



IMPACT OF STROKE

IN KENTUCKY

ACROSS THE NATION



DEATHS FROM STROKE

Stroke was the 6th highest cause of death in Kentucky, resulting in 2,428 stroke deaths in 2021.²

HEALTH INEQUITY

The prevalence of stroke decreased with increasing education level. The highest prevalence was among adults with less than high school education (10.4%).³

PREVALENCE

4.9% of adult Kentuckians reported they had experienced a stroke at some time in their life.³

STROKE IN KENTUCKY

PREVENTABLE DEATHS

40%

of adult Kentuckians reported they had hypertension, the number one risk factor for stroke.³

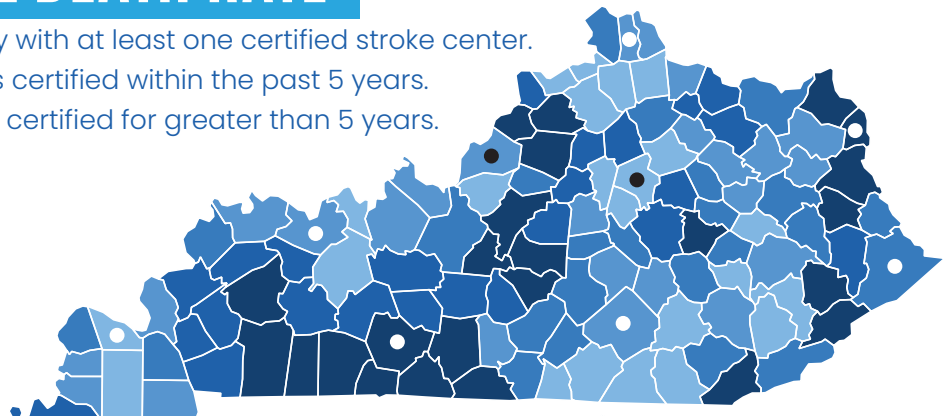
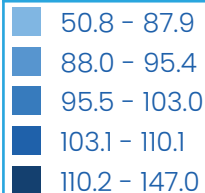
IMPROVING THE DEATH RATE⁴

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

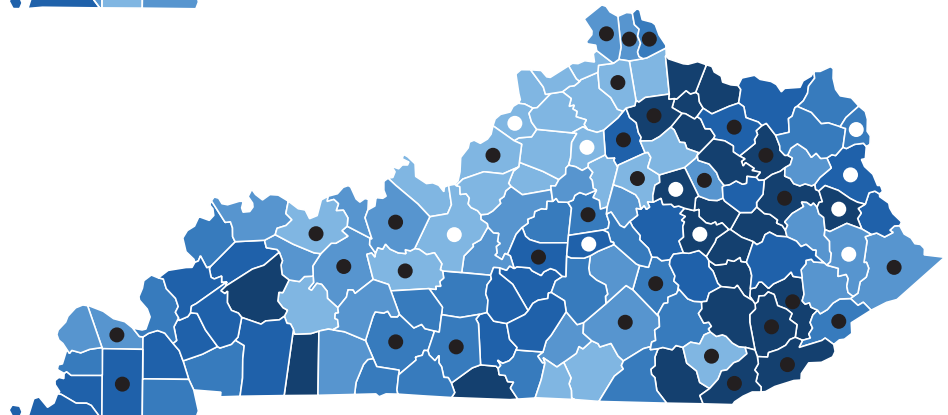
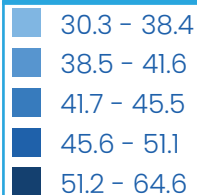
White dots are stroke centers certified within the past 5 years.

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

2006–2008 Rate Per 100,000



2017–2019 Rate Per 100,000



KENTUCKY HEALTH CARE COSTS

In 2021, the total charges for inpatient hospital stay for stroke* and transient ischemic attack (TIA)* collectively, was more than \$894 million.⁴

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 Accessed April 2023.

2. CDC Wonder. <http://wonder.cdc.gov/>. Accessed April 2023.

3. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Prevalence & Trends Data 2021. Accessed at <https://www.cdc.gov/brfss/brfssprevalence/> on Jun 2, 2023.

4. 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 \$894,435,005.

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

Infographic prepared by the Kentucky Heart Disease and Stroke Prevention Program, 2023.