dhec

Healthy People. Healthy Communities.

Social Determinants of Health in South Carolina

Joshua Sellner, PhD, MSPH

Social Determinants of Health

"Social determinants of health (SDOH) are the nonmedical factors that influence health outcomes. They are the conditions in which people are born, grow, work, live, and age, and the wider set of forces and systems shaping the conditions of daily life."

The conditions in the environments where people are born, live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life outcomes and risks.

1. https://www.cdc.gov/about/sdoh/index.html#:~:text=Social%20determinants%20of%20health%20(SDOH,the%20conditions%20of%20daily%20life.

Social Determinants of Health

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Healthy People 2030

Healthy People 2030, U.S. Department of Health and Human Services, Office of Disease Prevention and Health Promotion. Retrieved 4/5/2024, from https://health.gov/healthypeople/objectives-and-data/social-determinants-health

Economic Stability

Goal: Help people earn steady incomes that allow them to meet their health needs.

Focus:

- Employment
- Food Security
- Housing Instability
- Poverty

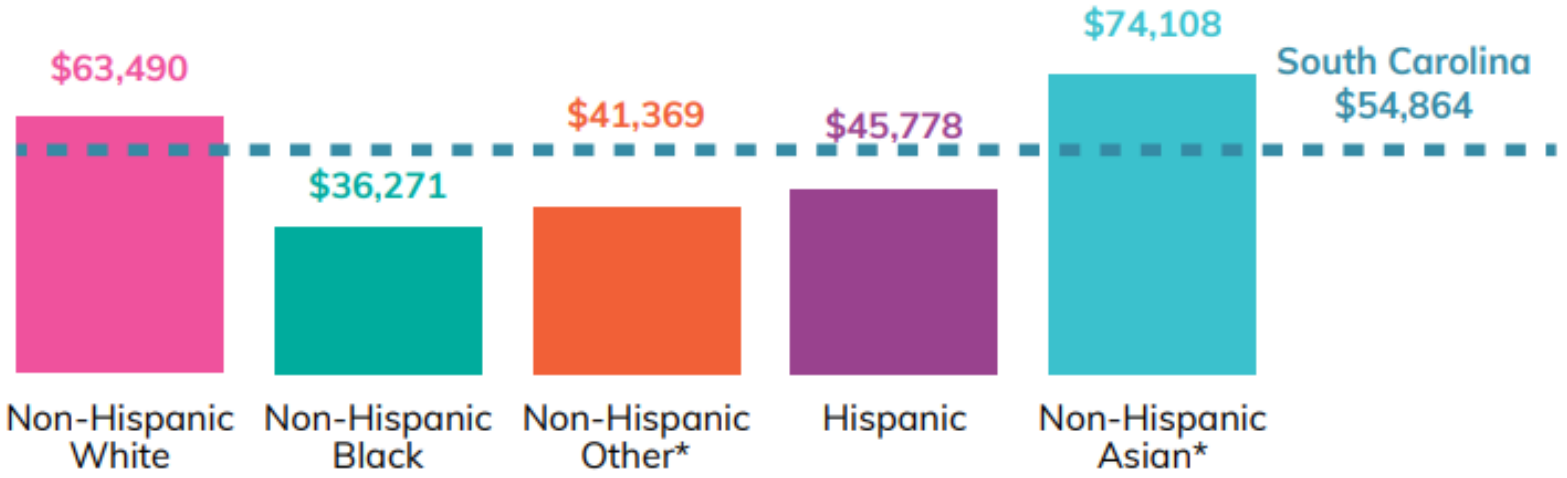
Economic Stability

Median Household Income, by Race and Ethnicity

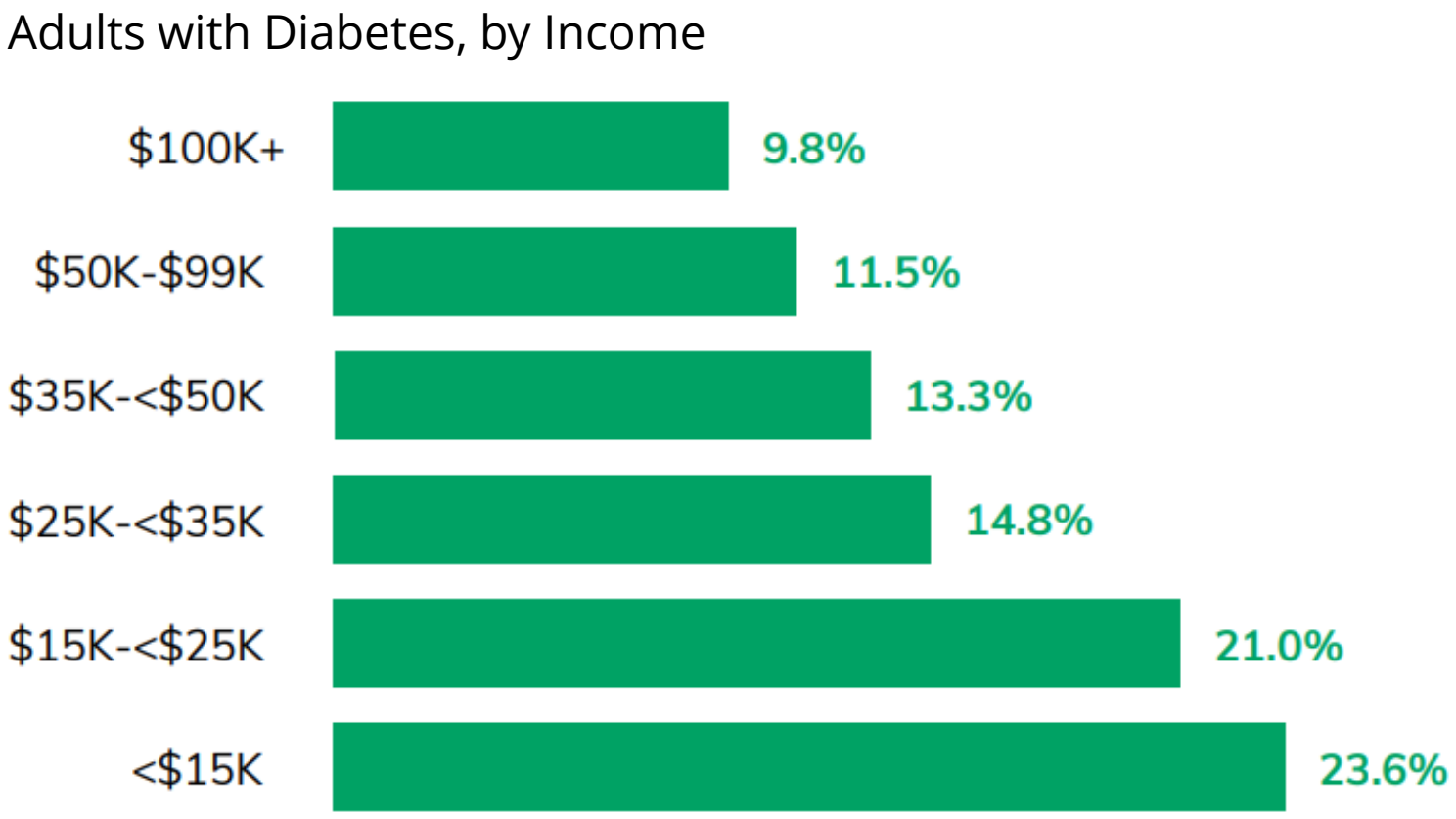
Dollars

Source: US Census ACS, 2016-2020.

Note: 5 year estimates. Median income is for past month. *Estimated with high margin of error.



Economic Stability



Sources: SC DHEC BRFSS, 2021. Notes: Age-adjusted

Education Access and Quality

Goal: Increase educational opportunities and help children and adolescents do well in school.

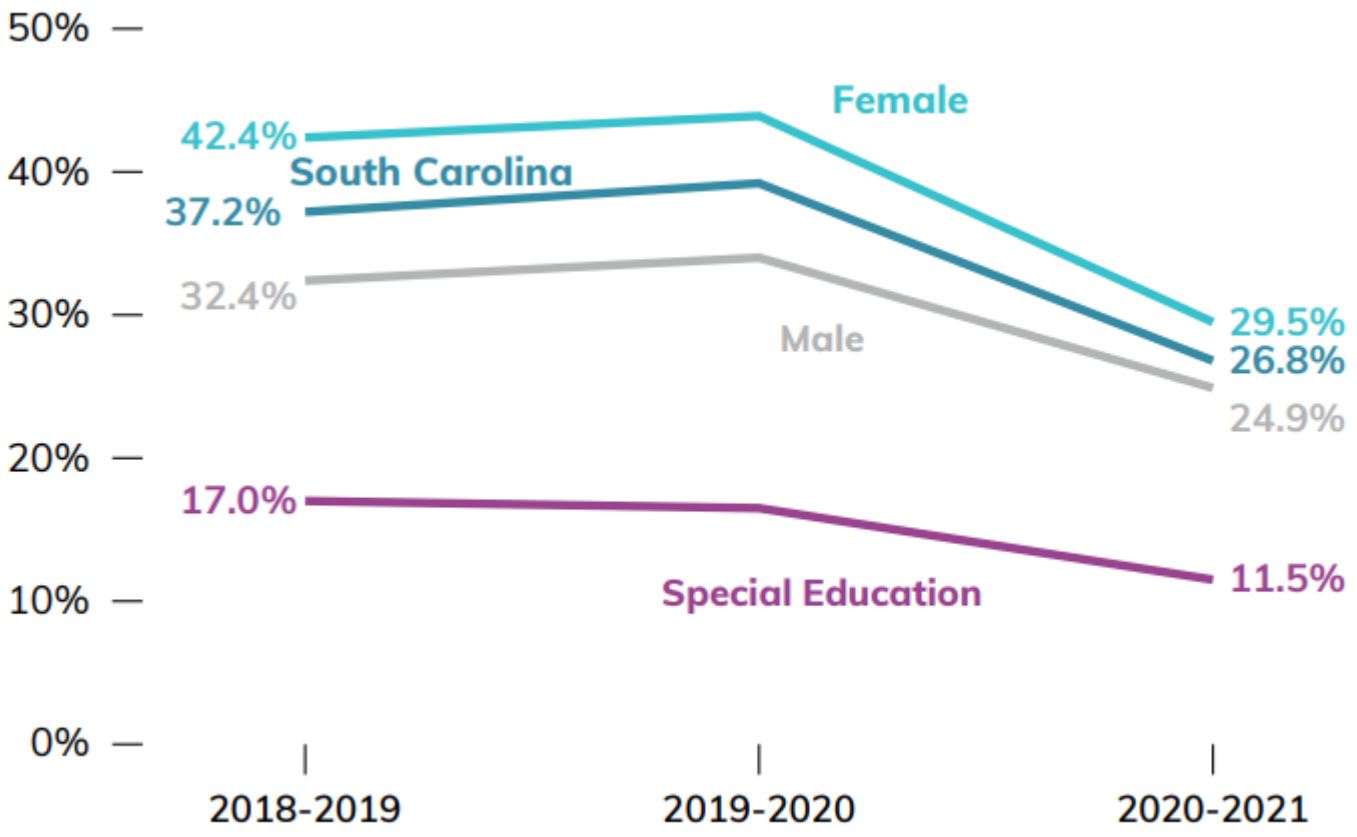
Focus:

- Early Childhood Development and Education
- Enrollment in Higher Education
- Housing Instability
- Poverty

Education Access and Quality

Students Demonstrating Readiness, Overall and by Selected Characteristics

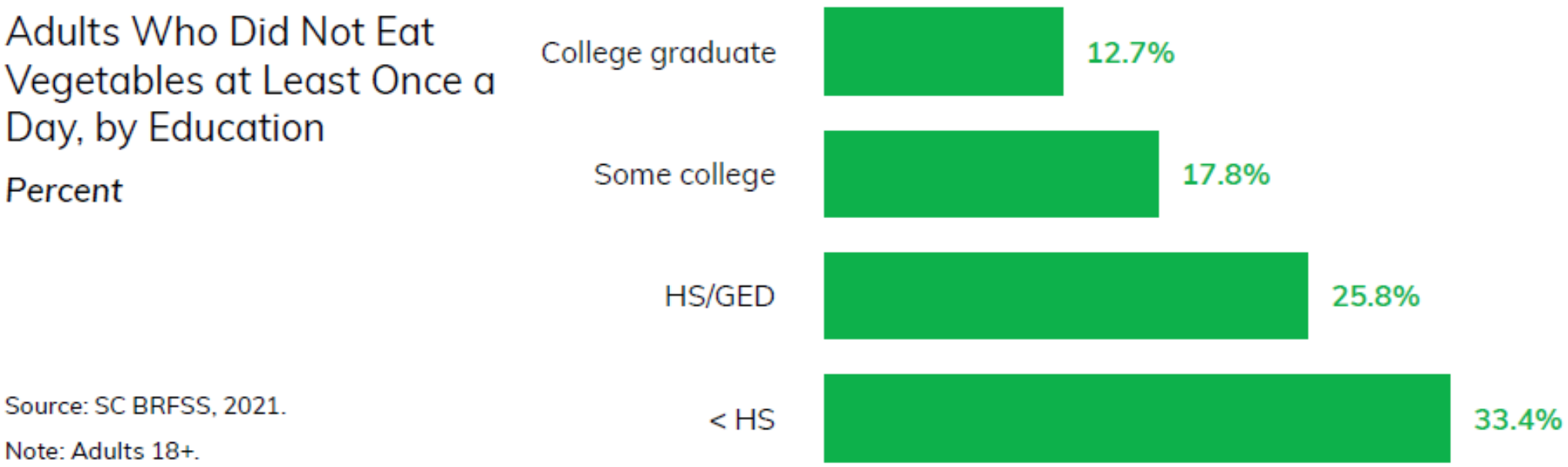
Percent



Source: SC Department of Education, Kindergarten Readiness Assessment (KRA).

Special education means specially designed instruction to meet the unique needs of a child with a disability.

Education Access and Quality



Source: SC BRFSS, 2021.

Note: Adults 18+.

Health Care Access and Quality

Goal: Increase access to comprehensive, high-quality health care services.

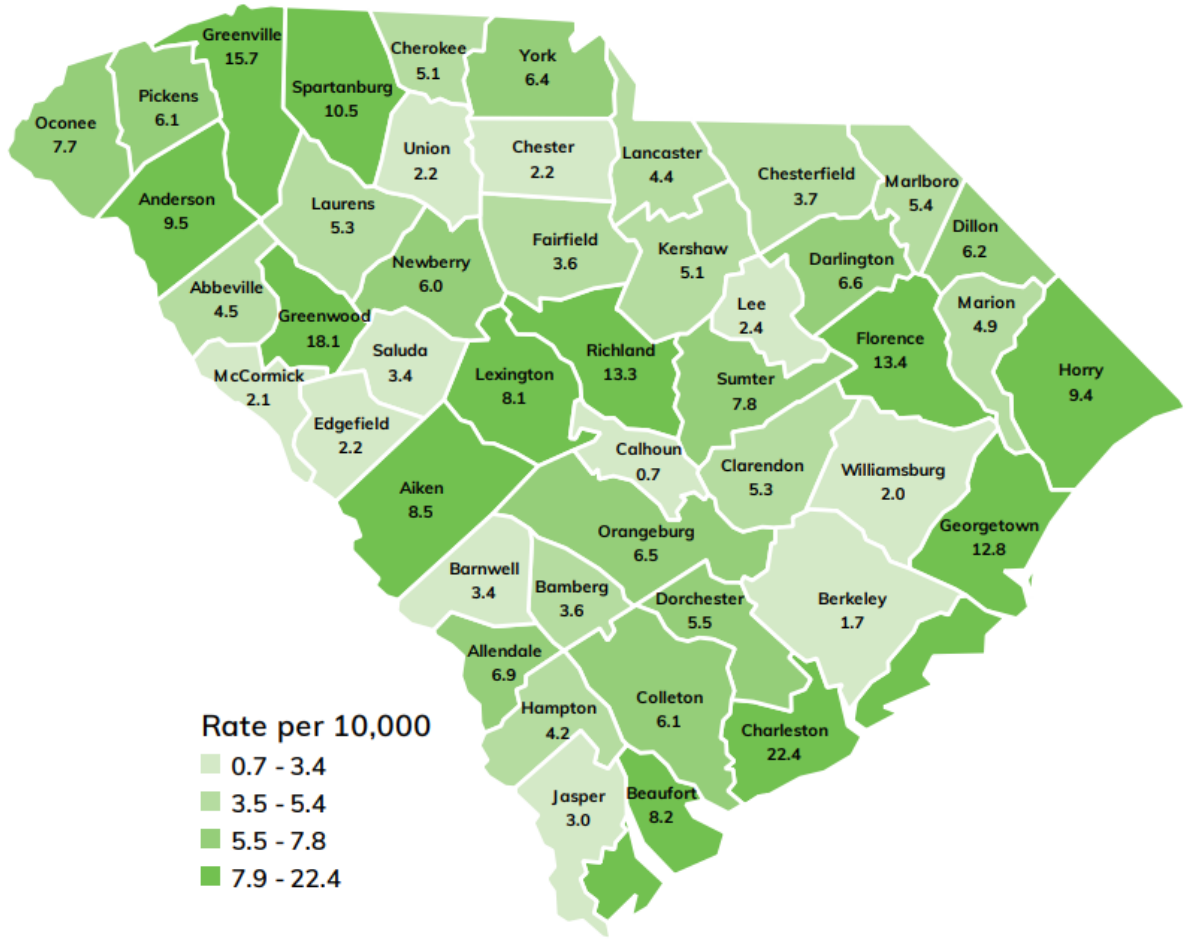
Focus:

- Access to Health Services
- Access to Primary Care
- Health Literacy

Health Care Access and Quality

Primary Care Physicians, by County

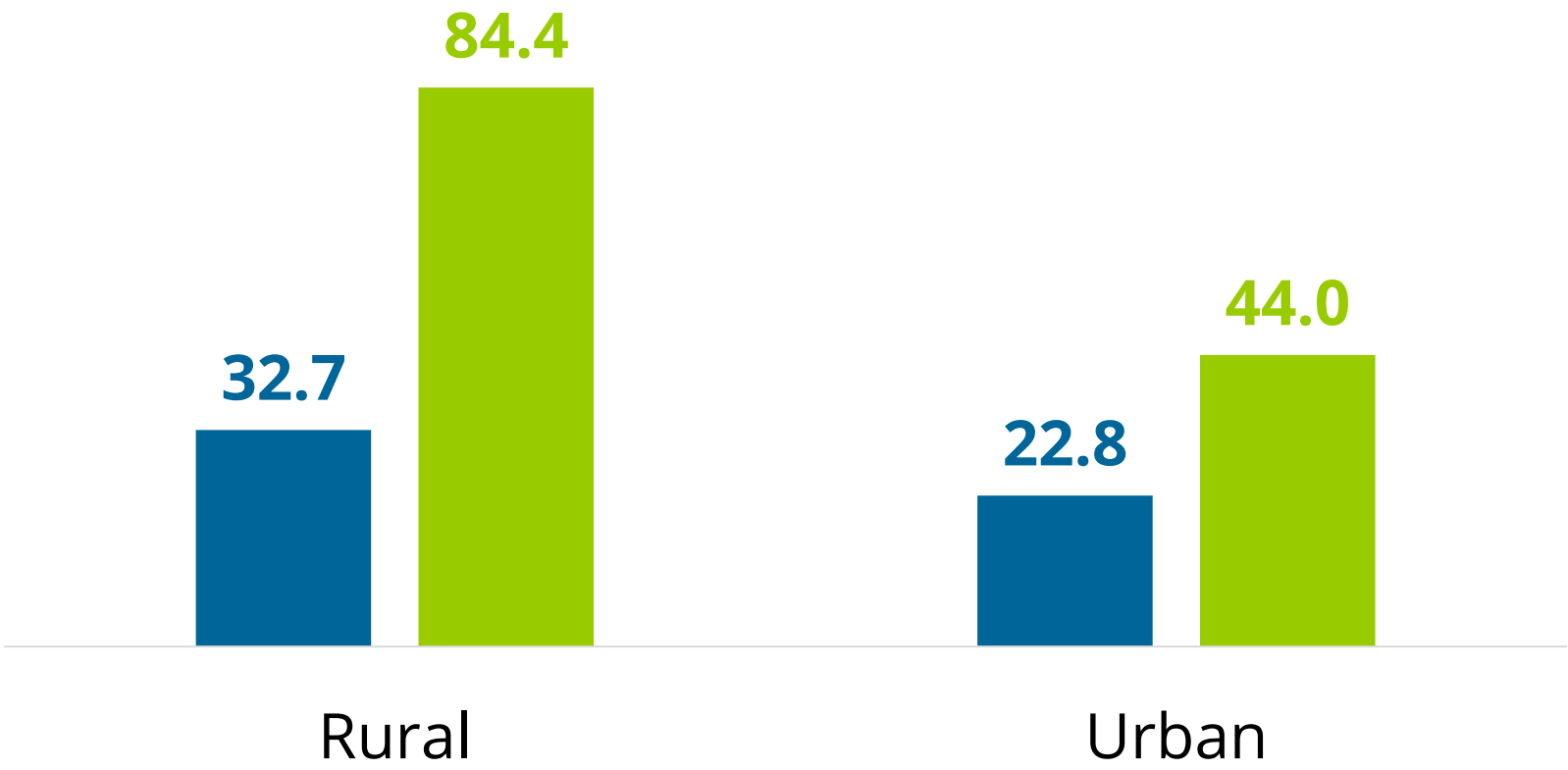
Rate per 10,000 population



Source: SC Office of Health care Workforce Health Professionals Data Book, 2021.

Pregnancy-Related Mortality Rate

Children Living in Supportive Neighborhoods



Rate per 100,000 live births; 2018-2020; Source: SC MMMRC

Neighborhood and Build Environment

Goal: Create neighborhoods and environments that promote health and safety.

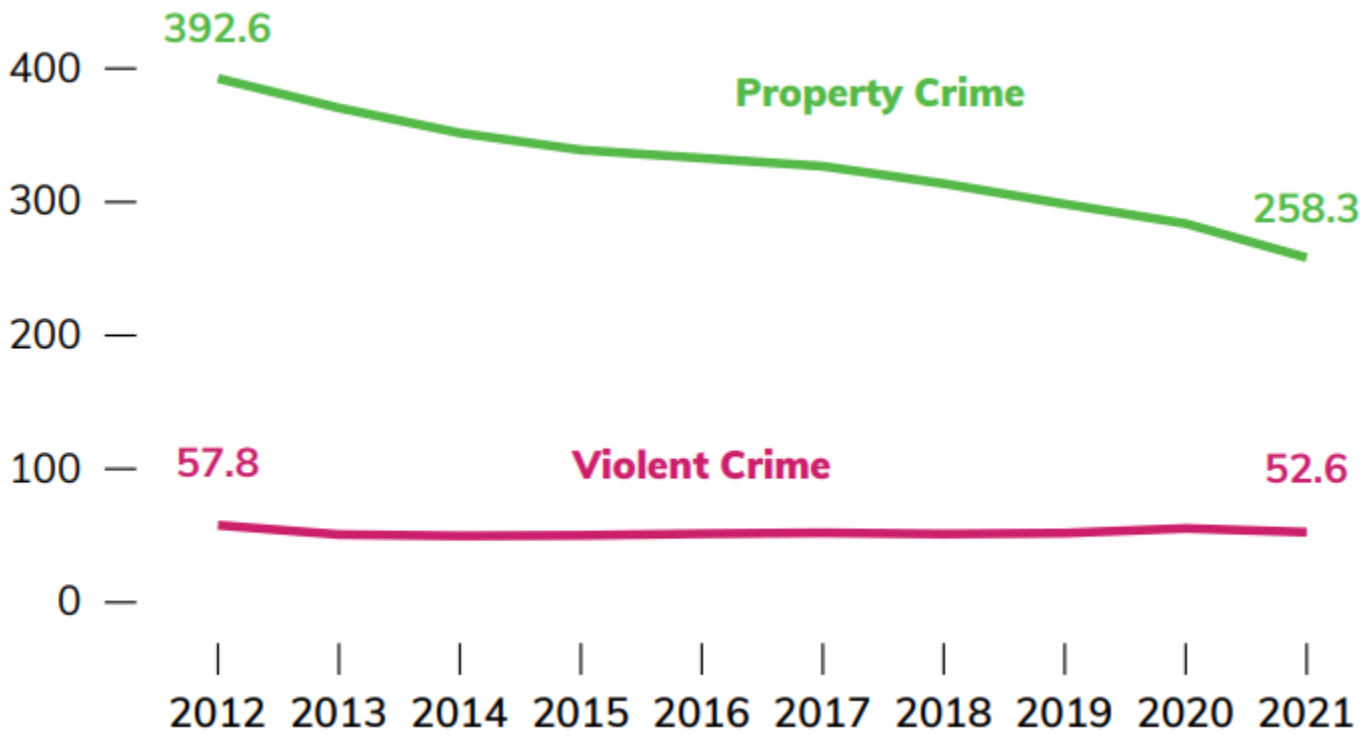
Focus:

- Crime and Violence
- Environmental Conditions
- Quality of Housing
- Access to Foods that Support Healthy Dietary Patterns

Neighborhood and Build Environment

Crime in South Carolina

Rate per 10,000 population



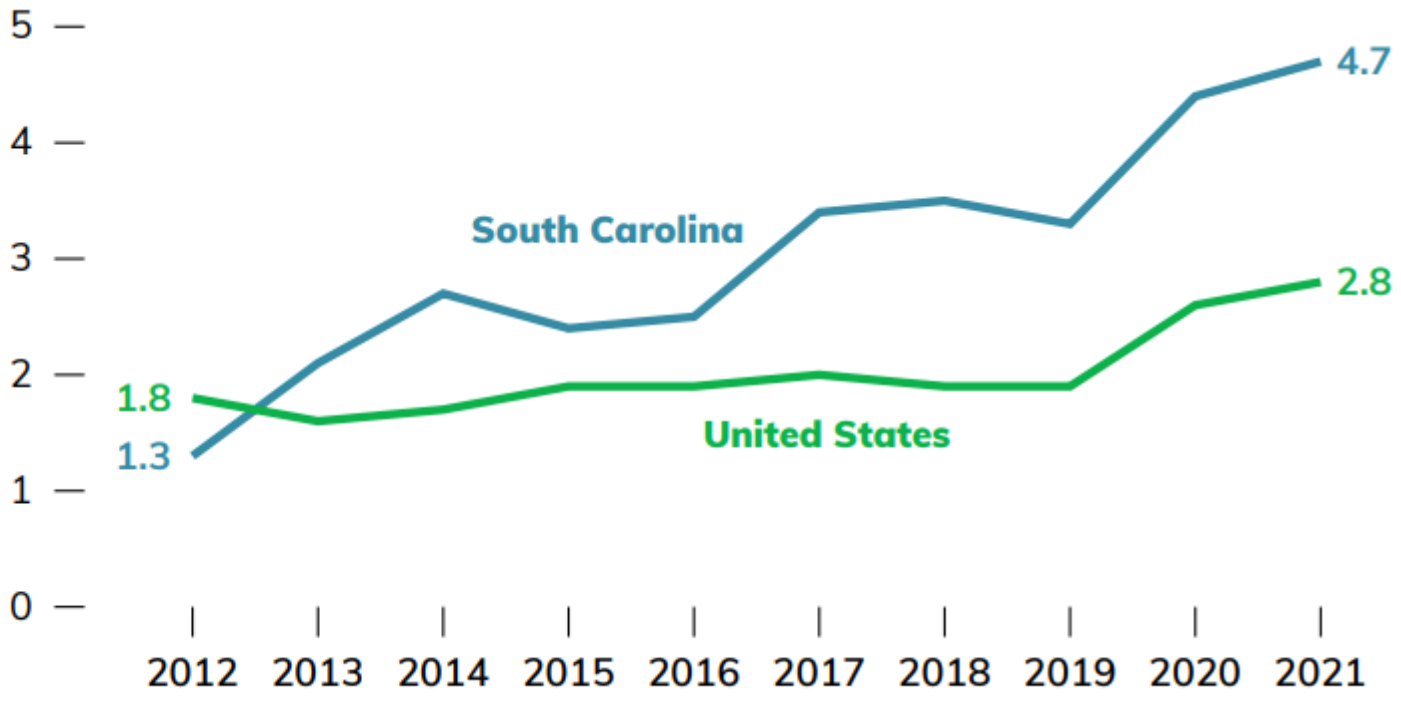
Source: SC SLED, Crime in South Carolina Book, 2021.

Note: Property crime includes breaking and entering, motor vehicle theft, larceny, and arson. Violent crime includes murder, sexual battery, robbery, and aggravated assault.

Neighborhood and Build Environment

Homicide in Children Aged 1-17

Rate per 100,000 population



Source: SC DHEC Vital Statistics.; US data from CDC NCHS.

Note: Population for year 2021 based on single-race estimates and for years prior based on bridge-race estimates.

Social and Community Context

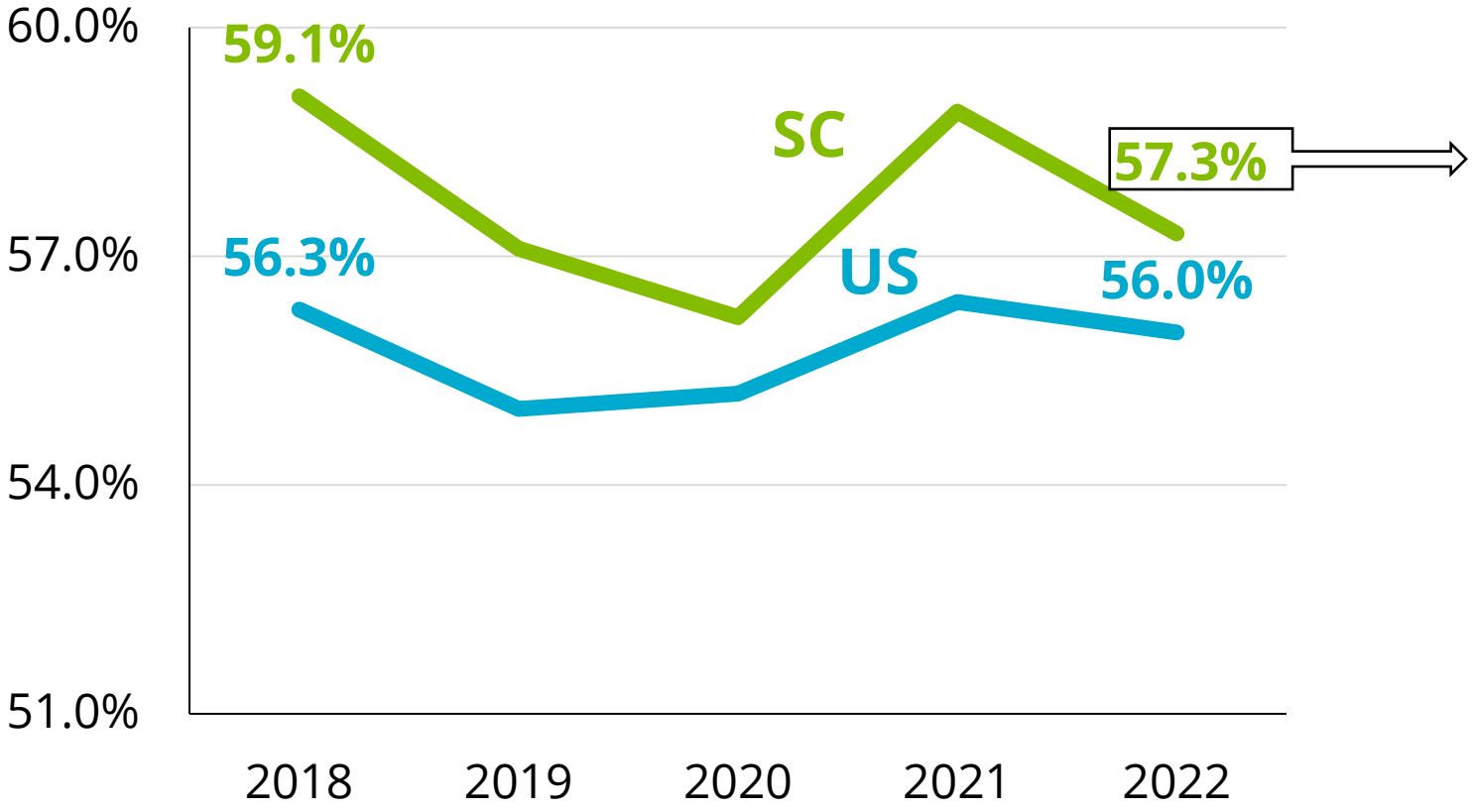
Goal: Increase social and community support.

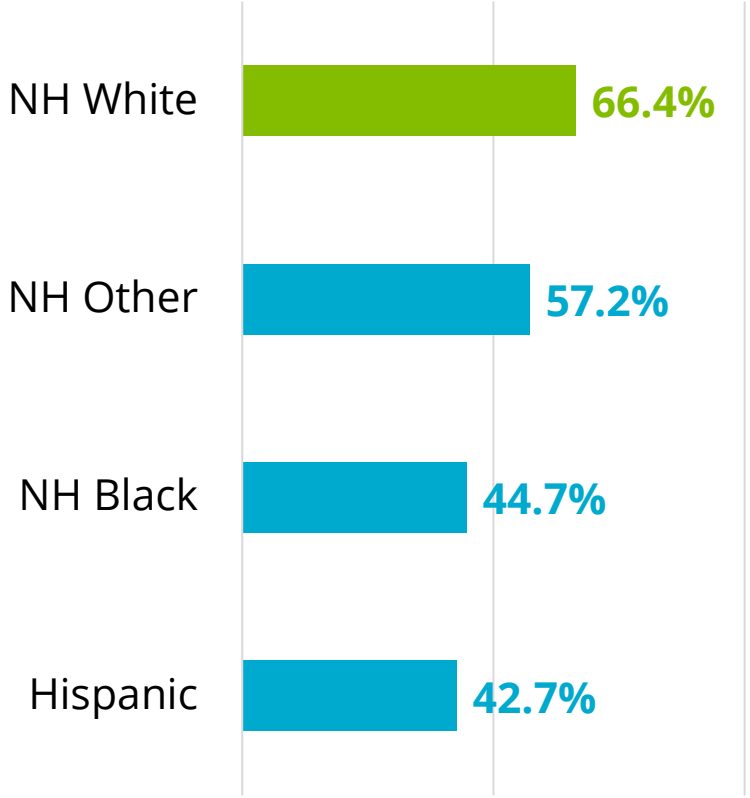
Focus:

- Civic Participation
- Discrimination
- Incarceration
- Social Cohesion

Social and Community Context

Children Living in Supportive Neighborhoods





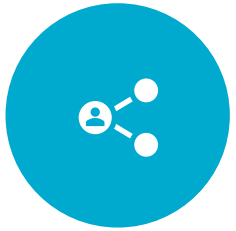
Source: National Survey of Children's Health; 2018- 2022 using 2-year estimates

Summary

- SDOH can account for between 30-55% of health outcomes.
- SDOH contribute to health disparities.
- Focus on Upstream Factors and partnerships

Data Walks

What is a data walk?



INTERACTIVE DATA SHARING EXPERIENCE BETWEEN COMMUNITY LEADERS, OR IN THIS CASE STUDENTS, AND DATA EXPERTS

EXPERIENCE PROVIDES TOOLS TO EMPOWER AUDIENCE TO MAKE DATA-DRIVEN DECISIONS FOR THE BETTERMENT OF THE PUBLIC'S HEALTH

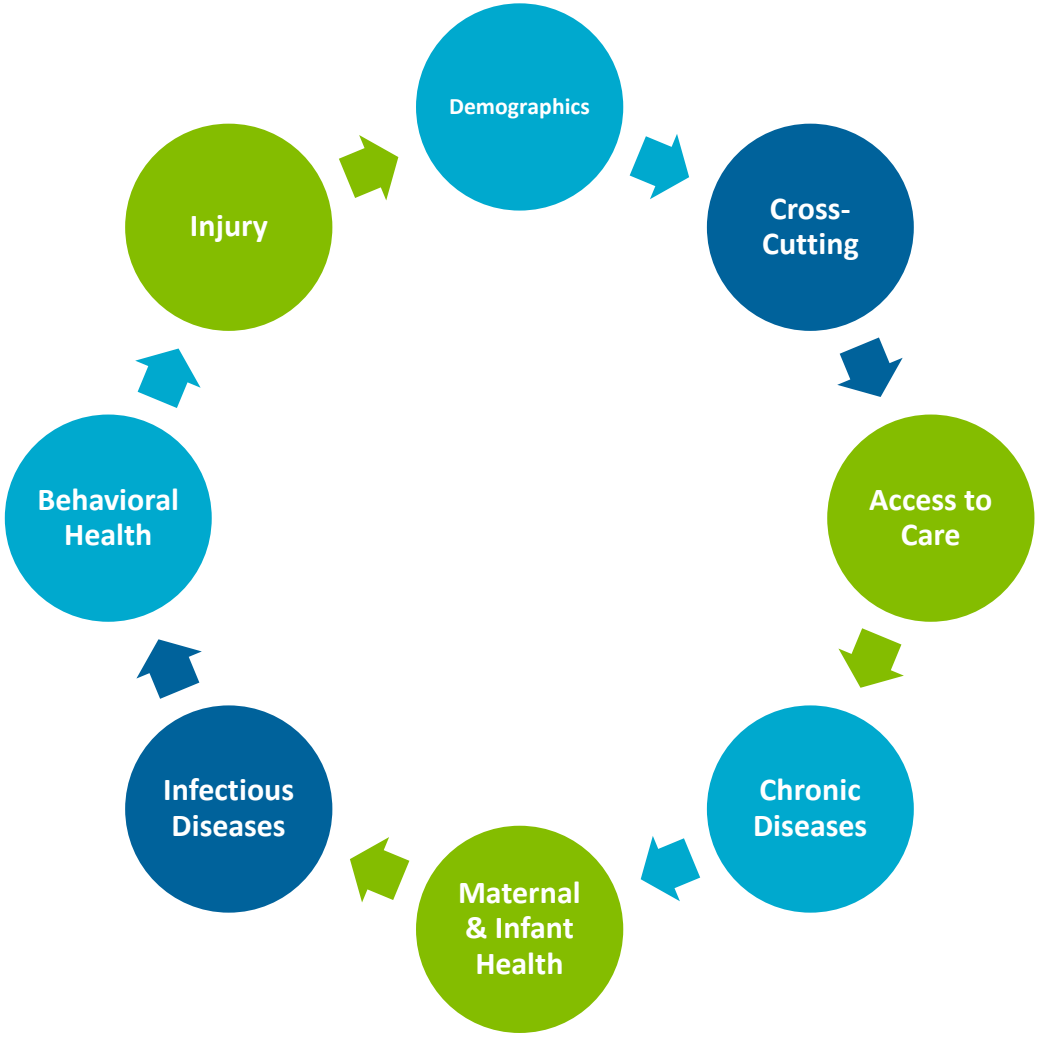
THE DATA WALK DIVIDES THE AUDIENCE INTO SMALL GROUPS WHERE THEY ROTATE AROUND DATA STATIONS, SPENDING TIME WITH THE DATA EXPERT

AFTER A FACILITATED DISCUSSION, THE AUDIENCE VOTES ON WHAT SHOULD BE THE LEADING HEALTH PRIORITY AREAS FOR THE NEXT 3-5 YEARS

Who Attends a Data Walk?

- Education Sector
- Government Officials
- Business Leaders
- Law Enforcement
- Healthcare Workers
- Nonprofit Employees
- Faith-based Leaders
- Housing Authority
- STUDENTS!

Data Walk Structure



Contact Us

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