



Kentucky Heart Disease and Stroke Prevention Program

# IMPACT OF STROKE



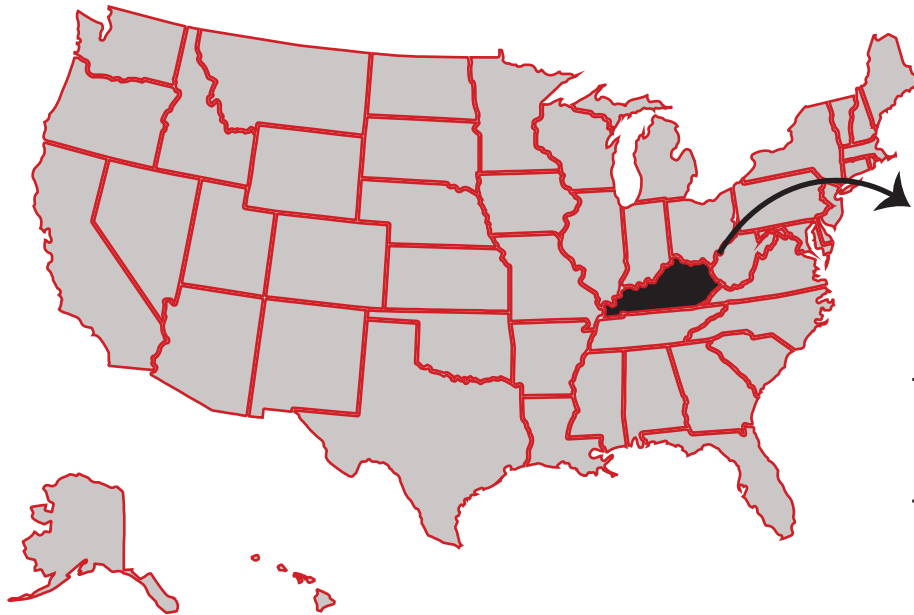
**Kentucky Public Health**  
Prevent. Promote. Protect.

Heart Disease & Stroke Prevention  
**TASK FORCE**

KENTUCKY

## IN KENTUCKY

### ACROSS THE NATION



## 5th

Kentucky had the fifth highest mortality rate for stroke in the United States in 2019.<sup>1</sup>

### DEATHS FROM STROKE

Stroke was the 6th highest cause of death in Kentucky, resulting in 2,328 stroke deaths in 2020.<sup>2</sup>

### HEALTH INEQUITY

African Americans or Blacks continued to have a higher mortality rate than whites in Kentucky.<sup>1</sup>

### PREVALENCE

4.7% of Kentuckians reported they had experienced a stroke at some time in their life.<sup>3</sup>

# STROKE IN KENTUCKY

## PREVENTABLE DEATHS

40%

of Kentuckians reported they had hypertension, the number one risk factor for stroke.<sup>3</sup>

## IMPROVING THE DEATH RATE<sup>4</sup>

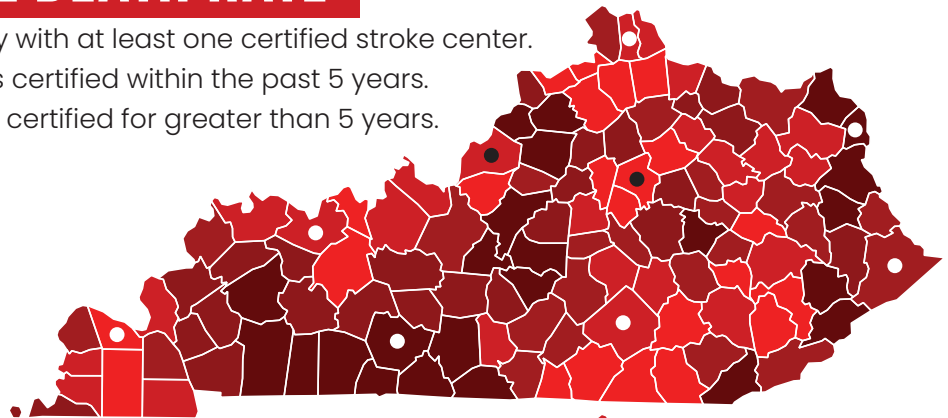
Each dot represents a county with at least one certified stroke center.

White dots are stroke centers certified within the past 5 years.

Black dots are stroke centers certified for greater than 5 years.

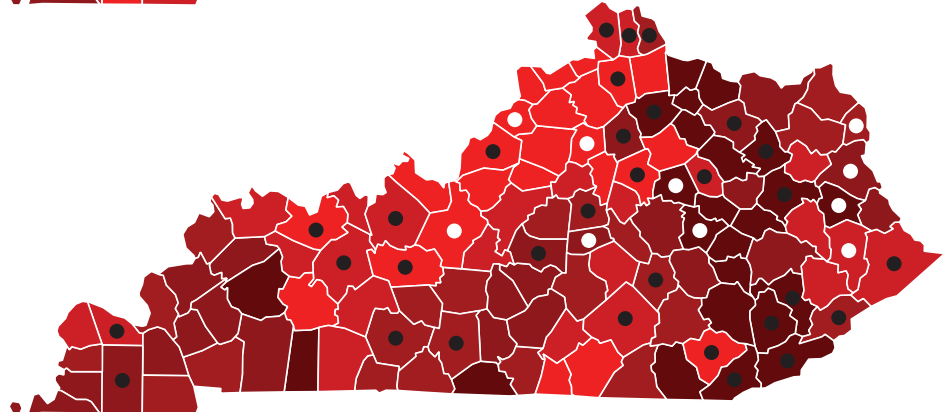
### 2006–2008 Rate Per 100,000

50.8 – 87.9
88.0 – 95.4
95.5 – 103.0
103.1 – 110.1
110.2 – 147.0



### 2017–2019 Rate Per 100,000

30.3 – 38.4
38.5 – 41.6
41.7 – 45.5
45.6 – 51.1
51.2 – 64.6



## KENTUCKY HEALTH CARE COSTS

In 2021, the total charges for inpatient hospital stay for stroke\* and transient ischemic attack\* collectively, was more than \$894 million.<sup>5</sup>

Sources and notes:

1. CDC NCHS. Stats of the States. Stroke Mortality by State [https://www.cdc.gov/nchs/pressroom/sosmap/stroke\\_mortality/stroke.htm](https://www.cdc.gov/nchs/pressroom/sosmap/stroke_mortality/stroke.htm). Accessed September 2021.

2. CDC Wonder. <http://wonder.cdc.gov/>. Accessed February 2022.

3. Kentucky Behavioral Risk Factor Surveillance. Kentucky Cabinet for Health and Family Services. 2021 Crude Prevalence.

4. CDC Interactive Atlas of Heart Disease and Stroke. <https://nccd.cdc.gov/DHDSPAtlas/?state=State>. Accessed September 2021.

5. Kentucky Hospital Inpatient Claims: 2021; Kentucky Cabinet for Health and Family Services, Office of Health Policy. In 2021, inpatient hospital stays for stroke\* and transient ischemic attack\* resulted in total charges of \$894,435,004.63.

\* ICD-10 codes: I60-I609, I61-I619, I63-I639, G450-G452, G458-G459

Infographic prepared by the Kentucky Heart Disease and Stroke Prevention Program, 2022.