

Stroke in Mississippi

What is a Stroke?

Stroke results from blockage of a blood vessel in the neck or brain, causing the brain tissue to be starved of oxygen, or from a blood vessel bursting in the brain.

What are the risk factors of stroke that can be changed?

Risk factors are conditions or behaviors that increase the likelihood of developing a disease. Everyone can take steps to lower the risk of stroke. The major risk factors for stroke include:

- high blood pressure
- heart disease
- previous heart attack or mini-stroke
- cigarette smoking
- obesity
- physical inactivity
- high cholesterol
- poor diet
- diabetes

*Some risk factors are not controllable, such as age, gender, race/ethnicity, and family history.

What is the stroke mortality in MS?

- In 2007, Mississippi's age-adjusted stroke mortality rate was 51.1 compared to 57.9 per 100,000 population in 2005.¹
- In 2005, the U.S. age-adjusted stroke mortality rate was 46.6 compared to 62.6 per 100,000 population in 1996.²
- Mississippi's age-adjusted stroke mortality rate was 19% higher than the rate for the United States in 2005.²

¹ Mississippi Vital Statistics, 2007

² CDC Wonder, 2005

- According to the 2007 Mississippi Vital Statistics, 1,531 Mississippians died from stroke. This included 957 deaths among whites and 569 deaths among blacks; 634 deaths among men and 897 deaths among women.¹

What is the percentage of Mississippi adults who had a history of Stroke?

- In 2008, 4.0% of Mississippi adults had a history of stroke. Overall, in the U.S., 2.6% of people had a history of stroke. Mississippi's rate is 54% higher than the U.S. rate.³
- Estimates using the 2008 Mississippi Behavioral Risk Factor Surveillance System showed 23,391 white male adults and 9,707 black male adults; 26,044 white female adults and 22,001 black female adults in Mississippi have had a stroke at some time in their life.³

What is the economic cost of stroke?

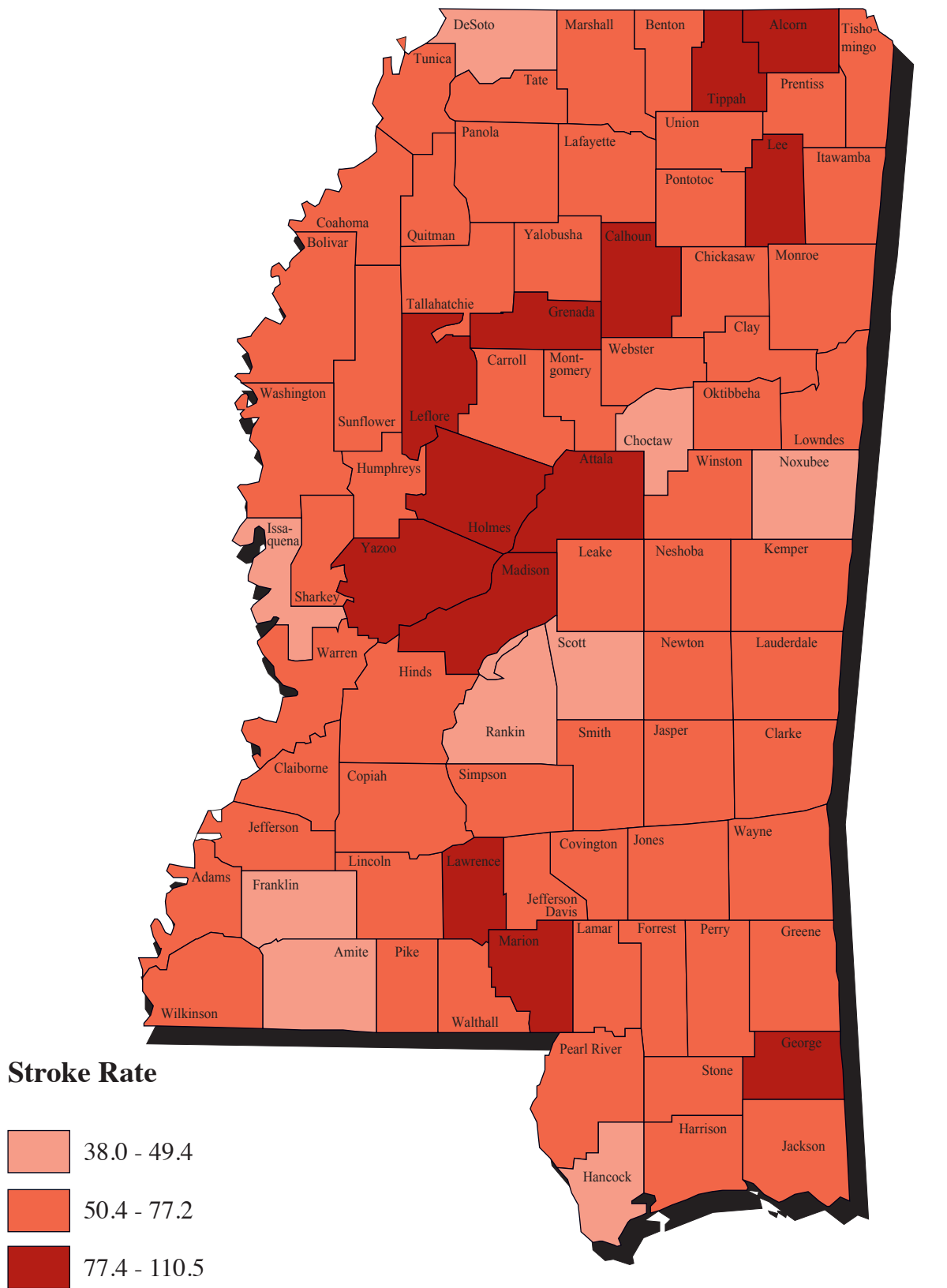
In 2009, the American Heart Association estimated that 68.9 billion dollars will be spent on stroke-related medical costs in the United States.⁴

For more information about Stroke please contact the Mississippi State Department of Health, Office of Preventive Health at 601-576-7781.

³ Mississippi Behavioral Risk Factor Surveillance System, 2008

⁴ Heart Disease and Stroke Statistics 2009 Update At-A-Glance

Age-Adjusted Stroke Mortality Rate, Mississippi 1998-2007*



Source: Mississippi Vital Statistics

*Rate per 100,000 population adjusted to the 2000 standard US population