

Recent Disease Activity, by County

As of 10.8.2020



[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 24 – October 7, 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: Oconee 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 Oconee County, then the overall disease assessment is as it appears

1) Example: Oconee 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 = High
- 3) Percent Positive Rate = High
 - 1) There is one metric that is Medium and two that are High, so the disease activity level overall is High

2) Example: Greenville 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	High	269.1	High	High	20.0%
Aiken	High	206.0	High	High	15.7%
Allendale	High	460.4	Low	High	22.6%
Anderson	High	230.6	Low	High	11.8%
Bamberg	Medium	149.3	Low	High	12.2%
Barnwell	High	373.8	High	High	15.7%
Beaufort	Medium	128.0	Low	Medium	7.2%
Berkeley	Medium	59.2	Low	Low	5.0%
Calhoun	High	240.5	High	High	12.1%
Charleston	Medium	91.6	Low	Medium	5.6%
Cherokee	High	242.6	Low	High	17.7%
Chester	Medium	186.1	High	High	15.5%
Chesterfield	Medium	170.9	Low	Medium	8.1%
Clarendon	Medium	88.9	Low	Medium	5.3%
Colleton	High	238.9	High	High	12.0%
Darlington	Medium	172.6	Low	Medium	8.1%
Dillon	High	459.3	Medium	High	16.5%
Dorchester	Medium	122.2	Medium	Medium	7.7%
Edgefield	Medium	135.7	Low	Medium	9.1%
Fairfield	High	210.3	Low	Medium	9.3%
Florence	Medium	154.0	Low	Medium	8.7%
Georgetown	Medium	92.5	High	High	10.4%
Greenville	Medium	197.9	Medium	High	11.3%
Greenwood	Medium	187.8	Low	High	16.3%
Hampton	High	369.4	High	High	14.2%
Horry	Medium	164.7	High	High	13.8%
Jasper	Medium	143.0	Low	Medium	8.6%
Kershaw	High	306.5	High	High	13.9%
Lancaster	Medium	163.2	Low	High	11.9%
Laurens	Medium	154.1	High	High	13.7%
Lee	Medium	130.7	Low	Medium	8.7%
Lexington	High	252.1	High	High	12.4%
Marion	High	254.4	Low	High	15.1%
Marlboro	High	283.3	Medium	High	10.7%
McCormick	Medium	137.4	Low	Medium	9.6%
Newberry	High	369.4	Low	High	19.8%
Oconee	High	627.3	High	High	23.4%
Orangeburg	Medium	111.4	Low	Medium	8.1%
Pickens	High	340.5	Medium	High	13.5%
Richland	High	211.2	Low	High	11.1%
Saluda	Medium	83.0	Low	High	12.2%
Spartanburg	Medium	187.6	Low	High	13.4%
Sumter	Medium	116.2	Low	Medium	9.7%
Union	High	230.6	Medium	High	10.1%
Williamsburg	Medium	65.9	Low	Low	3.5%
York	Medium	159.1	Medium	High	11.2%