

County Metric Review for Learning Model Guidance October 20,2020

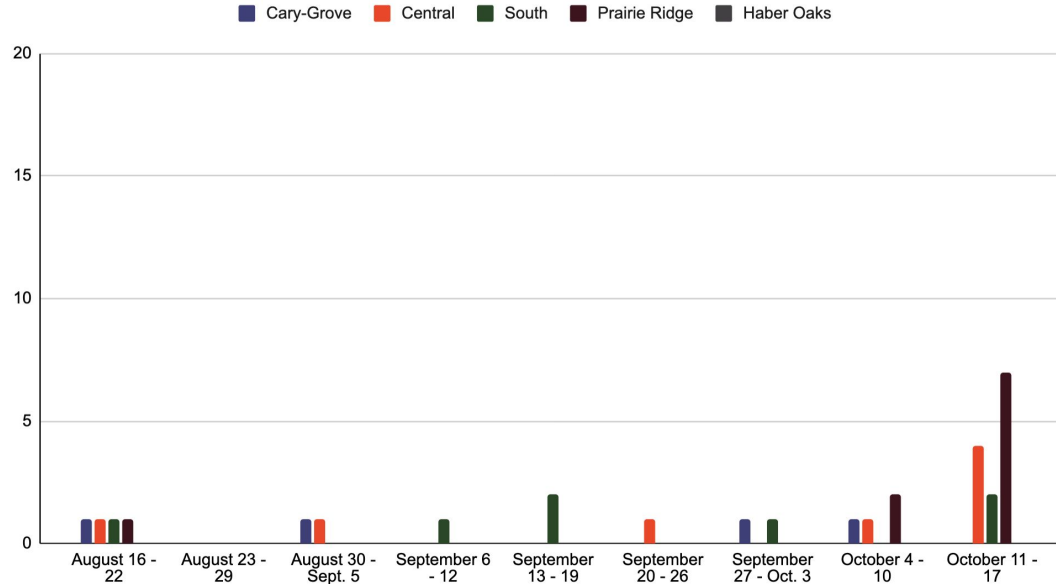


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District 155 Weekly Dashboard

District 155 COVID-19 Count



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McHenry County Health Dept. Number of Confirmed Cases

Illinois Confirmed Cases

283,885

Source: IDPH as of 9/25/2020 5:00 PM

Illinois Confirmed Deaths

8,563

Source: IDPH as of 9/25/2020 5:00 PM

Illinois Recovery Rate (%)

96%

Source: IDPH as of 9/25/2020 5:00 PM

Illinois Confirmed Cases

347,161

Source: IDPH as of 10/19/2020 5:00 PM

Illinois Confirmed Deaths

9,236

Source: IDPH as of 10/19/2020 5:00 PM

Illinois Recovery Rate (%)

97%

Source: IDPH as of 10/19/2020 5:00 PM



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McHenry County Health Dept. Number of Confirmed Cases

McHenry County Confirmed Cases

4,527

Source: McHenry County Department of Health

McHenry County Confirmed Deaths

118

Source: McHenry County Department of Health

McHenry County Recovery Rate (%)

97%

Source: McHenry County Department of Health

McHenry County Confirmed Cases

5,633

Source: McHenry County Department of Health

McHenry County Confirmed Deaths

120

Source: McHenry County Department of Health

McHenry County Recovery Rate (%)

97%

Source: McHenry County Department of Health



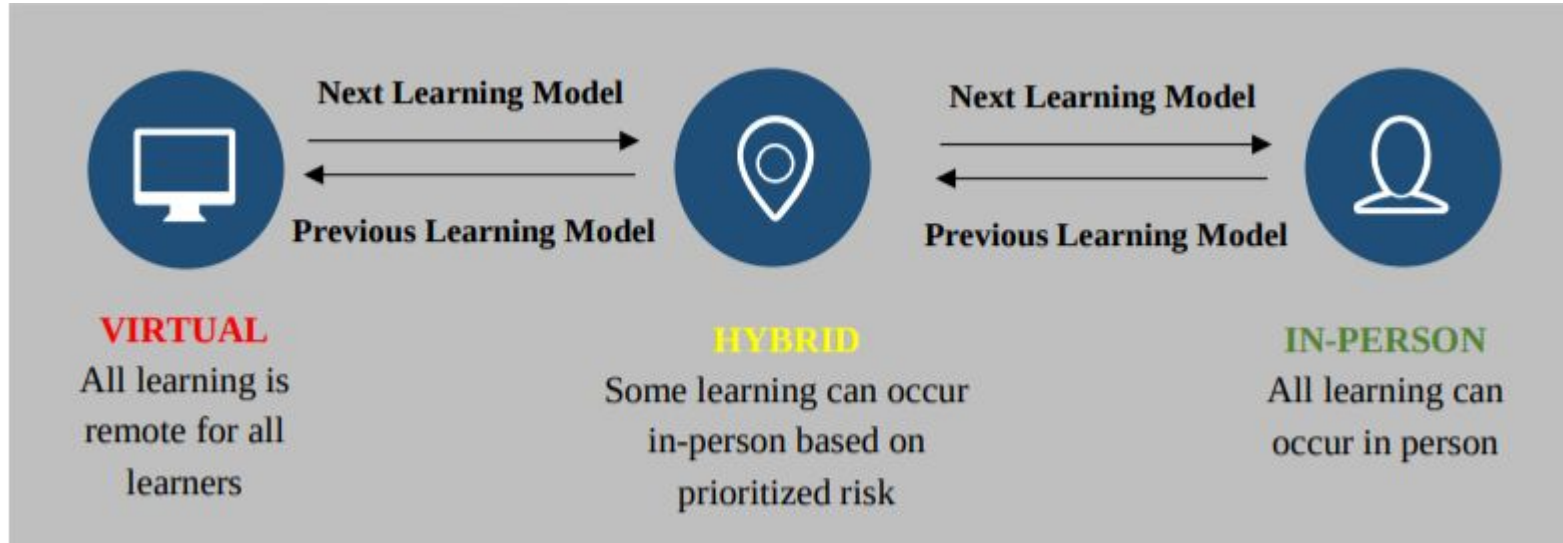
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| McHenry County School Metrics



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McHenry County Learning Models



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McHenry County Dept. of Health Metrics

- McHenry County Department of Health (MCDH) partnered with McHenry County school Superintendents to develop interim guidance that uses county-level health metrics.
- Four County Metrics: **COVID-19 Incidence Rate**, **Test Positivity Rate**, and whether **COVID-19-Like Illness (CLI) Hospital Admissions** and **Weekly Count of New Cases** are Stable/Decreasing or Increasing.
- Transitions between the various learning models are recommendations based on the science to date to reduce COVID-19 transmission and community spread.



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| Guidelines for Using Decision Matrix

- Schools are advised to consider **first transitioning to hybrid learning from virtual learning** before transitioning to full in-person learning.
- Schools are advised to consider being in the previous learning model for at **least fourteen days** before transitioning to the next.
- Schools are advised to consider **meeting all four metrics** before transitioning to the next learning model.
- Schools are advised to consider **transitioning to the previous learning model if any two measures** meet the threshold criteria for the previous learning model.



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McHenry County Decision Matrix

Metric	Virtual	Hybrid	In-Person
	All learning is remote for all learners	Some learning can occur in-person based on prioritized risk	All learning can occur in person
Incidence Rate	> 14 per 100,000 Population per day	7 – 14 per 100,000 Population per day	< 7 per 100,000 Population per day
Test Positivity	> 8%	5 – 8%	< 5%
COVID-19-Like Illness Hospital Admissions	Virtual to Hybrid: Stable/Decreasing ⁴	Hybrid to In-Person: Stable/Decreasing ⁴ ; Hybrid to Virtual: Increasing ⁵	In-Person to Hybrid: Increasing ⁵
Weekly Count of New Cases Increase ³	Virtual to Hybrid: Stable/Decreasing ⁶	Hybrid to In-Person: Stable/Decreasing ⁶ ; Hybrid to Virtual: Increasing ⁷	In-Person to Hybrid: Increasing ⁷

The following guidelines will be used, in conjunction with IDPH School Guidance. To advance to the next less restrictive learning model, the guideline is that all metrics need to be met.



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McHenry County School Metricsffcc 5r

Definitions and Parameters of Metrics

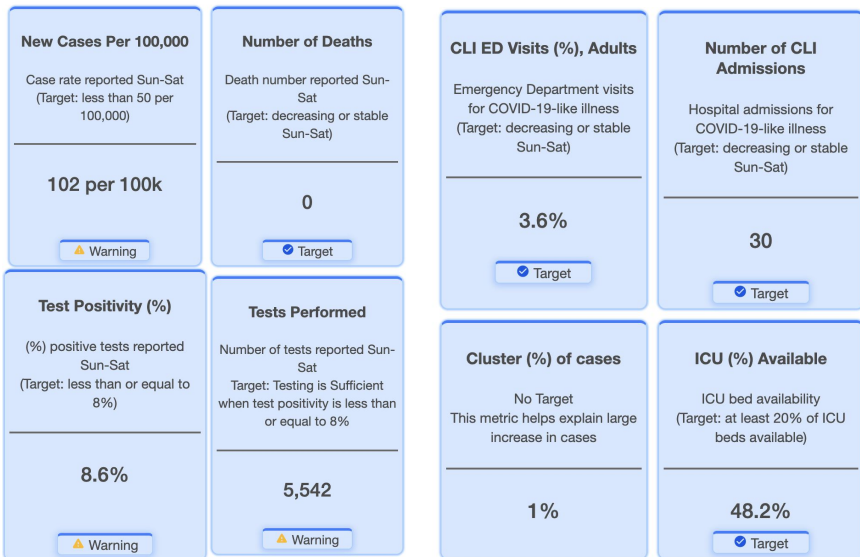
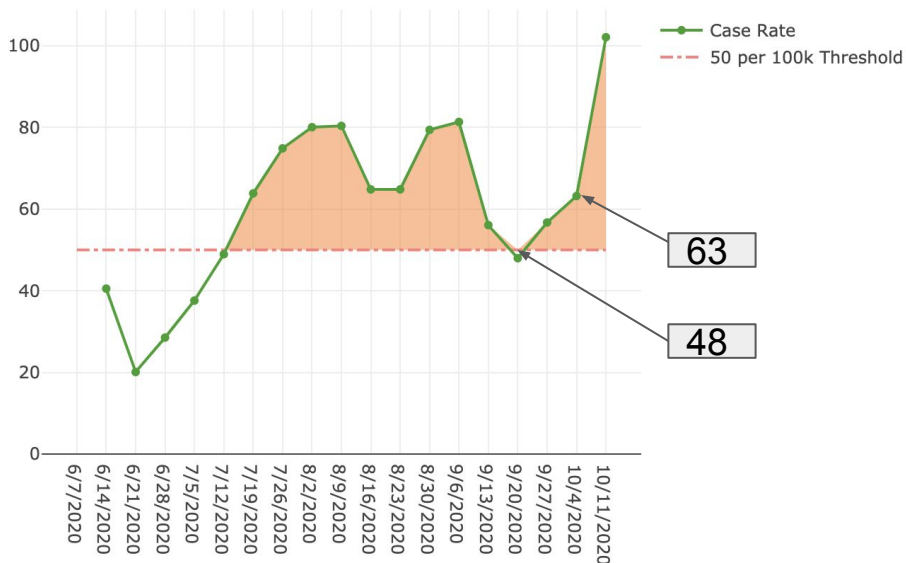
- **Case (Incidence) Rate:** Total number of new confirmed cases each day divided by the total county population, then multiplying it by 100,000.
- **Positivity Rate:** Total number of positive tests for the last 7 days by the total tests performed in the last 7 days, multiplied by 100. (percentage of positive).
- **COVID-19 Like Illness Admissions:** CLI hospital admissions over the last 7 days is stable/decreasing or increasing.
- **Weekly Count of New Cases:** Total number of both overall and youth (age 3-18) cases each day divided by the total county population, then multiplying it by 100,000. Is it stable/decreasing or increasing +/- 10% over previous 2 weeks.



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IDPH: Weekly Historical Trends of McHenry County Metrics

Case Rate Per 100k



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Northwestern Medicine Metrics - McHenry County

Over the Last Week:

	9/21/2020	9/22/2020	9/23/2020	9/24/2020	9/25/2020	9/26/2020	9/27/2020
Tests per Day*	662.9	669.9	650.3	649.7	670.7	632.7	642.0
Cases per Day*	23.3	26.9	25.7	27.6	26.9	27.1	26.7
Positivity Rate*	3.51 %	4.01 %	3.95 %	4.24 %	4.00 %	4.29 %	4.16 %
Weekly New Case Rate per 100,000 population	50.8	58.6	56.1	60.2	58.6	59.3	58.3

* Calculated as 7-day rolling averages

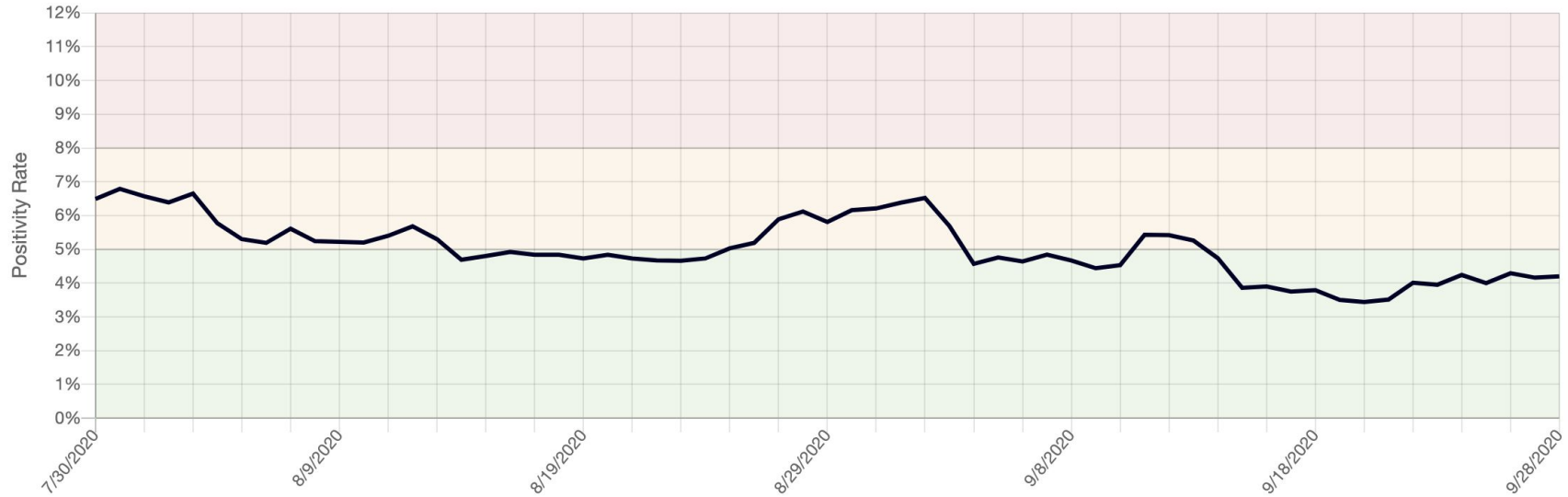


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Northwestern Daily Breakdown

Rolling Average 7-Day COVID Positivity Rate

(Hover over the line to see the rate for a specific day)



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Northwestern Medicine Metrics - McHenry County

Over the Last Week:

	10/13/2020	10/14/2020	10/15/2020	10/16/2020	10/17/2020	10/18/2020	10/19/2020
Tests per Day*	881.3	867.4	869.3	899.6	787.7	940.6	948.0
Cases per Day*	51.1	50.3	53.9	57.9	50.4	71.3	72.1
Positivity Rate*	5.80 %	5.80 %	6.20 %	6.43 %	6.40 %	7.58 %	7.61 %
Number of new cases (7-day) per 100,000 population	111.6	109.8	117.6	126.3	110.1	155.6	157.5

* Calculated as 7-day rolling averages

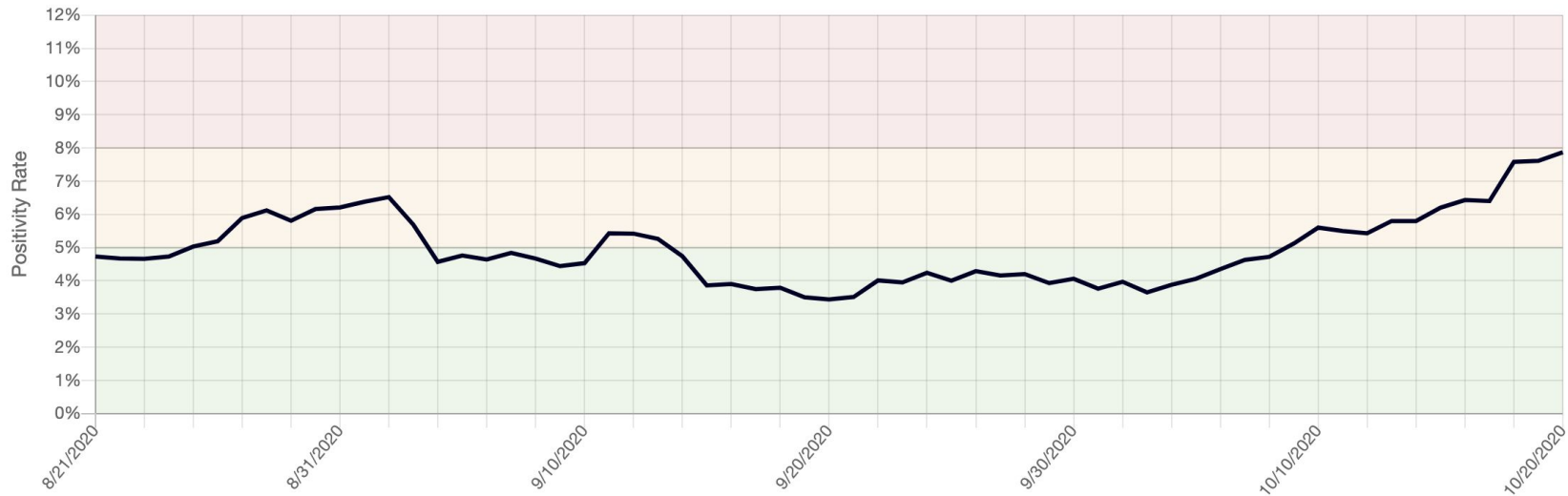


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Northwestern Daily Breakdown

Rolling Average 7-Day COVID Positivity Rate

(Hover over the line to see the rate for a specific day)



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MCDH Metric Breakdown

Metric	Current Status
Incidence Rate	> 14 Cases per 100,000 per Day
Test Positivity	5—8%
COVID-19-Like Illness Hospital Admissions	Stable/Decreasing
Weekly Count of New Cases Increase	Increasing

Last updated 10/19/2020. View image in landscape mode for best results on mobile devices. The image may not be fully viewable on all mobile devices.



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| MCDH Guidance

Schools are advised to continue virtual, or remote instruction when:

- Incidence rate exceeds 14 per 100,000 population per day
 - *>14 Cases per 100,000 per Day*
- Test positivity exceeds 8%
 - 6.7%
- COVID-19 like illness hospital admissions has an increase
 - *Stable/Decreasing*
- Weekly case count has an increase
 - *Increasing*



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| Tracking Covid Metrics

The following sources of data and/or guidance frameworks have been made available for school districts to utilize as part of their decision-making process and continual monitoring during the COVID-19 pandemic.

- [McHenry County Health Department \(MCHD\) COVID-19 dashboard](#)
- [Illinois Department of Public Health \(IDPH\) - Region 9 Resurgence data](#)
- [Illinois Department of Public Health \(IDPH\) - County Level Metrics](#)
- [Illinois Department of Public Health \(IDPH\) - County & School Metrics \(School Determination of Community Spread\)](#)
- [Northwestern Medicine Illinois COVID Data by Zip Code](#)
- [CDC - Indicators for Dynamic School Decision-Making](#)
- [Covid Dashboard - SOQIC at Northwestern](#)
- <https://globalepidemics.org/key-metrics-for-covid-suppression/> - Harvard Global Health Inst.



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| Questions



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