

# Recent Disease Activity, by County

As of 12.23.2020



[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 (December 9 – December 22, 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: Laurens 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 Richland County, then the overall disease assessment is as it appears

**1) Example: Laurens County = High**

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

**1) Example: Berkeley County:**

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

**2) Example: Charleston County:**

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

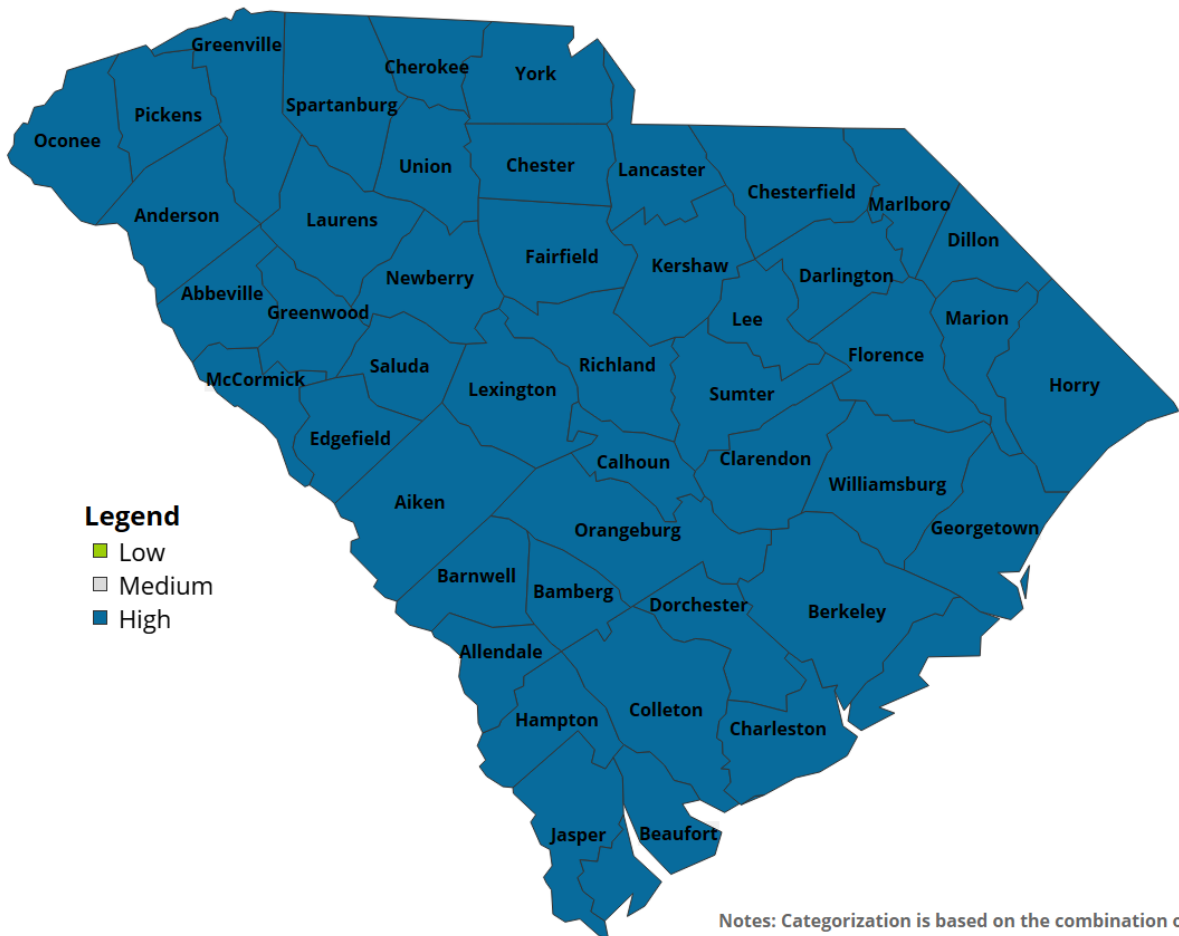
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## COVID-19 Recent Disease Activity, by County

As of 11:59 PM on 12/22/2020



Notes: Categorization is based on the combination of 2-week incidence rate, trend in incidence rate, and two-week percent positive.

0 Counties have **Low** Recent Disease Activity  
0 Counties have **Medium** Recent Disease Activity  
46 Counties have **High** Recent Disease Activity

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County	Incidence Rate (per 100,000)		Trend in Incidence Rate	Percent Positive	
Abbeville	High	595.3	High	High	27.0%
Aiken	High	658.4	High	High	23.9%
Allendale	High	287.8	High	High	17.4%
Anderson	High	885.2	High	High	28.5%
Bamberg	High	575.9	High	High	23.7%
Barnwell	High	929.7	High	High	24.4%
Beaufort	High	554.3	High	High	19.0%
Berkeley	High	295.3	Medium	High	18.2%
Calhoun	High	941.4	High	High	31.8%
Charleston	High	286.6	Medium	High	13.1%
Cherokee	High	762.7	High	High	22.7%
Chester	High	952.1	High	High	25.2%
Chesterfield	High	477.5	High	High	23.0%
Clarendon	High	580.8	High	High	14.7%
Colleton	High	334.4	High	High	18.6%
Darlington	High	984.7	High	High	28.5%
Dillon	High	1430.5	High	High	26.0%
Dorchester	High	447.1	High	High	17.4%
Edgefield	High	667.6	High	High	21.9%
Fairfield	High	684.7	High	High	19.1%
Florence	High	1243.0	High	High	27.0%
Georgetown	High	721.1	High	High	29.5%
Greenville	High	1212.3	High	High	27.6%
Greenwood	High	813.4	High	High	25.7%
Hampton	High	504.6	High	High	25.1%
Horry	High	521.3	High	High	20.3%
Jasper	High	432.3	High	High	21.2%
Kershaw	High	577.0	High	High	17.3%
Lancaster	High	841.7	High	High	25.0%
Laurens	High	726.0	High	High	27.2%
Lee	High	998.3	High	High	29.4%
Lexington	High	726.7	High	High	19.5%
Marion	High	1063.4	High	High	27.5%
Marlboro	High	620.3	Medium	High	20.5%
McCormick	High	665.8	High	High	16.4%
Newberry	High	764.8	High	High	22.0%
Oconee	High	998.2	High	High	25.8%
Orangeburg	High	572.1	High	High	22.1%
Pickens	High	1292.5	High	High	26.4%
Richland	High	585.9	High	High	15.8%
Saluda	High	429.8	High	High	24.7%
Spartanburg	High	1040.1	High	High	27.1%
Sumter	High	561.3	High	High	18.5%
Union	High	695.6	Medium	High	26.7%
Williamsburg	High	800.2	High	High	25.2%
York	High	800.4	High	High	19.3%