



# 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.<sup>2</sup>

## HEALTH INEQUITY

The mortality rate of stroke did not significantly differ between Black and white adult Kentuckians.<sup>3</sup>

## PREVALENCE

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



# STROKE IN KENTUCKY

## PREVENTABLE DEATHS

**40.9%**

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

## SOCIAL DRIVERS OF HEALTH

- The prevalence of stroke decreased as annual household income increased. Adults with an annual household income under \$25,000 significantly reported a higher prevalence of stroke than those with an annual household income of \$50,000 or more (9.6% vs 2.4%).<sup>3</sup>
- The prevalence of stroke decreased with increasing education level. The highest prevalence was among adults with less than high school education (10.4%).<sup>3</sup>
- The prevalence of stroke did not significantly differ by race.<sup>3</sup>

## 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.<sup>4</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 April 2023.

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

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

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.