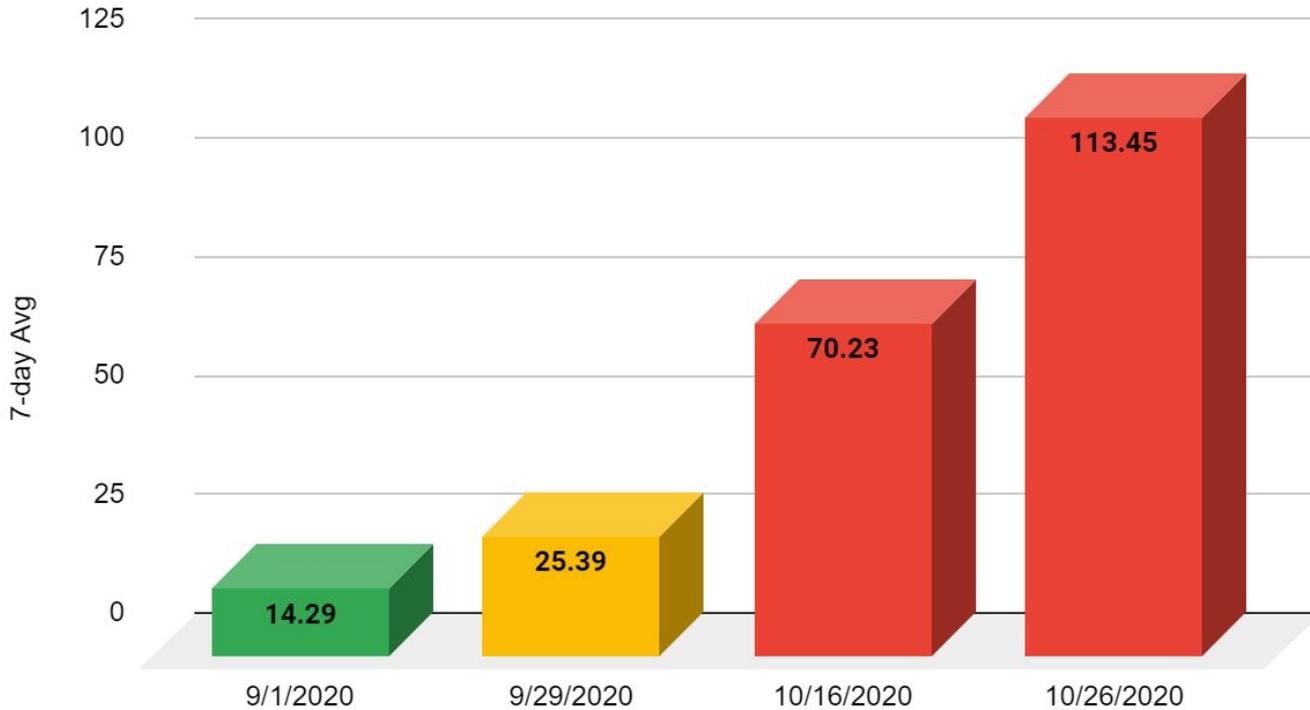




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7-Day New Case Average

7-Day Average





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7-Day New Case Average

COVID RISK LEVEL: **GREEN**

LESS THAN ONE CASE PER 100,000 PEOPLE

ON TRACK FOR CONTAINMENT

MONITOR WITH VIRAL TESTING AND CONTACT TRACING PROGRAM

#THEPATHTOZERO

COVID RISK LEVEL: **YELLOW**

1-9 CASES PER 100,000 PEOPLE

COMMUNITY SPREAD

RIGOROUS TEST AND TRACE PROGRAMS ADVISED

#THEPATHTOZERO

COVID RISK LEVEL: **ORANGE**

10-24 CASES PER 100,000 PEOPLE

ACCELERATED SPREAD

STAY-AT-HOME ORDERS AND/OR RIGOROUS TEST AND TRACE PROGRAMS ADVISED

#THEPATHTOZERO

COVID RISK LEVEL: **RED**

25+ CASES PER 100,000 PEOPLE

TIPPING POINT

STAY-AT-HOME ORDERS NECESSARY

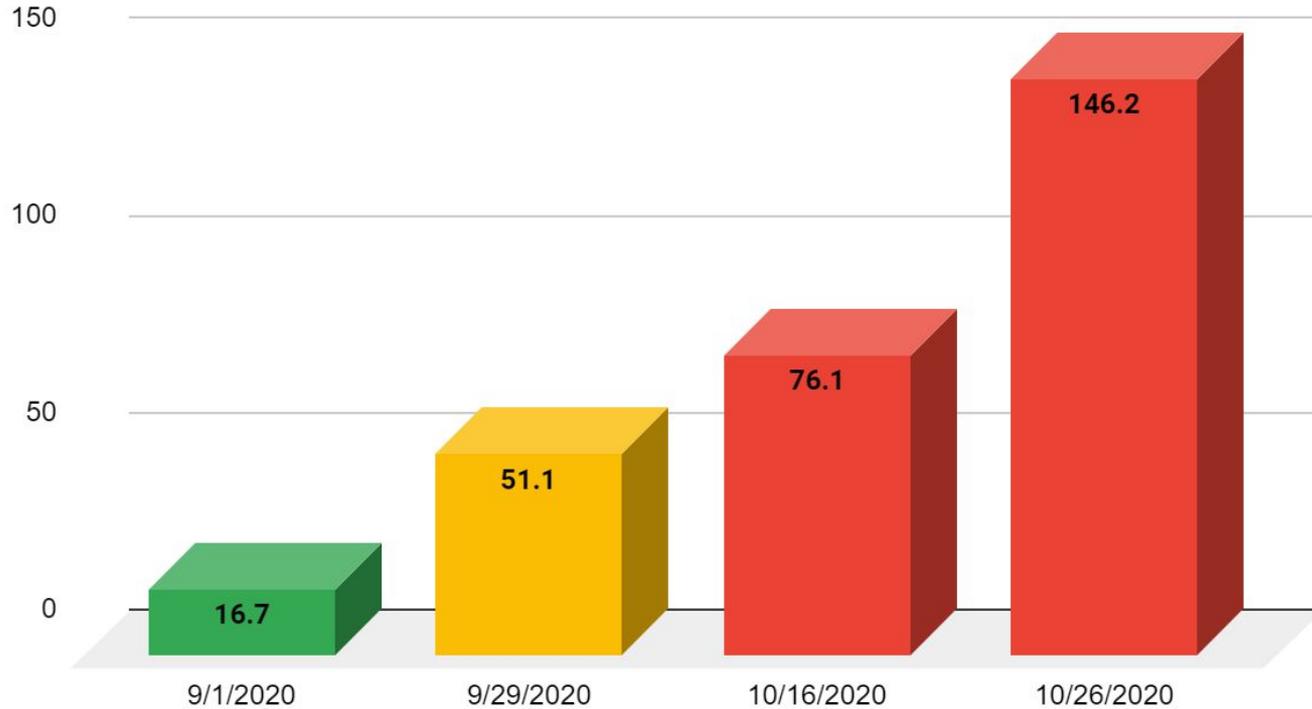
#THEPATHTOZERO



SHEBOYGAN AREA
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Burden Rate

Burden Rate





Burden Rate

- State of Minnesota School Reopening Guidance
 - Virtual schooling only suggested at 50 or more cases per 10,000 residents over a 14-day period (commonly referred to as a “burden rate”)
 - 10/7/2020 - 10/20/2020 14-day average = 146.2 per 10,000 residents
 - 9/16/2020 - 9/29/2020 14-day average = 51.1 per 10,000 residents
 - 8/19/2020 - 9/01/2020 14-day average = 16.7 per 10,000 residents

Recommended policy options based on 14-day case rate range

	Policy Option	Range (14-day case rate per 10,000 people)
	In-person learning for all students	0 to less than 10
9/01/2020 →	Elementary in-person, Middle/high school hybrid	10 to less than 20
9/29/2020 →	Both hybrid	20 to less than 30
	Elementary hybrid, Middle/high school distance	30 to less than 50
10/16/2020 →	Both distance	50 or more



Positivity Rate

SHEBOYGAN COUNTY, WISCONSIN

Positive Test Rate

Last updated October 26, 2020

Generated by
CovidActNow.org



https://covidactnow.org/us/wisconsin-wi/county/sheboygan_county



Positivity Rate

Children's Hospital of Philadelphia PolicyLab - Guidance Related to Positivity Rate

All decisions to return to in-person instruction should be weighed in the context of the strength of health and safety plans to mitigate within-school transmission.

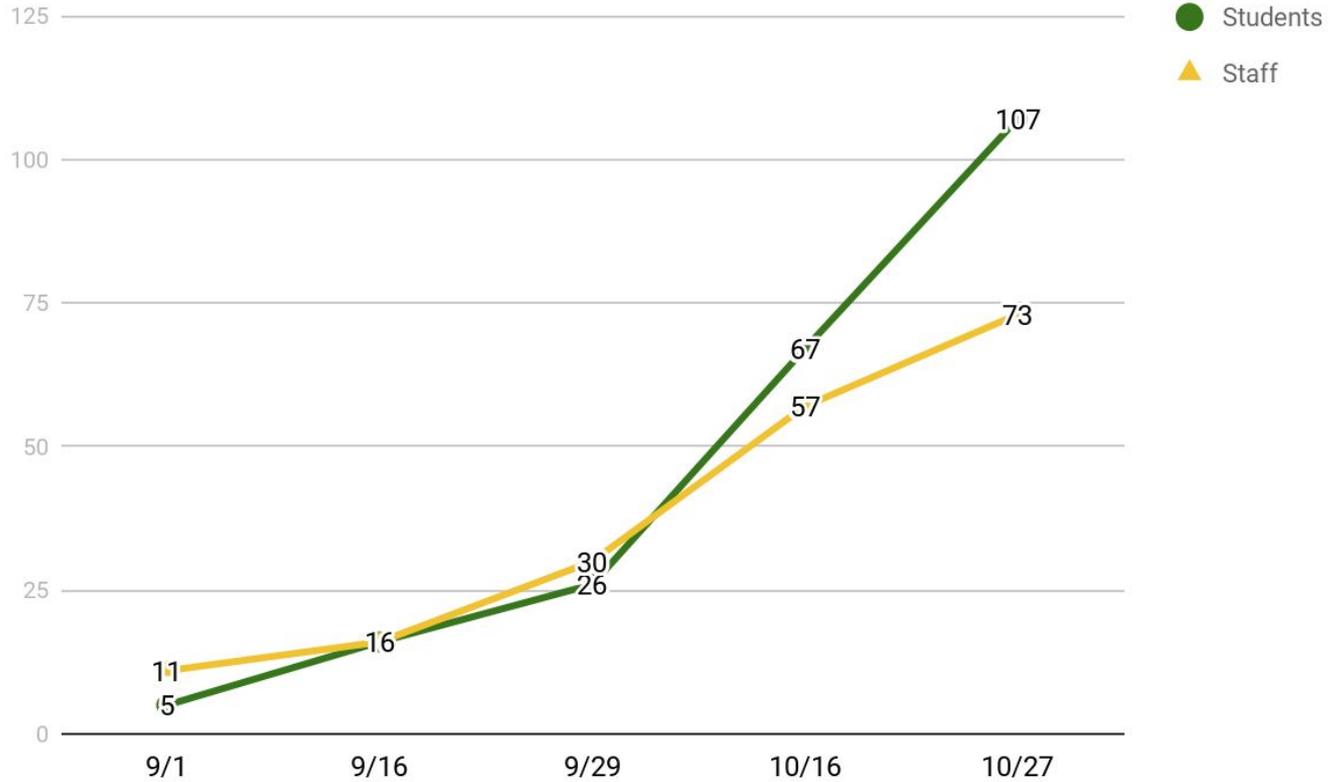
Threshold	Guidance
<u>Stable or declining weekly</u> case incidence approaching 10 per 100,000 AND less than 5% test positivity	Reopen schools previously online for full in-class or hybrid instruction in compliance with state and district guidance
<u>Stable or declining weekly</u> case incidence between 10-35 per 100,000 AND less than 5% test positivity	Consider incremental reopening strategy, beginning with the return of special needs and/or elementary age children to the classroom
<u>Stable</u> case incidence and test positivity between 5% to 9%	If already resumed in-class instruction, cautiously continue with plan, including incremental reopenings, provided there is no evidence of linked transmission between students or staff during the school day; when linked transmission occurs, consult with health department to guide decisions for classroom or school closure; actively monitor county rates with public health department to inform school closure during periods of accelerating disease transmission
9% or greater test positivity	Revert to online schooling only, as testing positivity would indicate widespread community transmission





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Student/Staff Positive Cases





Current Status - Sheboygan County Health

- Community transmission has overwhelmed SCH Department's ability to properly contact trace
- SCH Department is currently not making school model (fully/hybrid/virtual) recommendations
 - Last used SCH metric would place Sheboygan County in the "Severe Risk" (virtual only instruction) category
 - As of 10/23 SCH is working on a new metric that incorporates medical staffing availability along with hospital capacity.
- SASD continues to collaborate with SCH in discussions related to the safety of school operations

Current Status - Sheboygan County Health



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October 16, 2020 8:00 AM

Sheboygan County School Risk Status

Indicator	Metric	Status
Epidemiology	Downward trajectory of positive cases of COVID-19 as a percentage of total tests in Wisconsin WI DHS reporting of Sheboygan County's Activity Level (calculated combination of burden and trajectory) Testing availability for all residents with COVID-19 like symptoms, with priority toward vulnerable populations	●
Health Care	Hospitals have ability to treat all patients requiring hospitalization without resorting to crisis standards Adequate PPE available to health care personnel	●
Public Health	Every resident who tests positive for COVID-19 is interviewed within 24 hours of test results, COVID-19 positive contacts are interviewed within 48 hours of test results	●



Excellent

Proceed with Caution

Of Concern

Risk Level = HIGH



Current Status - Sheboygan County Health

Guidance for Schools Based on Risk Status:

Sheboygan County COVID19 Recommendations for Schools

Low Risk	Moderate Risk	High Risk	Severe Risk
<p>Open with active monitoring of students, visitors and staff. No indoor assemblies greater than 100 people.</p> <p>Meals may be consumed in the cafeteria if groups are smaller than 100. Face masks, smaller class sizes, and physical distancing may be recommended based on disease activity.</p>	<p>Open with active monitoring of students, visitors and staff. For face-to-face learning, class sizes of 18-30 to allow for 6' distancing. Face masks required for students in grades K-12, staff and visitors. Minimal, essential visitors only.</p> <p>Meals may be consumed in cafeteria if groups no greater than 50 and social distancing maintained. Indoor assemblies no greater than 50 people. School should develop plans for recess and locker management.</p>	<p>Blended format for face-to-face learning. Active monitoring of students, visitors and staff. Physical distancing of 6' and face masks required for students in grades K-12, visitors and staff.</p> <p>Meals consumed in classrooms. No assemblies or field trips. Extracurricular activities follow activity guidance. Minimal, essential visitors only. Schools should develop plans for recess and locker management. Elementary - Class sizes no larger than 18, no interactions between classes. Class size to allow for 6' distancing between all students.</p> <p>Secondary – Class size to allow for 6' distancing required between all students. Limit intermingling of classes and students to the greatest extent possible.</p>	<p>No face-to-face school or activities. Virtual extracurricular activities only. Open only to facilitate distance learning. Active monitoring of on-site staff during essential functions. Masks and physical distancing for on-site staff required.</p>



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Current Status - Area Hospitals

- **County DPH: “Alarming Trend” In Hospital Capacity, Case Rates**
 - As of Friday, October 17th, the 7-day rolling average for total hospitalizations between both county hospital systems was 9 confirmed positive patients per day. That’s a 64% increase since the start of the fall semester. The average ICU bed use has nearly doubled, and the medical surgical beds required for confirmed COVID-19 patients has tripled. On October 20th, Aurora Sheboygan Memorial Medical Center and HSHS St. Nicholas Hospital reported 80% of our local medical surgical beds are being used in the county, and 83% of local ICU beds are currently occupied – by both COVID-19 and non-COVID-19 patients.

Sheboygan County Division of Public Health - [Emergency Action Alert](#)



Recommendation - Extend Virtual Learning

- Extend Virtual Learning 2 Additional Weeks Through Nov. 13, 2020
- Communicate with Parents and Staff - Oct. 28, 2020
- Confer with Sheboygan County Health - Nov. 6, 2020
- Review Metrics and Create Proposal for BoE - Nov. 9, 2020
- Present Recommendation to BoE - Nov. 10, 2020
- Communicate with Parents and Staff - Nov. 11, 2020



Rationale - Extend Virtual Learning

- Harvard/Brown Metric
 - 7-day New Case Average > 25 - Currently 113.45 per 100,000
- State of Minnesota Metric (Burden Rate)
 - 14-day Case Rate Range - Currently 146.2 per 10,000
- Positivity Rate - Children's Hospital of Philadelphia
 - Current trend is upward, with 7-day rolling average of 39.5%
- Number of COVID-19 Positive Students and Staff
 - Students - 107
 - Staff - 73
- Likelihood of spread within schools
- SCH Consultation



Decision-Making Metrics

No single metric provides a universal fit given the uniqueness of each school district. We continue to take the following guidance into account when discussing the safety of face-to-face schooling:

- [Harvard/Brown Risk Level Dashboard](#) (25 or less new cases daily)
- [Burden Rate](#) - less than 50 cases per 10,000 residents (14-day period)
- [Positivity Rate](#) - stable or declining rate (14-day period)
- SASD Staffing and Student Illness/Quarantine Data
- County Health Department Recommendation/Discussions



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QUESTIONS