

**Department of Human Resources**

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M. Jon Dean, Ed.D., Deputy Superintendent of Educational Services

To: GPPSS Board of Education

Cc: Dr. Gary C. Niehaus, Superintendent

From: M. Jon Dean and Amanda Matheson, Deputy Superintendents

Date: January 20, 2021

Re: GPPSS COVID Dashboard and COVID Tracker Information

During the Fall of 2020 GPPSS initially relied on the Wayne County Health Department for data to make informed decisions regarding the presence of COVID in our community. In November 2020 it became clear that the information provided by the Wayne County Health Department was not reliable and at times was inaccurate. With the assistance of a Grosse Pointe community member GPPSS administration sought out a more reliable source of local COVID. The end result of this effort is the Grosse Pointe COVID Dashboard.

At the BOE meeting on Monday administration will provide a presentation of our new GPPSS COVID Dashboard. The dashboard is based on COVID indicators provided by the CDC. During the presentation administration will answer questions from the BOE regarding how the dashboard has been developed, sources for the data included in the dashboard, and how the information in the dashboard could be used.

In addition to this dashboard, GPPSS administration has created a new report titled GPPSS COVID Tracking Summary. The intent of this document is to transparently provide the community a weekly summary of staff and students who are currently restricted from being in our buildings either because of a positive COVID test or being in quarantine due to being a 'close contact' with a positive case of COVID.

We have included in the board packet a copy of the one-page GPPSS COVID dashboard, the GPPSS COVID Dashboard Presentation, and a copy of the GPPSS COVID Tracking Summary. Please contact Gary, Mandy or Jon if you have any questions.

# Grosse Pointe Public Schools COVID Dashboard

Release Date: January 21, 2021

The purpose of this dashboard is to provide the GPPS Community with an accurate and up-to-date summary of key metrics that measure COVID transmission risk and impact on the local health care system. The dashboard is modelled off the Centers for Disease Control (CDC) Indicators for School Reopening Guide.

The Dashboard includes 3 Core Indicators (metrics):

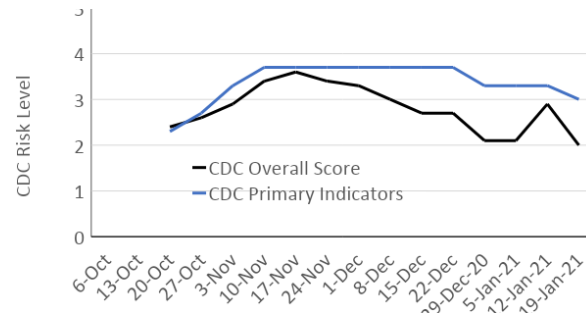
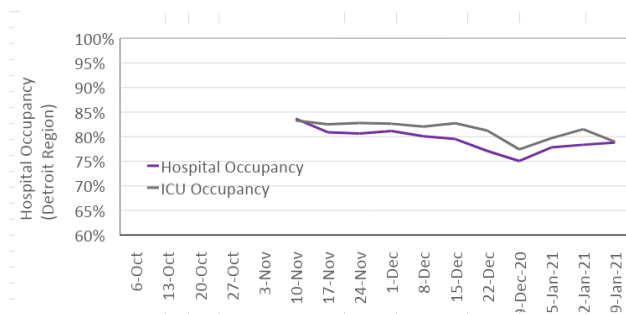
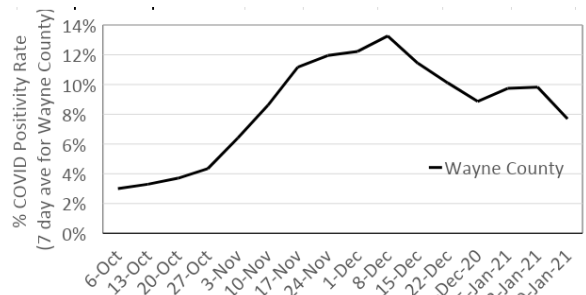
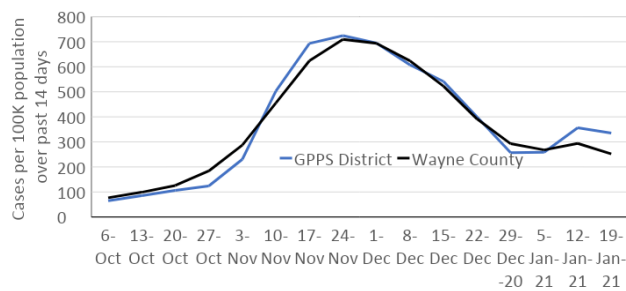
- Current Community COVID case load (All 5 Grosse Pointes and Harper Woods)
- % positive COVID testing rate for Wayne County
- GPPS Risk Mitigation Strategy Level (approved by health department)

As well as additional Secondary Indicators:

- Trends in the Community case load
- Local hospital use and capacity

Each metric has a corresponding risk level according to the CDC and further converted to a numeric score (1=Lowest risk, 5=Highest) in order to track trends in the risk metrics over time. The purpose of the dashboard is not to set specific reopening thresholds but rather to provide relevant information to decision makers.

CDC Risk Metrics															
CDC Core Indicators (as of Jan 19, 2021)						CDC Secondary Indicators (as of Jan 19, 2021)						Overall risk Score Ave of 7 factors 1=Lowest, 5=Highest			
# community cases/100K prev 14 days	Risk Level	% Positives prev 7 days (Wayne County)	Risk Level	School Risk Mitigation Strategy Up to 5	Risk Level	Core risk Score Ave of 7 factors 1=Lowest, 5=Highest	Trend: % change in weekly community case rate	Risk Level	Hospital occupancy	Risk Level	% ICU occupancy	Risk Level	% Covid inpatients	Risk Level	
335.2	Highest	7.7%	Moderate	5	Lowest	Moderate	-14%	Lowest	79%	Lowest	79%	Lowest	6%	Lower	2.0
	5		3		1	3.0		1		1		1		2	2.0



Sources:

CDC Guidelines: <https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/indicators.html>

GP and Harper Woods Case Data:

<https://wayne.maps.arcgis.com/apps/opsdashboard/index.html#/d04fff4645b140319fad972eb3740550>

County Case Counts and Positivity Rate Data: <https://www.mistartmap.info/compare>

Hospital Resources Data: <https://www.michigan.gov/coronavirus/>

GPPS Risk Mitigation Plan: [https://drive.google.com/file/d/1yePrluswKHGx\\_dTnhENUJpFe5pP-Ow62/view](https://drive.google.com/file/d/1yePrluswKHGx_dTnhENUJpFe5pP-Ow62/view)

## GPPSS COVID Tracking Summary - Elementary Schools

*This is a working document that summarizes student and staff absences due to a positive COVID situation or a COVID exposure. All GPPSS quarantine guidelines comply with the Wayne County Roadmap from the Wayne County Health Department. All data is 'as of' the date noted in row 3.*

School	Absence Reason	1/17/21					
Defer	Staff Absent due to Positive COVID Diagnosis	2					
	Staff Absent due to being in COVID Quarantine	0					
	Students Absent due to Positive COVID Diagnosis	0					
	Students Absent due to being in COVID Quarantine	0					
Ferry	Staff Absent due to Positive COVID Diagnosis	1					
	Staff Absent due to being in COVID Quarantine	0					
	Students Absent due to Positive COVID Diagnosis	0					
	Students Absent due to being in COVID Quarantine	0					
Kerby	Staff Absent due to Positive COVID Diagnosis	0					
	Staff Absent due to being in COVID Quarantine	1					
	Students Absent due to Positive COVID Diagnosis	0					
	Students Absent due to being in COVID Quarantine	1					
Maire	Staff Absent due to Positive COVID Diagnosis	0					
	Staff Absent due to being in COVID Quarantine	0					
	Students Absent due to Positive COVID Diagnosis	0					
	Students Absent due to being in COVID Quarantine	0					
Mason	Staff Absent due to Positive COVID Diagnosis	0					
	Staff Absent due to being in COVID Quarantine	0					
	Students Absent due to Positive COVID Diagnosis	0					
	Students Absent due to being in COVID Quarantine	1					
Monteith	Staff Absent due to Positive COVID Diagnosis	0					
	Staff Absent due to being in COVID Quarantine	0					
	Students Absent due to Positive COVID Diagnosis	0					
	Students Absent due to being in COVID Quarantine	0					
Richard	Staff Absent due to Positive COVID Diagnosis	0					
	Staff Absent due to being in COVID Quarantine	0					
	Students Absent due to Positive COVID Diagnosis	2					
	Students Absent due to being in COVID Quarantine	4					

### GPPSS COVID Tracking Summary - Secondary Schools

*This is a working document that summarizes student and staff absences due to a positive COVID situation or a COVID exposure. All GPPSS quarantine guidelines comply with the Wayne County Roadmap from the Wayne County Health Department. All data is 'as of' the date noted in row 3.*

School	Absence Reason	1/17/21					
Brownell	Staff Absent due to Positive COVID Diagnosis	1					
	Staff Absent due to being in COVID Quarantine	1					
	Students Absent due to Positive COVID Diagnosis	4					
	Students Absent due to being in COVID Quarantine	17					
Parcells	Staff Absent due to Positive COVID Diagnosis	1					
	Staff Absent due to being in COVID Quarantine	0					
	Students Absent due to Positive COVID Diagnosis	0					
	Students Absent due to being in COVID Quarantine	2					
Pierce	Staff Absent due to Positive COVID Diagnosis	0					
	Staff Absent due to being in COVID Quarantine	0					
	Students Absent due to Positive COVID Diagnosis	0					
	Students Absent due to being in COVID Quarantine	3					
North	Staff Absent due to Positive COVID Diagnosis	0					
	Staff Absent due to being in COVID Quarantine	0					
	Students Absent due to Positive COVID Diagnosis	0					
	Students Absent due to being in COVID Quarantine	0					
South	Staff Absent due to Positive COVID Diagnosis	0					
	Staff Absent due to being in COVID Quarantine	0					
	Students Absent due to Positive COVID Diagnosis	0					
	Students Absent due to being in COVID Quarantine	0					



# **GPPSS COVID Dashboard Presentation**

**January 25, 2021**



Due to the COVID pandemic every district, including GPPSS, needs an accurate and reliable data dashboard to inform decisions regarding student and staff interactions.

The purpose of this presentation is to share with the Board of Education and broader GPPSS community a new, more reliable, COVID data dashboard that could be used to inform decisions.



# Current COVID Dashboard

- Provided by the Wayne County Health Department
- Uses a blend of average number of cases per day and positivity rate
- Results in an A-E letter grade by municipality
- Publishing of this report has been intermittent
- Data used for this report is not robust and relies on a narrow set of indicators

The current Wayne County Dashboard is not a reliable tool to make informed decisions.



# GPPSS COVID Dashboard - A Local Tool, Based on Science, for Local Decisions

- Aligns with the current CDC document that identifies a blend of data that can be used to make decisions specific to schools
- Creates a hierarchy of core and secondary indicators for schools
- Relies on 100% publically available data



# CDC Dashboard Core Indicators

- Number of new cases per 100,000 over the previous 14 days
- Percentage of positive RT-PCR tests within the previous 14 days
- Ability of school to mitigate risk
  - GPPSS will use our county approved risk mitigation plan for this indicator



# CDC Dashboard Secondary Indicators

- Percentage of new cases per 100,000 during the past seven days compared to the prior seven days (negative number for this metric indicates improving trend)
- Percentage of occupied hospital beds in the community
- Percentage of occupied ICU beds in the community
- Percentage of in-patient beds occupied by COVID patients



# GPPSS COVID Dashboard

## Grosse Pointe Public Schools COVID Dashboard

Release Date: January 21, 2021

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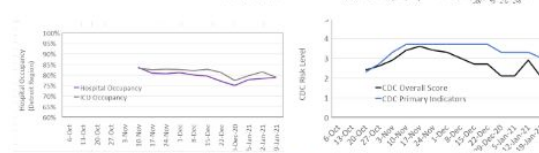
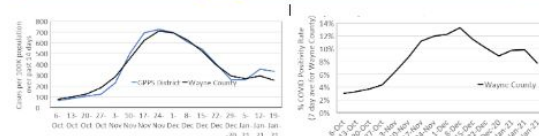
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As well as additional Secondary Indicators:

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Each metric has a corresponding risk level according to the CDC and further converted to a numeric score (1=Lowest risk, 5=highest) in order to track trends in the risk metrics over time. The purpose of the dashboard is not to set specific reopening thresholds but rather to provide relevant information to decision makers.

CDC Risk Metrics													
CDC Core Indicators (as of Jan 19, 2021)							CDC Secondary Indicators (as of Jan 19, 2021)						
Community Case Load per Week	Risk Level	% Positive Tests for County	Risk Level	Excess Risk Mitigation Strategy vs 1-5	Risk Level	Case Load Score (All 5 Grosse Pointes and Harper Woods)	Total % Change in weekly community case rate	Risk Level	Hospital occupancy	Risk Level	% COVID hospitalizations	Risk Level	Overall risk score (1=Lowest, 5=Highest)
2881	4	7.2%	4	4	4	4	15%	4	75%	4	25%	4	4



Sources:

- CDC Guidelines: <https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/indicators.html>
- GP and Harper Woods Case Data: <https://www.wayne.maps.arcgis.com/apps/bpd/dashboard/index.html/d04ff6445b140316fd977eb3740550>
- Community Case Counts and Positivity Rate Data: <https://www.mistarmap.info/corona/>
- Hospital Resources Data: <https://www.michigan.gov/coronavirus/>
- GPPS Risk Mitigation Plan: [https://drive.google.com/file/d/1yepRiusvKHGx\\_dTnhENUjPFe5p-Ow62/view](https://drive.google.com/file/d/1yepRiusvKHGx_dTnhENUjPFe5p-Ow62/view)



# GPPSS COVID CDC Dashboard

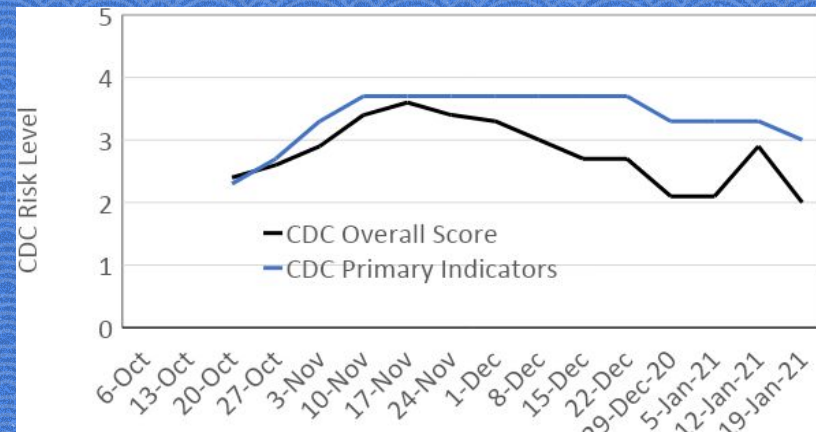
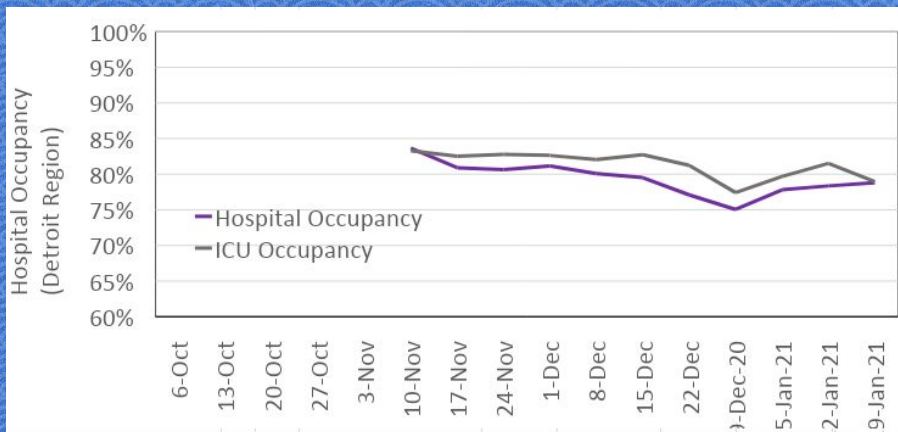
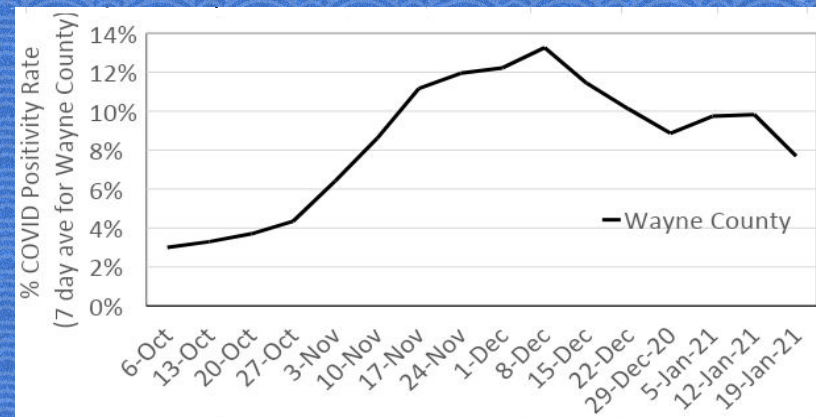
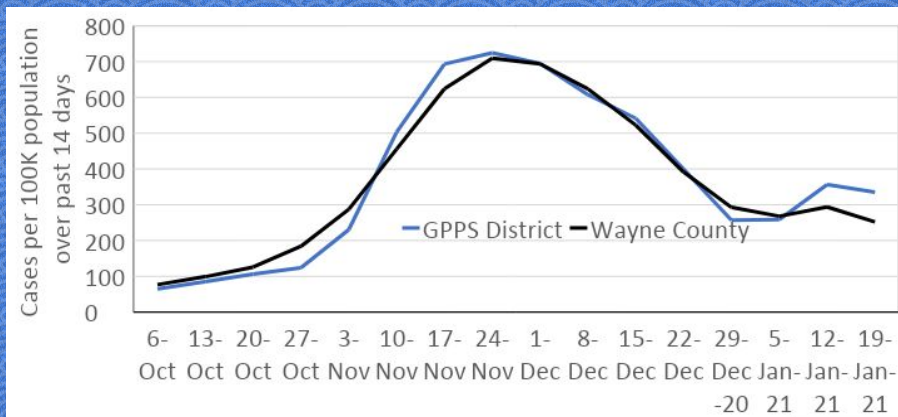
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# GPPSS Individual Indicator Graphs





# Sources for GPPSS COVID Dashboard

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<https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/indicators.html>
- GP and Harper Woods Case Data:  
<https://wayne.maps.arcgis.com/apps/opsdashboard/index.html#/d04fff4645b140319fad972eb3740550>
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# Next Steps:

- Provide staff and the community town hall opportunities to ask questions regarding the new dashboard
- Post these recorded town halls for staff and community review
- Publish GPPSS COVID Dashboard on GPPSS website [www.gpschools.org](http://www.gpschools.org)