



## Color-coded County Maps:

### Overview:

To better track the change in COVID-19 community spread week over week, the Indiana Department of Health is introducing a new county weekly scoring map. This map will assign each county a color based on the average of scores assigned for the number of weekly cases per 100,000 and its seven-day positivity rate. The overall county score will help guide the Indiana Department of Health, local partners, and Hoosiers as they make the best decisions possible to protect their communities and limit the spread of COVID-19.

The two metrics used to calculate the weekly county status score are described in detail in Table 1.

**Table 1: Key Metrics & Thresholds**

Primary Metrics	Geography	Definition	Blue (0 Points)	Yellow (1 Point)	Orange (2 Points)	Red (3 Points)
7-Day Positivity Rate (All Tests)	County	7-day moving average of the all tests positivity rate, calculated by taking the total number of positive tests and dividing by total tests administered	Less than 5%	5.0-9.9%	10-14.9%	15% or greater
Weekly Cases Per 100,000 Residents	County	Total weekly cases in a county divided by the county population and multiplied by 100,000	Less than 10 new cases per 100,000	10 to 99 new cases	100 to 199 new cases	200 or more new cases

### Weekly Score Calculation:

- The weekly county status scores and maps are updated once a week on Wednesdays at 12 p.m. The weekly update reflects data from the previous Monday through Sunday.
- On Mondays, the Indiana Department of Health will calculate the weekly scores for the metrics above. To calculate test positivity rate, IDOH will utilize Monday's 7-day average for the all tests positivity rate for each county. Please note that this calculation is lagged by 6 days to ensure complete testing information has been received.
- To calculate each county's new weekly cases, IDOH will identify all new positive cases that were collected and resulted in the period from Monday through Sunday. This number is then divided by each county's total county population and multiplied by 100,000.
- After calculating the individual scores for each of the metrics, the two scores are averaged together to determine the total county score. An example of this calculation is described in detail in Table 2.

- The ranges that determine the overall county color are as follows:
  - **Blue Zone** = 0 and 0.5
  - **Yellow Zone** = 1.0 and 1.5
  - **Orange Zone** = 2.0 and 2.5
  - **Red Zone** = 3.0
- Some counties may have a ▲ symbol on the weekly update. This symbol signifies that the county has been flagged due to a large number of cases being attributable to congregate settings. If a county has this symbol, more information will be available by hovering over the county on the scoring map.

**Table 2:** Example Scoring

<b>County Name:</b> <i>Example Co.</i>	<b>Value</b>	<b>Zone</b>	<b>Points</b>
Metric 1: 7-Day Positivity Rate (All Tests)	7.5%	Yellow	1
Metric 2: Weekly Cases Per 100,000 Residents	175	Orange	2
<b>Weekly Overall Score</b>		<b>Yellow</b>	$\frac{3 \text{ Points}}{2 \text{ Metrics}} = 1.5 \text{ Overall Points}$