

# COVID-19 Activity Level Index (CALI) Report for Hudson County

## Week ending 4/17/2021

### Summary

- The COVID-19 activity level index (CALI) in Hudson County remains high since 11/1/2020 and continues to be driven by a very high case rate. Percent CLI and Percent positivity both decreased compared to last weeks report while Case rate increased slightly.
- Similar decreases in all metrics were noted in most of the State but the overall COVID activity level index (CALI) remains high in all regions except the Central West which remains moderate for the 2<sup>nd</sup> week.

COVID-19 Activity Level Index (CALI)				
	Case Rate <sup>1</sup>	Percent CLI <sup>2</sup>	Percent Positivity <sup>3</sup>	Activity Level
Hudson County	45.93	4.63	9.40	High
Northeast	29.11	5.66	8.45	High
Northwest	30.22	5.13	9.44	High
Central West	21.75	3.83	6.57	Moderate
Central East	28.59	5.84	8.63	High
Southwest	27.30	4.80	8.01	High
Southeast	25.51	1.93	8.5	High
Statewide <sup>5</sup>				High

### Background and Definitions

COVID-19 Activity Level Index (CALI) Scoring Criteria				
	Case Rate <sup>1</sup>	Percent CLI <sup>2</sup>	Percent Positivity <sup>3</sup>	Value
Low	<1	<1.68%	< 3%	1
Moderate	1-10	1.68 -5.51%	3-10%	2
High	10.01-25	5.52%-13.08%	10.01-20%	3
Very High	>25	>13.08%	>20%	4

CALI Overall Rating Criteria		
Legend	Activity Level	CALI Score <sup>4</sup>
	Low	1
	Moderate	2
	High	3
	Very High	4

1. Case rate (per 100,000) is 7-day average of the daily new COVID cases for every 100,000 people. For Hudson County, this value is based on reports by Local Health Departments.
2. COVID-like illness (CLI) is defined as fever and cough or dyspnea (shortness of breath, difficulty breathing, etc.) or the presence of coronavirus diagnosis code and excludes other specified respiratory pathogens (flu, RSV etc.). % CLI is the 7-day average percentage of emergency department visits that meet these criteria. Data on is collected by the EpiCenter surveillance system.
3. Percent positivity is the percentage of total positive COVID-19 PCR tests out of all COVID-19 PCR tests performed. Percent positivity is monitored as a 7-day average.
4. The COVID-19 Activity Level Index (CALI) Score is calculated as the rounded average of the CALI Score for each data element.
5. The Statewide CALI score is the rounded average of each region's CALI score.