

Recent Disease Activity, by County

As of 9.24.2020



[CDC recommends](#) that all decisions about implementing school-based strategies should be made locally, in collaboration with local health officials who can help determine the level of transmission in the community. DHEC is providing this county-level data about disease transmission to support decision-making at the local level. It is not meant to be a stand-alone document.

Metrics and Categorizations:

- **Two - week Incidence Rate:** the number of new cases in the prior two weeks (September 10 – September 23, 2020) per 100,000 people. This metric provides the recent incidence of COVID-19 infections in that county. Categorization (# cases/100,000 people):
 - **Low: 0 – 50**
 - **Medium: 51 – 200**
 - **High: \geq 201**
- **Trend in Incidence Rate:** whether the two-week incidence rate is increasing, decreasing, or stable compared to the previous two weeks. For purposes of this assessment, consider the trends to be equivalent to:
 - **Decreasing by at least 10% = Low**
 - **Stable = Medium**
 - **Increasing by at least 10%= High**
- **Two-Week Percent Positive Rate:** the percentage of individuals who tested positive out of the number of individuals tested with a molecular (swab, or PCR) test in the last two weeks for each county. The metric takes into consideration the number of tests performed for residents of the county in the previous two weeks. Categorization:
 - **Low: \leq 5.0%**
 - **Medium: 5.1% - 9.9%**
 - **High: \geq 10.0%**

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How to Calculate the Disease Activity for your County:

I. Locate your county on the following table and read across for each of the three categories listed: incidence rate, trend in incidence rate, and percent positive.

1) Example: Lexington County

- 1) Incidence Rate = High
- 2) Trend in Incidence Rate = High
- 3) Percent Positive Rate = High

II. If the rates are the same in each of the three categories, as they are in the example of Lexington County, then the overall disease assessment is as it appears

1) Example: Lexington County = High

III. If the rates are not the same in each category, take the average of them.

1) Example: Laurens County:

- 1) Incidence Rate = Medium
- 2) Trend in Incidence Rate = Medium
- 3) Percent Positive Rate = High
 - 1) There are two metrics that are Medium and One that is High, so the disease activity level overall is Medium

2) Example: Beaufort County:

- 1) Incidence Rate = Medium
- 2) Trend in Incidence Rate = Low
- 3) Percent Positive Rate = High.
 - 1) There is one metric that is High, one that is Medium, and one that is Low; so the disease activity level overall is Medium.



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County	Incidence Rate (per 100,000)		Trend in Incidence Rate	Percent Positive	
Abbeville	Medium	154.9	Low	High	22.9%
Aiken	Medium	153.3	Low	Medium	9.5%
Allendale	High	702.1	High	High	26.4%
Anderson	High	265.1	High	High	16.5%
Bamberg	High	362.6	High	High	22.1%
Barnwell	High	268.4	High	High	13.6%
Beaufort	Medium	191.5	Low	High	11.0%
Berkeley	Medium	74.6	Low	Medium	5.9%
Calhoun	Medium	109.9	Low	Medium	8.6%
Charleston	Medium	121.8	Low	Medium	6.3%
Cherokee	High	315.9	High	High	43.0%
Chester	Medium	161.3	Low	High	14.6%
Chesterfield	Medium	188.4	Low	Medium	8.2%
Clarendon	Medium	186.7	Medium	Medium	9.5%
Colleton	Medium	151.3	Medium	High	12.2%
Darlington	High	250.7	High	High	12.3%
Dillon	High	479.0	High	High	17.9%
Dorchester	Medium	114.9	Low	Medium	7.1%
Edgefield	High	238.4	High	High	13.3%
Fairfield	High	250.6	Medium	High	10.4%
Florence	High	206.1	Low	High	10.6%
Georgetown	Medium	73.4	Low	Medium	7.1%
Greenville	Medium	199.2	High	High	13.7%
Greenwood	High	213.2	Medium	High	23.3%
Hampton	High	296.5	High	High	20.7%
Horry	Medium	112.1	Medium	Medium	9.9%
Jasper	Medium	192.9	High	High	16.9%
Kershaw	High	258.4	High	High	14.8%
Lancaster	High	241.8	Medium	High	17.4%
Laurens	Medium	120.0	Medium	High	13.4%
Lee	Medium	184.2	Low	High	10.6%
Lexington	High	221.6	High	High	10.8%
Marion	High	306.6	Medium	High	18.0%
Marlboro	High	268.0	Low	Medium	8.9%
McCormick	High	285.3	High	Medium	9.3%
Newberry	High	364.2	High	High	20.6%
Oconee	Medium	177.3	Low	High	12.5%
Orangeburg	Medium	125.3	Low	Medium	9.9%
Pickens	High	200.2	Low	High	12.3%
Richland	High	291.5	Low	High	13.8%
Saluda	Medium	180.7	Low	High	29.6%
Spartanburg	Medium	189.8	Low	High	27.1%
Sumter	High	209.9	High	High	13.7%
Union	High	205.0	Medium	High	40.3%
Williamsburg	Medium	187.7	Low	High	10.1%
York	Medium	155.2	Low	High	12.2%