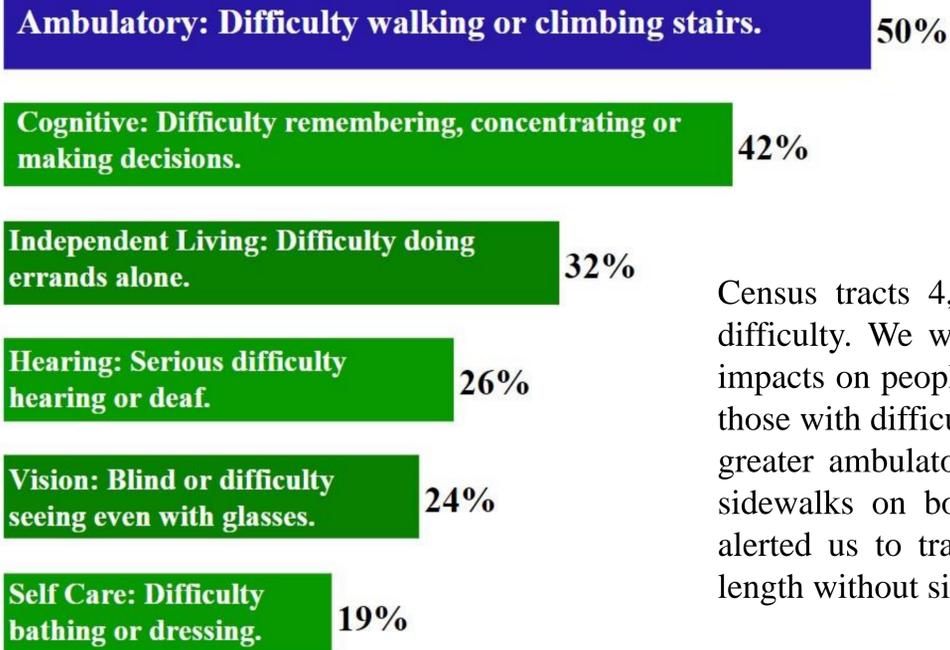


Difficulty and the Walkability Landscape of Lexington, KY



What difficulties are prevalent in Lexington?



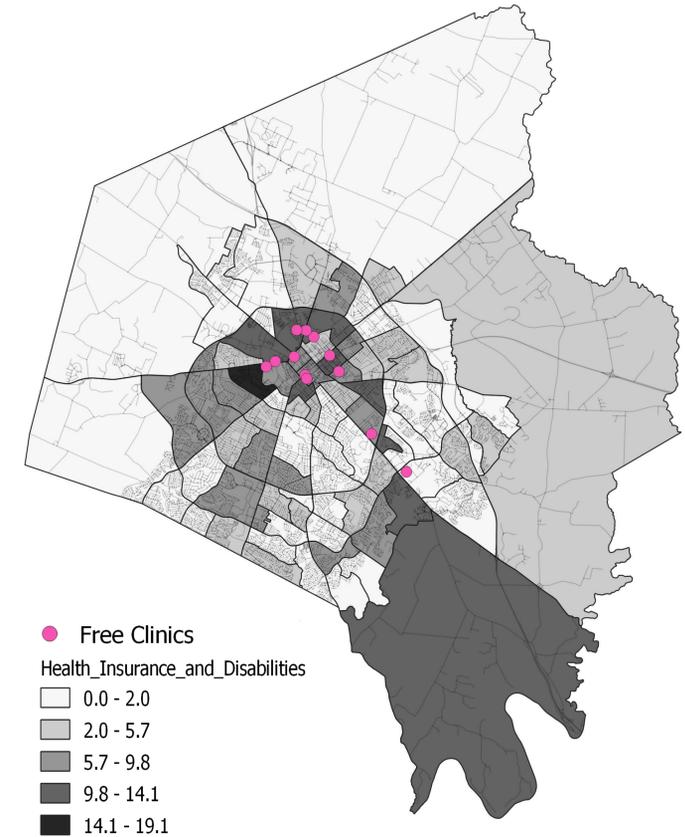
An estimate of 12% of people in Lexington identify that they have difficulty by the definition from the American Community Survey. This is more inclusive than the definition of disability, as one doesn't have to have a physical disability to experience difficulty.

Census tracts 4, 14, and 31.01 had high percentages of overall difficulty. We wanted to look into the physical landscape and its impacts on people with ambulatory difficulty, which affects 50% of those with difficulty. We also explored census tracts that had 10% or greater ambulatory difficulty and mapped roads with and without sidewalks on both sides of the street. The resulting map below alerted us to tract 14, which had the highest percentage of road length without sidewalks at 39.7% (excluding New Circle Road).

Sidewalk Availability in North Lexington for Census Tracts with Walking Difficulty

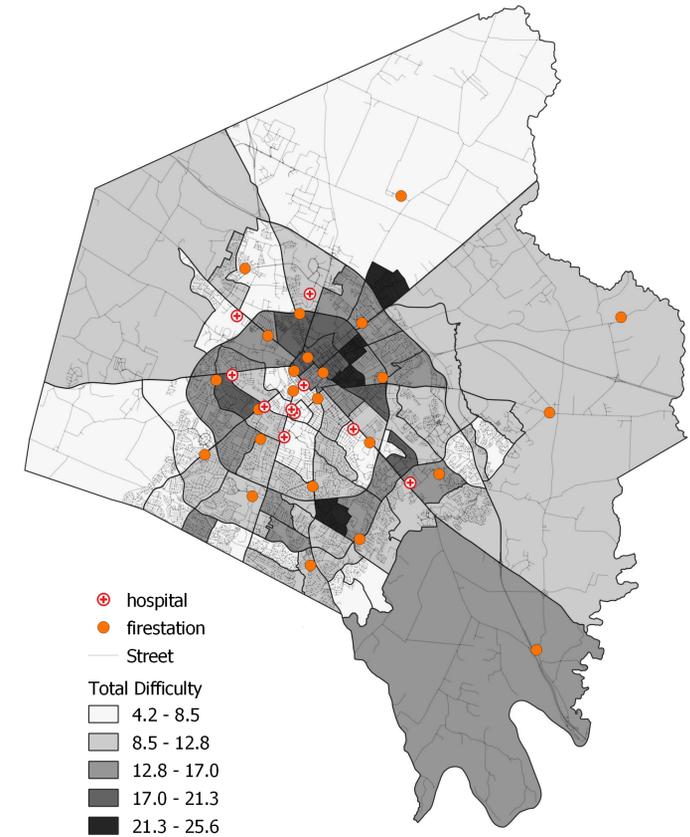


Difficulty and Lack of Health Insurance



Above: Percentage of the number of people identifying as having a difficulty without health insurance per census tract. Data collected from the American Community Survey 2017, 5 year estimate. Overlay includes point data of Free Clinic Locations in Lexington.

Difficulty in Lexington



Above: Percentage of the estimate of people identifying as having a difficulty per census tract. Data collected from the American Community Survey 2017, 5 year estimate. Hospital and fire station locations are from LFUCG data portal