

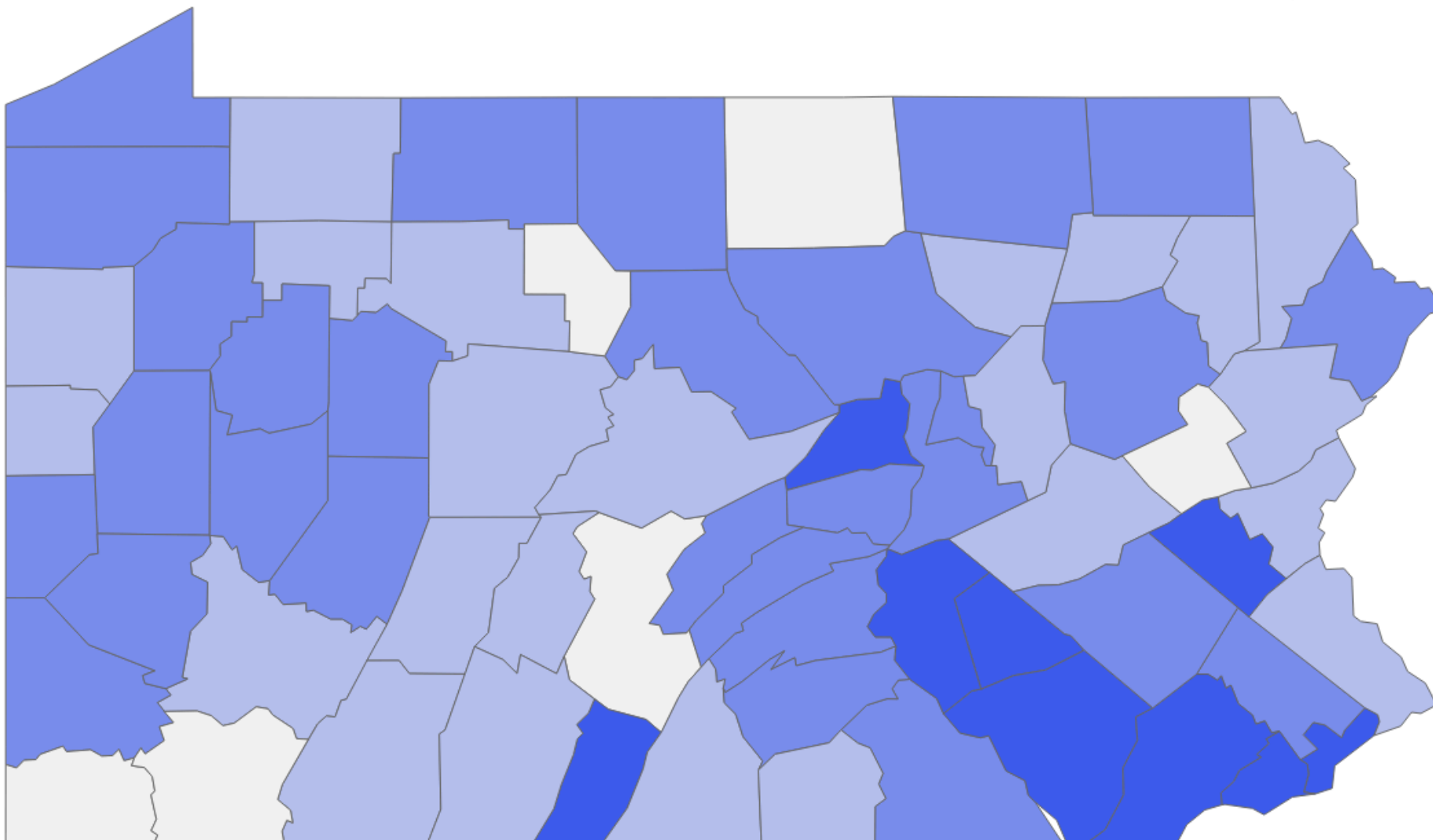
Using this Slow Reveal Graph Exercise from PHC4

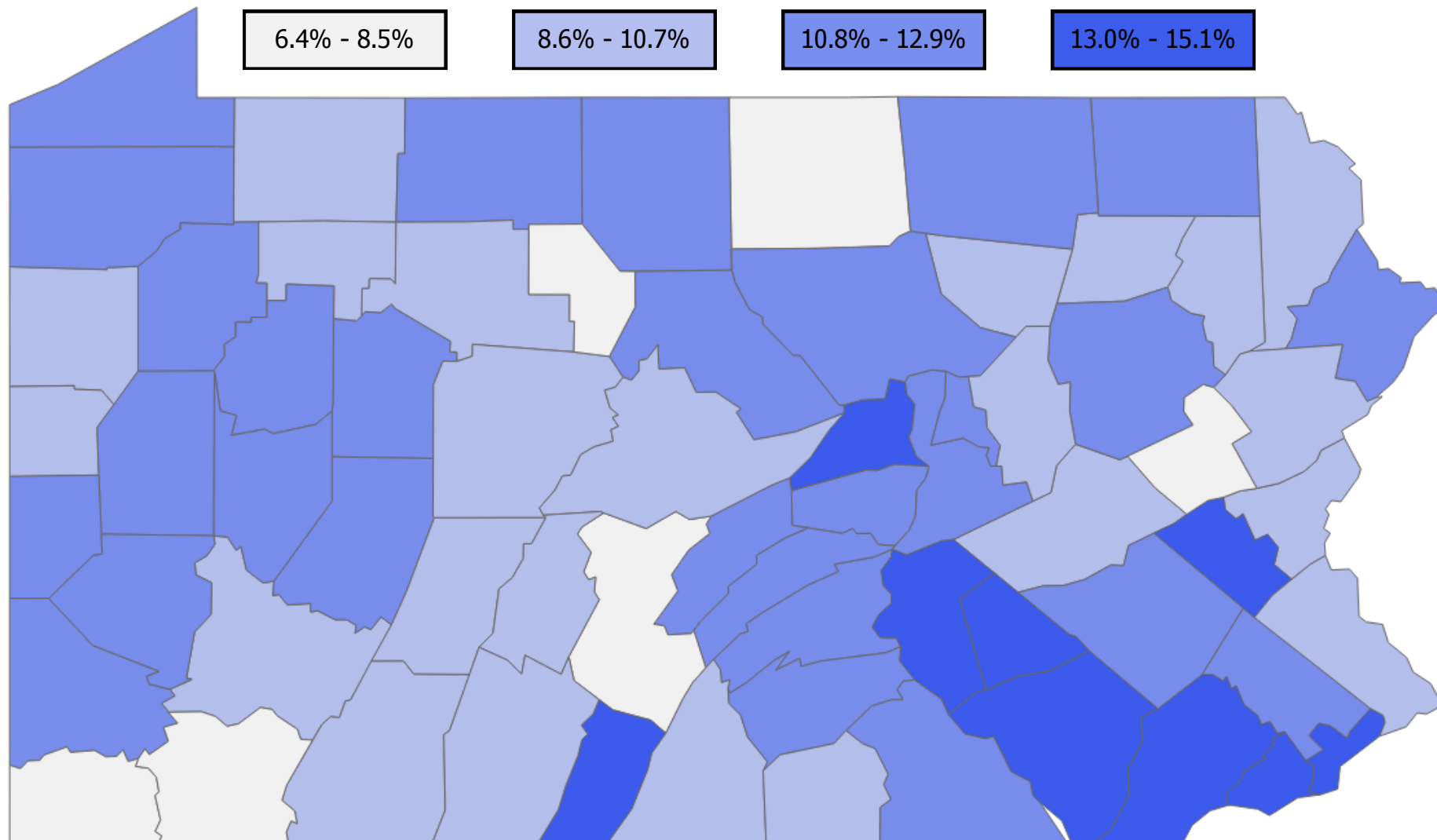
This exercise promotes sensemaking about data. By removing contextual information from the visualization presented at the end of this exercise and asking students to interpret the information as it is provided, students engage in problem solving, gain confidence, and grow their computational thinking skills. As a result, students engage more deeply with the content of graphs and other visual representations of data.¹

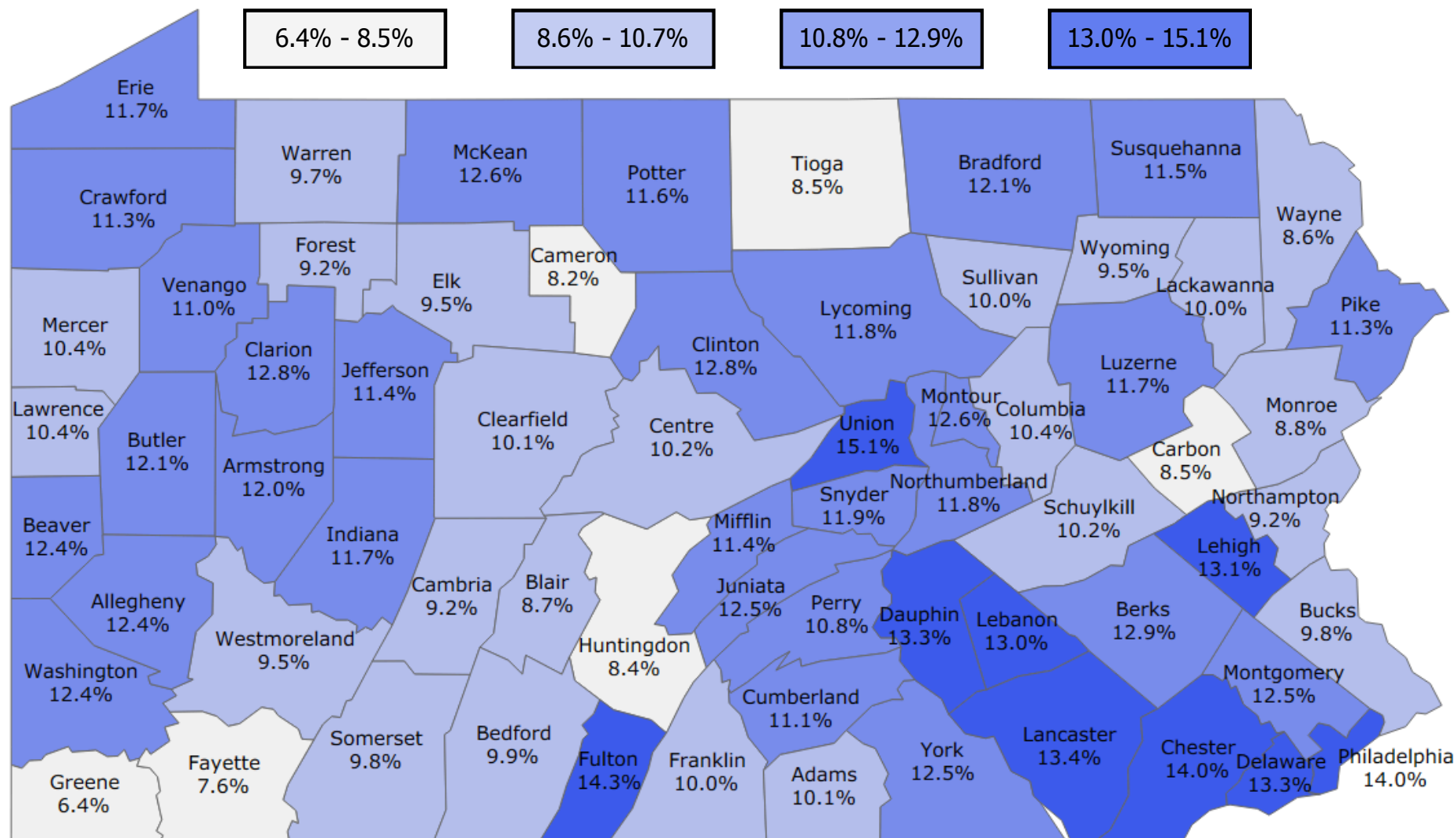
Directions:

Using the Student Fill-In Worksheet that accompanies this exercise, have students record for each slide two observations, one inference, and one question. Observations are anything students can see on the slide, remind them to look closely for details. Questions should lead students to discovery and seek to further their understanding of the data. Inferences are the hidden story that students have to figure out given the available information and what is already known.¹

1. Nina Hipps & Jacqueline Bruhn (2026) Using Slow Reveal Graphs to Build Data Literacy Skills and Increase Student Engagement, *Science Scope*, 49:1, 13-20, DOI: 10.1080/08872376.2025.2601361

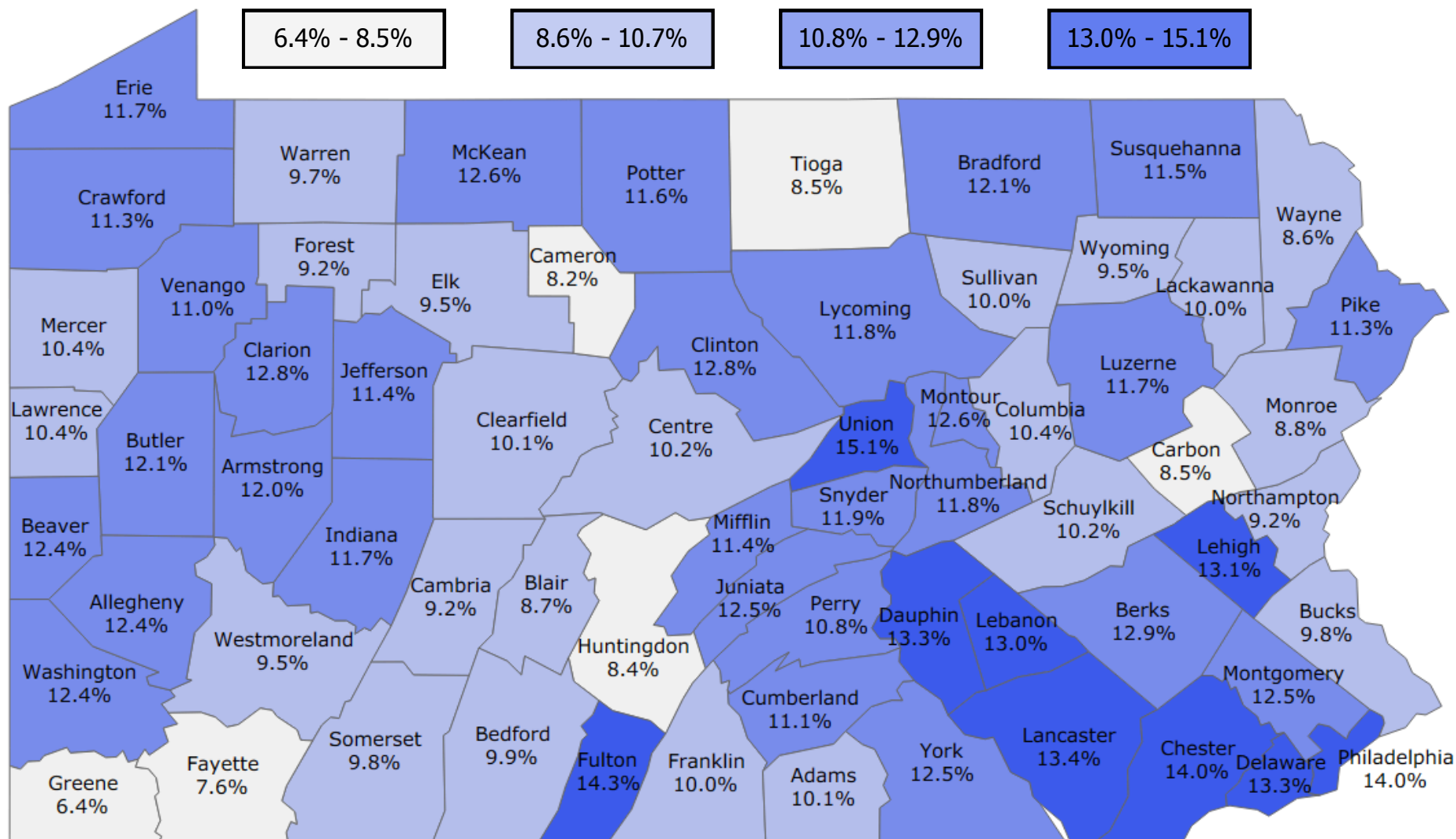






Percent of Resident Hospitalizations by County for Patients Less than 18 Years Old

October 1, 2025 - December 31, 2025



Note: Inpatient data includes hospital discharge cases for Pennsylvania residents from acute care, long-term acute care, rehabilitation, psychiatric, and specialty hospitals. Data for each county include all county residents regardless of the hospital location where they were admitted.

Create Your Own Data Literacy Activities Using PHC4 Data

This activity used data from PHC4's *County-Level Utilization Reports Q4 2025*. These reports, updated every quarter, separately show the overall total number of inpatient hospitalizations and ambulatory/outpatient cases for Pennsylvania residents. County-specific results are displayed by patient age, sex, and payer.

Access this report yourself at: <https://www.phc4.org/reports/county-level-health-care-reports/>

Or visit PHC4's Reports Library to access a comprehensive list of PHC4's transparent health care reporting at: <https://www.phc4.org/reports-library/>