

# **STATE OF THE METRICS**

## **GLEN ELLYN SCHOOL DISTRICT 41**

**September 21, 2020**



**Pandemic Response Advisory Team  
Metrics Subcommittee**

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# **Metrics References**

# IDPH Metrics Methodology

All metrics will be updated weekly, based on the previous week (i.e., previous Sunday through Saturday).

## Weekly New Case Rate per 100,000 people

Calculated as a rate = [County case count for 7 days] / [County population] x100,000

If there are fewer than 10 new cases for 7 days, the rate is not calculated and the exact count is used, due to instability in the rate.

Minimal: Case count is fewer than 10 or the rate is < 50 cases per 100,000 people

Moderate: Case rate is > 50 cases per 100,000 people or < 100 cases per 100,000

Substantial: Case rate is greater than 100 cases per 100,000 people

## Weekly Count of New cases increase

The total count of new cases reported during the 7 days is measured for the change from week to week for two consecutive weeks

Minimal: Case number increases for 2 weeks, by > 5% each week and <10%

Moderate: Case number increases for 2 weeks, by > 10% each week and <20%

Substantial: Case number increases for 2 weeks, by > 20% each week

## Weekly Count of New Youth Cases increase

The total count of new cases that are Under 20 years old, reported during the 7 days is measured for the change from week to week for two consecutive weeks

Minimal: Case number increases for 2 weeks, by > 5% each week and <10%

Moderate: Case number increases for 2 weeks, by > 10% each week and <20%

Substantial: Case number increases for 2 weeks, by > 20% each week

## Test Positivity

The testing data represents data reported to IDPH through Electronic Laboratory Reporting (ELR) only. It is based on the date results are reported into the ELR. It excludes testing data that are received from sites that have not implemented ELR. This excludes 3-5% of test data. Weekly test positivity = [County positive tests for 7 days] / [County total tests for same 7 days] x 100

Minimal: Test positivity is <5%

Moderate: Test positivity is >5% and <8%

Substantial: Test positivity is >8%

## DuPage County COVID-19 School Metrics Guidance

Minimal Community Transmission	Moderate Community Transmission	Substantial Community Transmission
<p><b>Encourage in-person learning with at least six feet of physical distancing between students and faculty/staff*</b></p> <p>Consider opt-in remote option for students</p> <p><u>* All IDPH/ISBE health &amp; safety precautions in place, including universal use of face coverings</u></p>	<p><b>Encourage learning models that maintain at least six feet of physical distancing*</b></p> <p><b>Some-to-no mixing of groups of students and teachers throughout/across school days</b></p> <p><b>Some students participate in virtual and some participate in-person</b></p> <p>School officials should use their discretion and expertise to determine which populations of students should receive in-person instruction whose needs are less likely to be met by virtual instruction; maintain essential services in-person and/or with remote access.</p> <p><u>* All IDPH/ISBE health &amp; safety precautions in place, including universal use of face coverings</u></p>	<p><b>Encourage 100% remote learning*</b></p> <p>School officials should use their discretion and expertise to determine which populations of students should receive inperson instruction whose needs are less likely to be met by virtual instruction.</p> <p><u>* All IDPH/ISBE health and safety precautions in place, including universal use of face coverings and at least six feet of physical distancing</u></p>
<p>Alert for one metric but remained BLUE (IDPH-defined) at any point in the last 4 weeks</p> <p>Weekly county case rates <math>\leq 50</math> per 100,000</p> <p>Weekly county overall case numbers increase for two consecutive weeks with a <math>&gt;5\%</math> to <math>\leq 10\%</math> increase occurring each week</p> <p>Weekly county youth case numbers increase for two consecutive weeks with a <math>&gt;5\%</math> to <math>\leq 10\%</math> increase occurring each week</p> <p>Weekly test positivity <math>\leq 5\%</math></p> <p>Neighboring county in orange once in the last 4 weeks</p>	<p>Transitioned to ORANGE (IDPH-defined) once in last 4 weeks</p> <p>Weekly county case rates <math>&gt;50</math> to <math>\leq 100</math> per 100,000</p> <p>Weekly county overall case numbers increase for two consecutive weeks with a <math>&gt;10\%</math> or <math>\leq 20\%</math> increase occurring each week</p> <p>Weekly county youth case numbers increase for two consecutive weeks with a <math>&gt;10\%</math> or <math>\leq 20\%</math> increase occurring each week</p> <p>Weekly test positivity <math>&gt;5\%</math> but <math>\leq 8\%</math></p>	<p>Remained in ORANGE (IDPH defined) for <math>&gt;2</math> consecutive weeks</p> <p>Weekly county case rates above <math>&gt; 100</math> per 100,000</p> <p>Weekly county overall case numbers increase for two consecutive weeks with a <math>&gt; 20\%</math> increase occurring each week</p> <p>Weekly county youth case numbers increase for two consecutive weeks with a <math>&gt;20\%</math> increase occurring each week</p> <p>Weekly test positivity <math>&gt;8\%</math></p> <p>Region moved to Tier 1 mitigation</p>
<p><b>Return to full in-person learning</b> as before COVID-19 will be based on broad access and uptake of a safe, effective vaccine to prevent additional spread of COVID-19 and/or when there are no new cases over a sustained period. This corresponds to Phase 5 of Restore Illinois Plan.</p>		

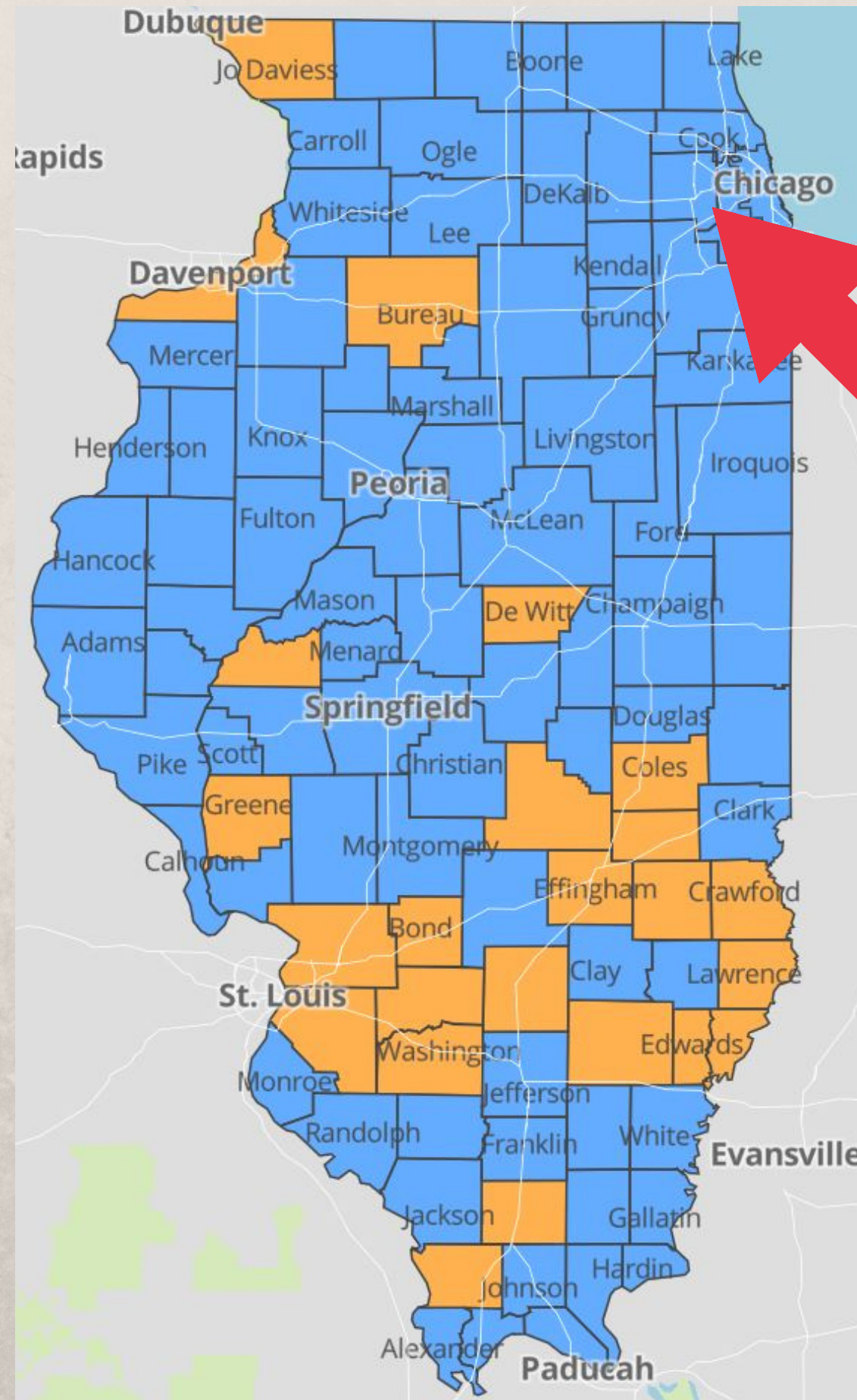
# **Week 37 Metrics**

**9/6-9/12**

# IDPH Statewide Picture Week 37 (9/6-9/12)

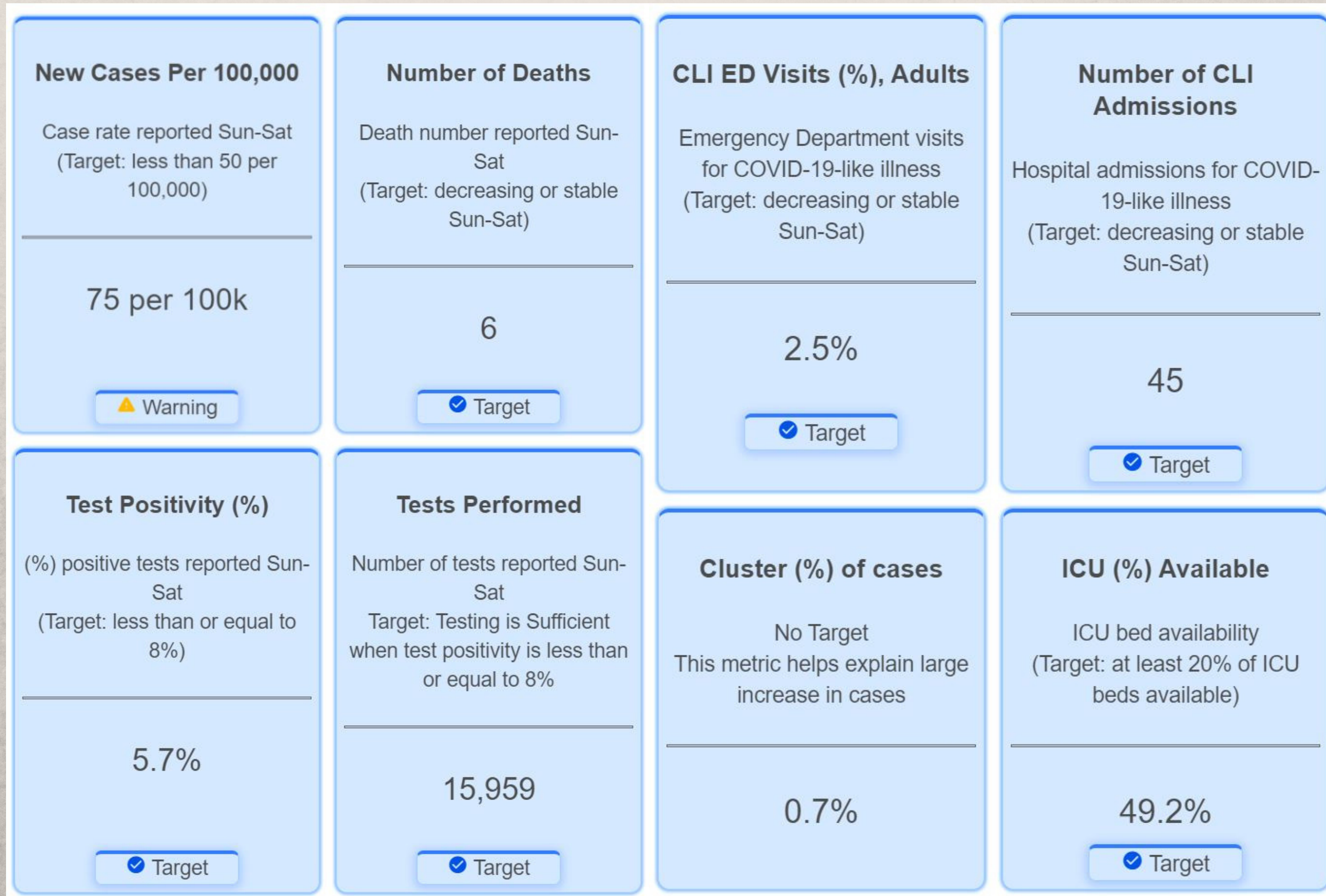
**Blue:** Stable COVID-19 metrics

**Orange:** Warning signs of increased COVID-19 metrics

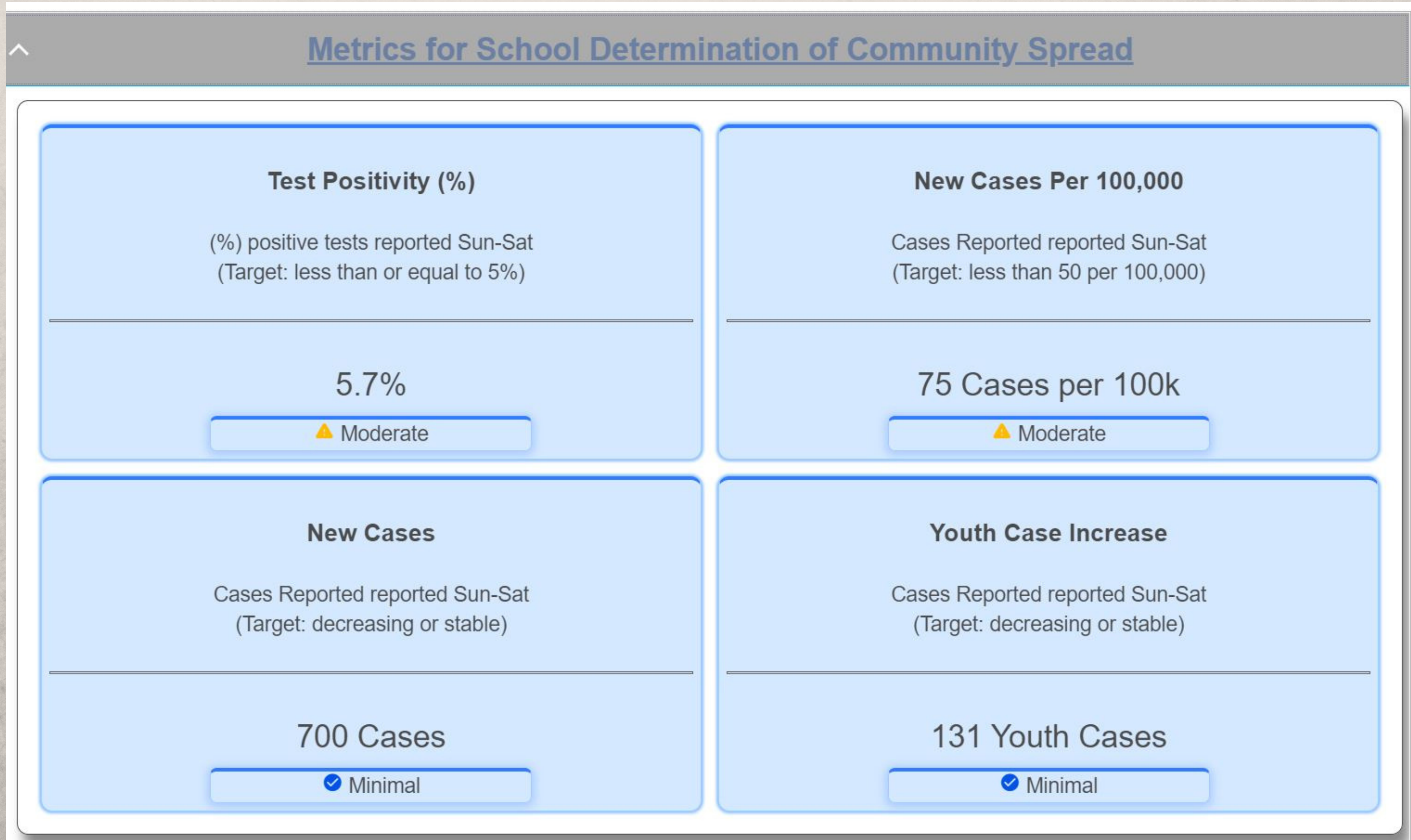


**DuPage County**

# IDPH County Level Metrics for DuPage: Week 37 (9/6-9/12)








# IDPH: DuPage COVID-19 School Metrics Week 37 (9/6-9/12)



# DuPage County COVID-19 School Metrics<sup>1</sup>

DuPage County COVID-19 Community Transmission Level: **MODERATE**  
Week 37, 9/6/2020-9/12/2020

COVID-19 School Metric	Value	Trend	Community Transmission Level by Metric
<b>Illinois Department of Public Health (IDPH) County-Level Risk Metric Color</b> <small>Source: <a href="#">IDPH County Level COVID-19 Risk Metrics</a></small>	Transitioned to ORANGE (IDPH-defined) once in the last 4 weeks <sup>2</sup>	Stable	Moderate
<b>New Cases per 100,000 per Week<sup>2</sup></b> <small>Source: <a href="#">IDPH County Level COVID-19 Risk Metrics</a></small>	75 per 100,000 per week	 <small>Down from 89 per 100,000 in Week 36</small>	Moderate
<b>Weekly Case Count Trend<sup>3,4</sup></b> <small>Source: Illinois-National Electronic Disease Surveillance System (I-NEDSS)</small>	Week 35 to Week 36 = +15.6% Week 36 to Week 37 = -12.9%		<i>Criteria for increase for two consecutive weeks were not met.</i>
<b>Weekly Youth (&lt;20 years old) Case Count Trend<sup>3,4</sup></b> <small>Source: I-NEDSS</small>	Week 35 to Week 36 = +43.5% Week 36 to Week 37 = -24.5%		<i>Criteria for increase for two consecutive weeks were not met.</i>
<b>Weekly Test Positivity<sup>2</sup></b> <small>Source: <a href="#">IDPH COVID-19 County &amp; School Metrics</a></small>	5.7%	 <small>Up from 4.8% in Week 36</small>	Moderate
<b>Neighboring/Regional Indicator Level<sup>5</sup></b> <small>Source: <a href="#">IDPH County Level COVID-19 Risk Metrics</a></small>	No county in orange this week but orange in the past 4 weeks		Minimal

# Glen Ellyn, Glendale Heights, Lombard, Wheaton, and Carol Stream

Data for 9/21/2020 (7-Day)

Rolling Average Number Tested per Day	627.4
Rolling Average Number of Positive COVID Tests per Day	18.9
Rolling Average COVID Positivity Rate	3.01 %
Weekly New Case Rate per 100,000 population	66.8

Data for 9/21/2020 (14-Day)

Rolling Average COVID Positivity Rate	3.50 %
Weekly New Case Rate per 100,000 population	73.6

Over the Last Week:

	9/14/2020	9/15/2020	9/16/2020	9/17/2020	9/18/2020	9/19/2020	9/20/2020
Tests per Day*	559.6	576.0	613.0	617.0	729.7	599.0	631.4
Cases per Day*	22.7	20.6	20.9	19.1	22.4	19.3	19.0
Positivity Rate*	4.06 %	3.57 %	3.40 %	3.10 %	3.07 %	3.22 %	3.01 %
Weekly New Case Rate per 100,000 population	80.4	72.9	73.9	67.8	79.4	68.3	67.3

\* Calculated as 7-day rolling averages

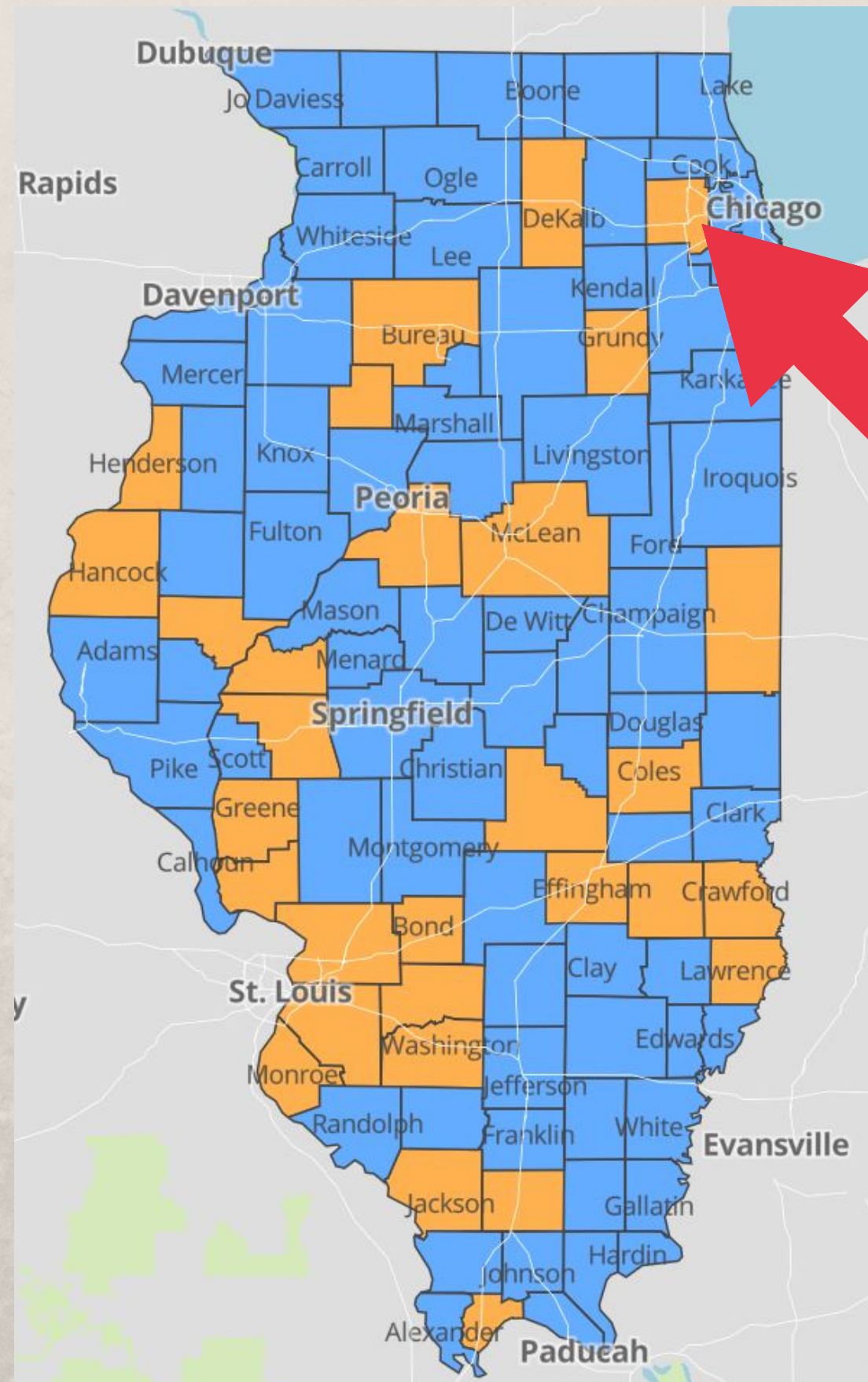
# **Week 36 Metrics**

**8/30-9/5**

# IDPH Statewide Picture Week 36 (8/30-9/5)

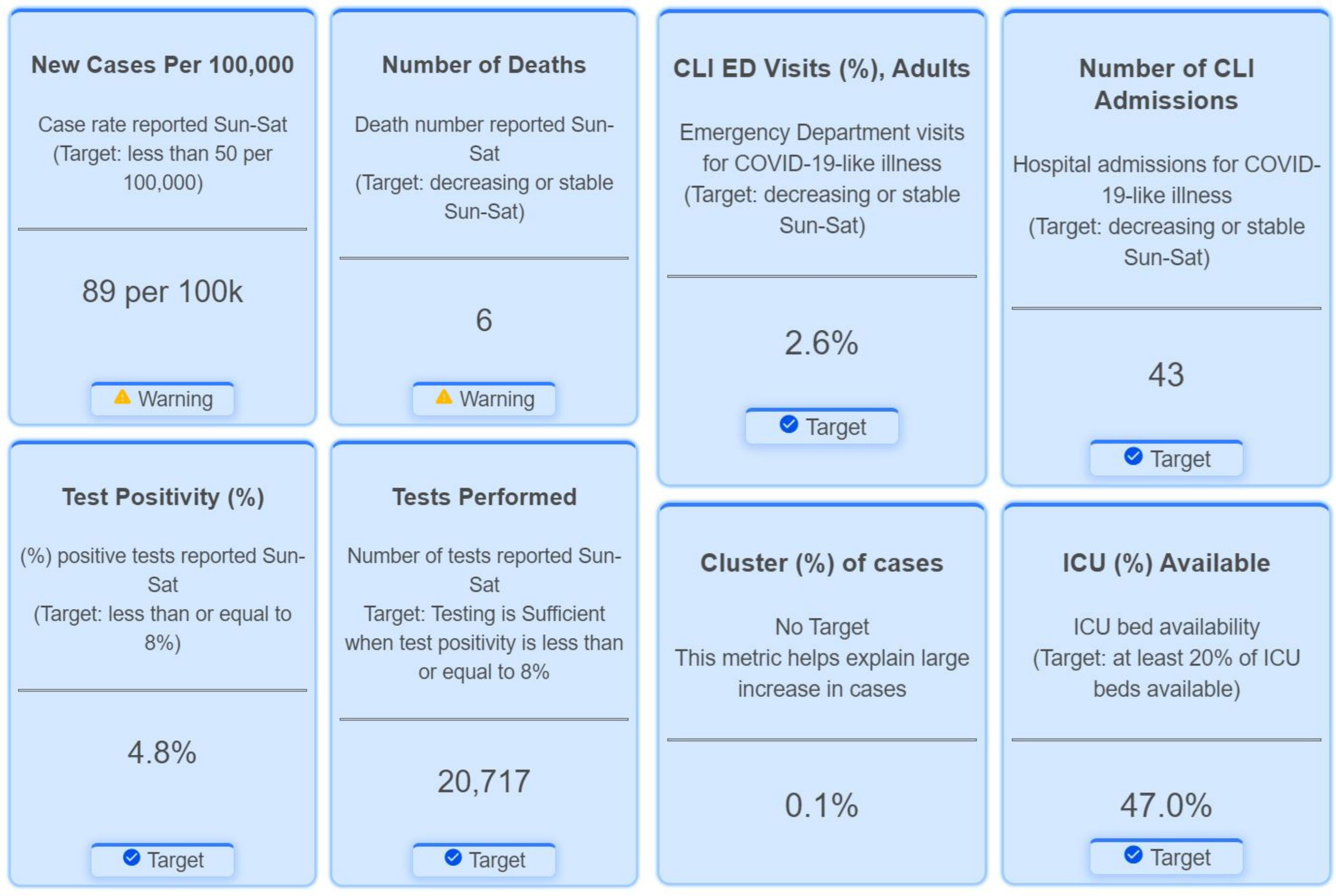
**Blue:** Stable COVID-19 metrics

**Orange:** Warning signs of increased COVID-19 metrics

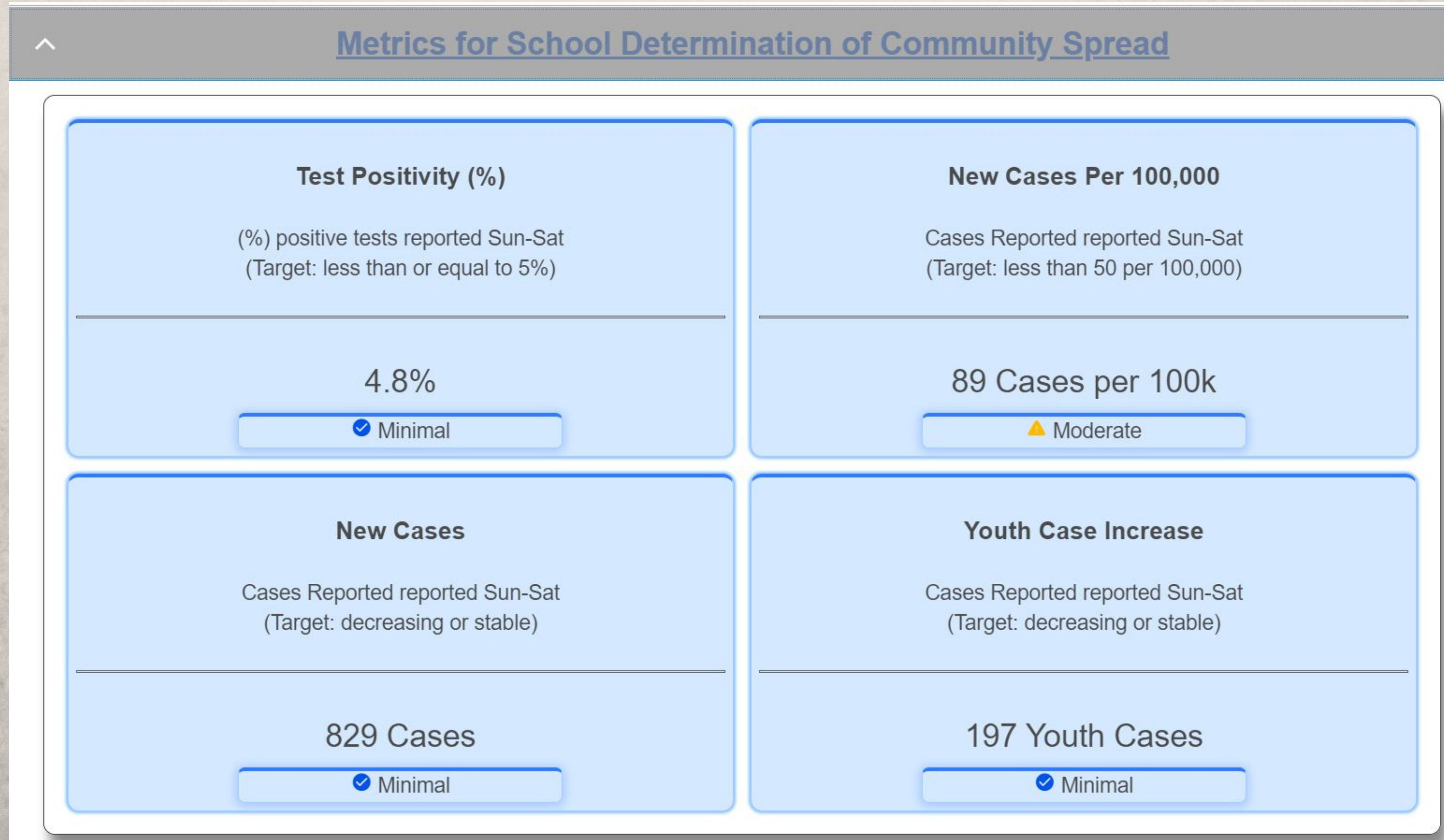


**DuPage County**

# IDPH County Level Metrics for DuPage: Week 36 (8/30-9/5)









# IDPH: DuPage COVID-19 School Metrics Week 36 (8/30-9/5)



# DuPage County COVID-19 School Metrics<sup>1</sup>

DuPage County COVID-19 Community Transmission Level: **MODERATE**  
Week 36, 8/30/2020-9/5/2020

COVID-19 School Metric	Value	Trend	Community Transmission Level by Metric
<b>Illinois Department of Public Health (IDPH) County-Level Risk Metric Color</b> Source: <a href="#">IDPH County Level COVID-19 Risk Metrics</a>	Transitioned to ORANGE (IDPH-defined) once in the last 4 weeks <sup>2</sup>		Moderate
<b>New Cases per 100,000 per Week<sup>2</sup></b> Source: <a href="#">IDPH County Level COVID-19 Risk Metrics</a>	89 per 100,000 per week	 Up from 75 per 100,000 in Week 35	Moderate
<b>Weekly Case Count Trend<sup>3,4</sup></b> Source: Illinois-National Electronic Disease Surveillance System (I-NEDSS)	Week 34 to Week 35 = -21.0% Week 35 to Week 36 = +15.6%		Criteria for increase for two consecutive weeks were not met.
<b>Weekly Youth (&lt;20 years old) Case Count Trend<sup>3,4</sup></b> Source: I-NEDSS	Week 34 to Week 35 = -34.5% Week 35 to Week 36 = +43.5%		Criteria for increase for two consecutive weeks were not met.
<b>Weekly Test Positivity<sup>2</sup></b> Source: <a href="#">IDPH COVID-19 County &amp; School Metrics</a>	4.8%	 Down from 5.1% in Week 35	Minimal
<b>Neighboring/Regional Indicator Level<sup>5</sup></b> Source: <a href="#">IDPH County Level COVID-19 Risk Metrics</a>	Neighboring county in orange once in the last 4 weeks		Minimal

# Glen Ellyn, Glendale Heights, Lombard, Wheaton, and Carol Stream

Data for 9/14/2020 (7-Day)

Rolling Average Number Tested per Day	559.6
Rolling Average Number of Positive COVID Tests per Day	22.7
Rolling Average COVID Positivity Rate	4.06 %
Weekly New Case Rate per 100,000 population	81.6

Data for 9/14/2020 (14-Day)

Rolling Average COVID Positivity Rate	3.44 %
Weekly New Case Rate per 100,000 population	79.1

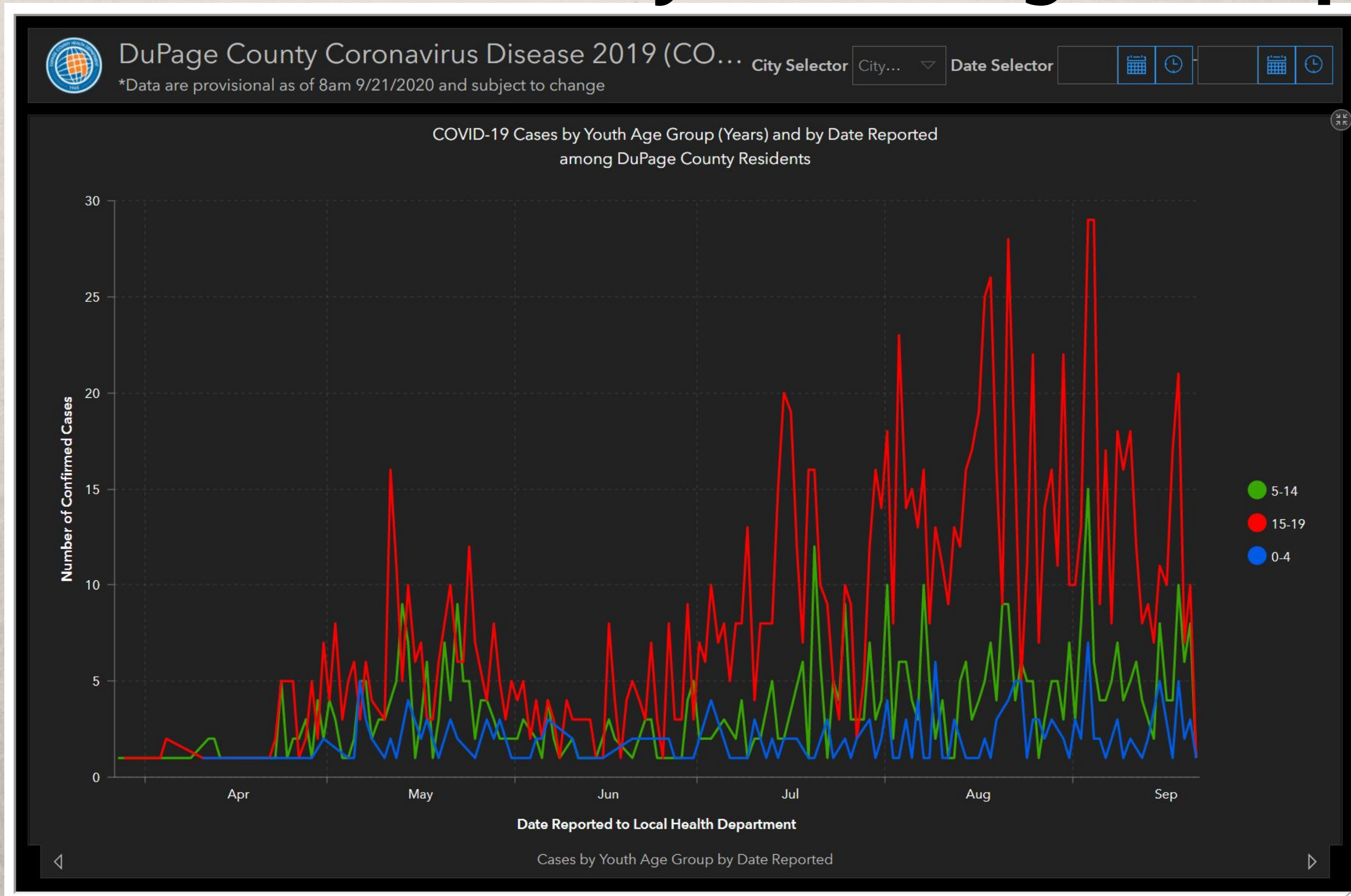
Over the Last Week:

	9/7/2020	9/8/2020	9/9/2020	9/10/2020	9/11/2020	9/12/2020	9/13/2020
Tests per Day*	720.9	720.6	719.4	742.1	434.7	581.7	550.9
Cases per Day*	21.3	22.3	22.3	23.0	15.6	19.9	21.1
Positivity Rate*	2.95 %	3.09 %	3.10 %	3.10 %	3.58 %	3.41 %	3.84 %
Weekly New Case Rate per 100,000 population	76.5	80.1	80.1	82.7	56.0	71.4	76.0

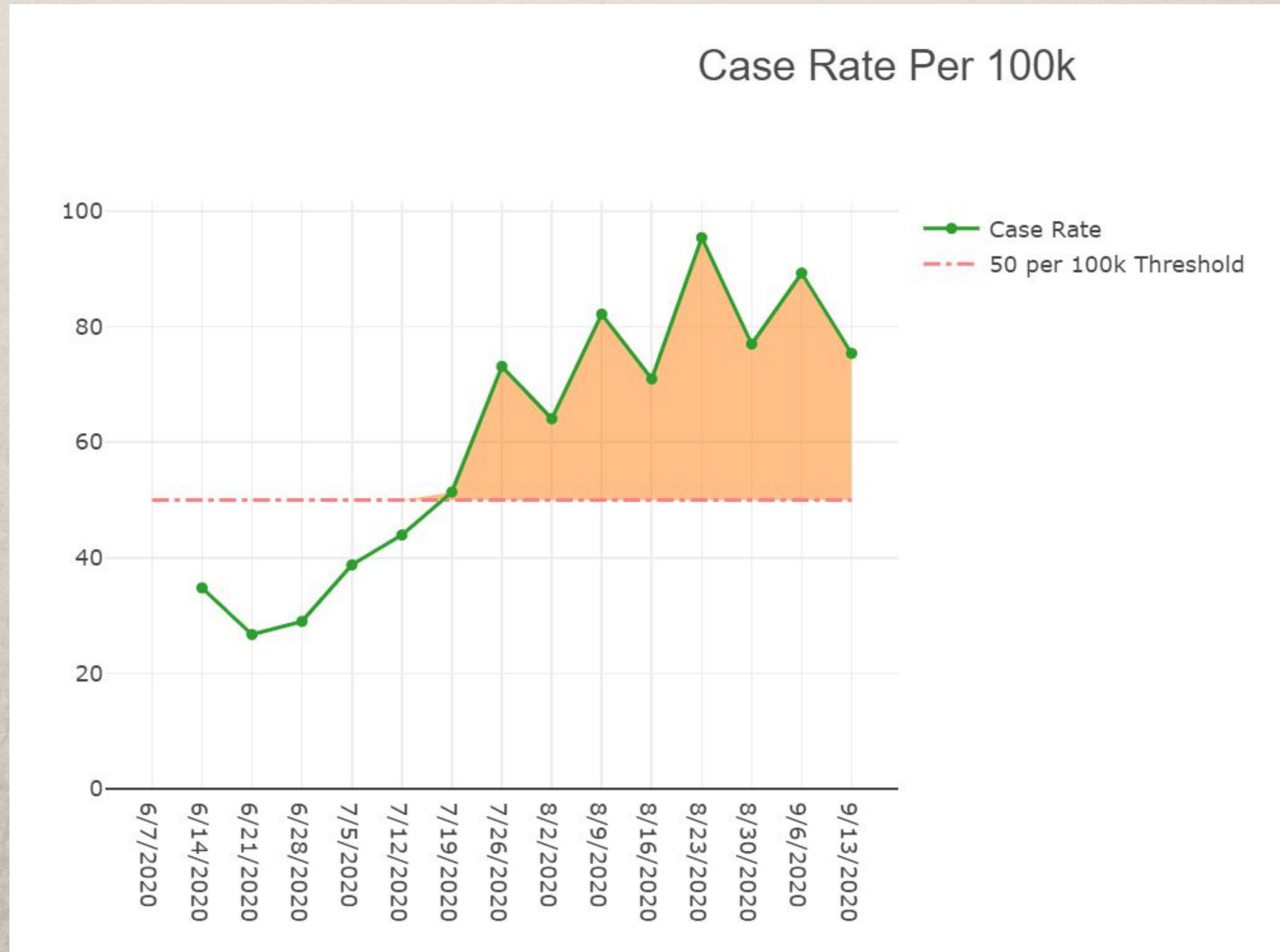
\* Calculated as 7-day rolling averages

**Trends to watch...**

# COVID-19 Cases by Youth Age Group



# DuPage County Case Rate per 100,000



# DuPage County Test Positivity

