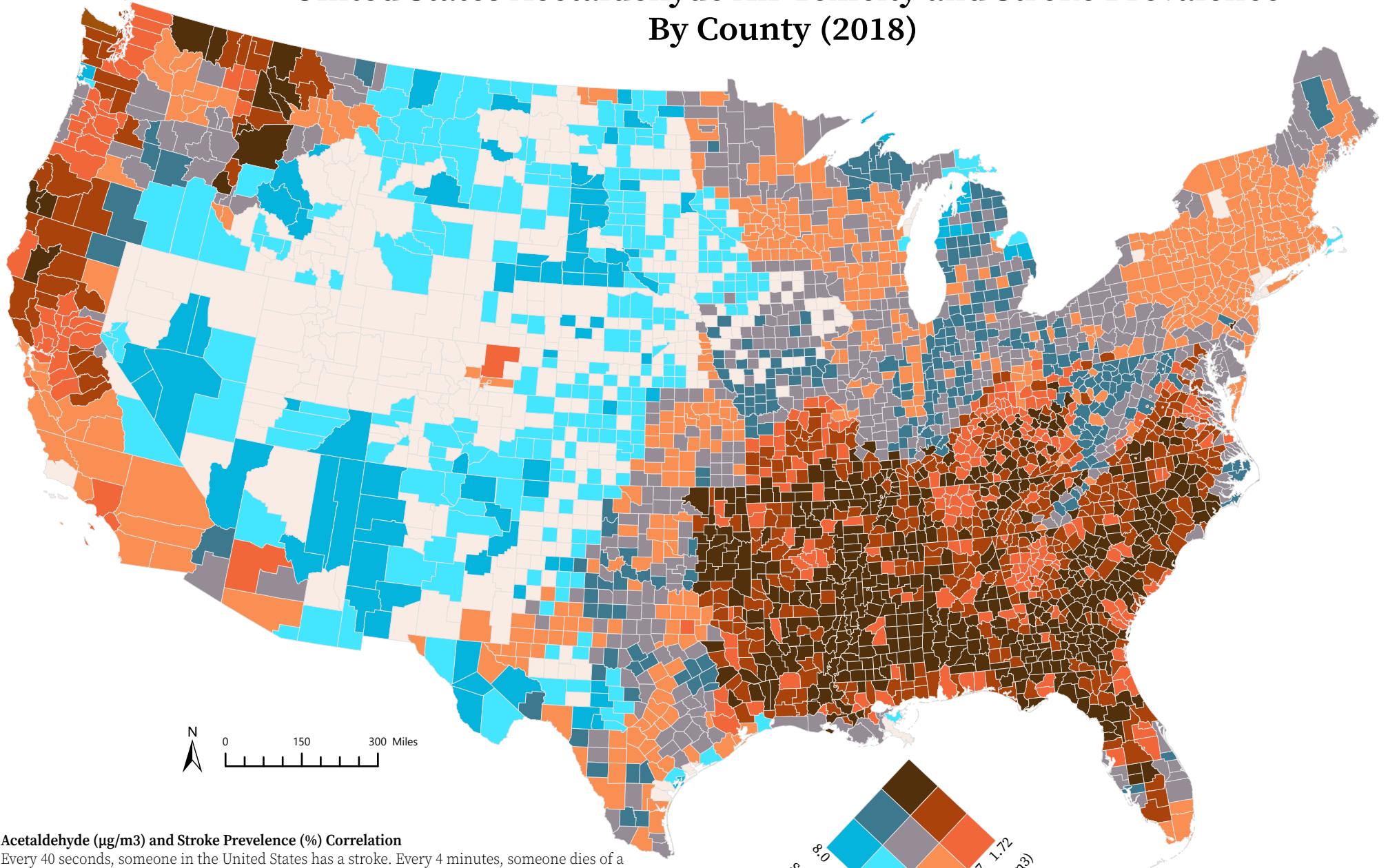


United States Acetaldehyde Air Toxicity and Stroke Prevalence By County (2018)



Acetaldehyde ($\mu\text{g}/\text{m}^3$) and Stroke Prevalence (%) Correlation

Every 40 seconds, someone in the United States has a stroke. Every 4 minutes, someone dies of a stroke. Stroke rates continue to rise in the United States with one correlation being due to an increase in air pollution. Air pollution works as a disrupter to the cardiovascular system, inhibiting proper blood flow and narrowing of blood vessels. One of these particular pollutants is acetaldehyde, a chemical compound that is produced at a large scale in industrial practices. Acetaldehyde exposure, in prolonged amounts, can lead to devastating outcomes such as stroke. Sources: Centers for Disease Control, Environmental Protection Agency

