Expanding the Lens of Health Equity

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Office of Health Equity

The Office of Health Equity is committed to ensuring all Virginians have fair and quality health care in every corner of the state.

3 Divisions

Multicultural Health and Community Engagement
Social Epidemiology
Primary Care & Rural Health





Virginia State Office of Rural Health (VA-SORH)

Mission:

To address and rectify health disparities affecting the rural residents of the Commonwealth of Virginia

The VA-SORH is dedicated to:

- Fostering collaboration and leveraging resources across and within various levels of government, communities, and non-profit organizations
- Collecting and disseminating information to stakeholders
- Providing technical assistance
- Assisting the coordination of rural health interests statewide
- Recruitment and retention of health professionals in rural and medically underserved areas





Virginia State Office of Rural Health

VA-SORH Innovative Rural Programming Awards

- Healthy Moms & Babies
- Food Access & Nutrition
- Workforce Development
- Behavioral Health
- Telehealth

Rural Healthcare Workforce Incentive Programs

- State Loan Repayment Program (SLRP)
 - Tobacco Region Revitalization Commission
- Behavioral Health Loan Repayment Program (BHLRP)
- Conrad 30 Waiver Program (J-1)
- Nursing Preceptor Incentive Program (NPIP)

VA-SORH Partnerships & Collaborations

- Virginia Rural COVID-19 Response & Relief Program
 - o (COVID-19 Rural Health Disparities Grant)
- Conference Sponsorships
 - Virginia Association of Free & Charitable Clinics
 - United Way of Southwest Virginia- Rural Resliancy Summit
- Development of the Statewide Telehealth Pan

Rural Hospital Programs

- Small Rural Hospital Improvement Grant Program (SHIP)
- SHIP COVID-19 Testing & Mitigation
- Medicare Rural Hospital Flexibility Program (FLEX)





Virginia State Office of Rural Health

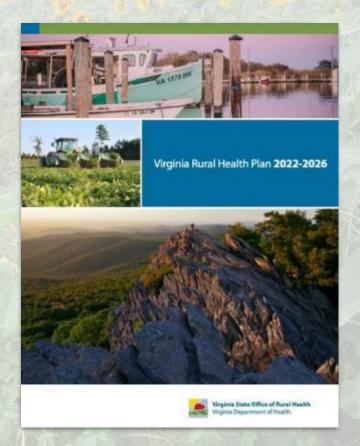
Supports the work of the Virginia Primary Care Office

- The PCO assures the availability of quality health care to low income, uninsured, isolated, vulnerable and special needs populations and to meet these populations' unique health care needs.
 - HPSAs
 - MUA/MUPS
 - Provides incentives for providers to work in shortage areas





Virginia State Rural Health Plan 2022-2026



Question: What is most important to a rural community?

Goals:

- Community-informed lens
- Asset-based approach
- Define rurality
- Identify priority VA-SORH metrics



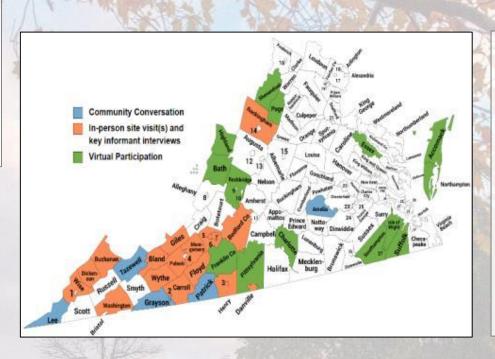


Outreach-Community Informed Lens

Where to go?



- RWJF's Community Health Rankings
- ARC's Economic Distress Index
- OHE's Health
 Opportunity Index
- Lived Experience



Developing Plan Framework:

Qualitative data analysis identified recurring topics

Themes created the framework of the VRHP

Identified community/regional leading and promising practices





Virginia State Rural Health Plan 2022-2026

Recurring Topics

- Education as the Backbone in Rural Virginia
- Healthy Housing
- Broadband Internet Supporting Rural
 Virginia
- Transportation
- Nutrition and Food Security
- Healthy Moms and Babies
- Access to Health Care Services

- Behavioral Health, Substance Use Disorder and Recovery
- Healthy Minds and Bodies
- Built and Natural Environment
- Aging in Place and Addressing Social Isolation
- Elevating Rural Workforce Development and Employment
- Financial Proficiency: Leveraging
 Individualized Resources





Virginia State Rural Health Plan 2022-2026

Natural and Built Environments

Natural Environment

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Comments in the comment

organization founded in 2004 whose mission is to support economic development in Southwest Wightle by promoting the region's rich heritage of traditional music (2).

Built Environment

Built environment agent carely affects the public's health. The connection between health and the built-environment. can be dated back to the 19th century, at the height of the inclustrial revolution, where physical space became limited. living conditions worsened and life expectancy decreased 14. Eventoday with the prevalence of chronic diseases there remains an important connection between population health and the built environment. The built environment includes all of the physical parts of where we live and work (e.g., homes, buildings, sheets, open spaces, and infrastructures The health of individuals and communities is desely fied. to the built environment Neighborhood amenities such as recreational facilities. Fibra iles, playgrounds and sidewalks offer individuals apportunities to socialize, play, exercise and enjoy the neighborhood in which they live (5). There is someevidence to support these forms of community engagement contributing to physical health, mental health and human development (S). Communities that feel like they like close to parks or mounts ins have a beautiful neighborhood, or have e sale neighborhood, on average, spend more time walking outside. The evidence indicates that improving multiple agreets of melofiborhood solets and welkways for pedestrians. and cyclists, and installing play equipment in parks may increase physical activity levels madults and children (St.

Intersection between Health & Built Environment Case Study: Water Fluoridation

Community water fluoridation is consistently found to be one of the most effective means of proventing both decay. According to a 2010 format of Public Health Dendistry article every \$1, spent on fluoridation saves \$38.

Wishing Rual Health Pan 2021

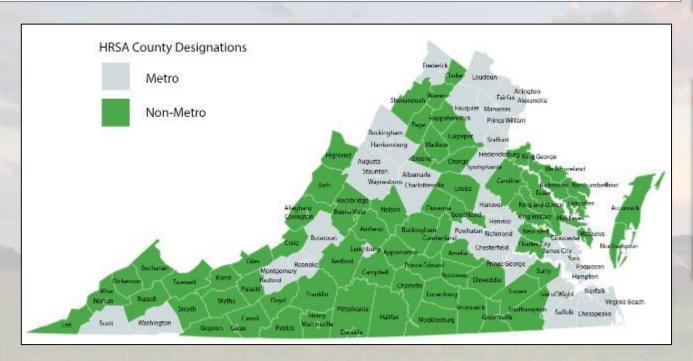
Plan Development

- Overview
- Leading Practices and Approaches
 - Focus: Virginia
- Opportunities for Growth
 - Policy recommendations
 - Pilot program(s)
 - Funding





- Rural Virginia is diverse in geography, demographics, and cultural identity
- Definitions vary based on the lens (economic, statistical classifications, funding opportunities)
- Rurality exists within the shadows of urban cores and suburban areas





Tazewell County



Accomack County





Rural is different within the various regions of the state

- However, during COVID messages got mixed up and confused
- There is a genuine mis-trust of the government and its representatives
- Rural felt left out and certainly left behind



As a very small office we tried to mitigate confusion, tried to promote local trusted messengers, provided what resources we had to LHDs, and tried to advocate for culturally appropriate messages.

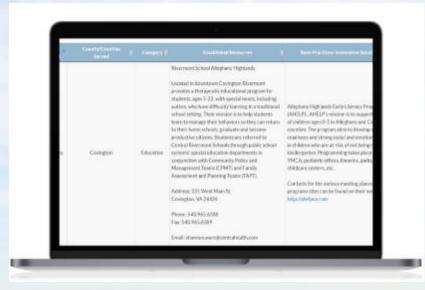




VRHP Resource Online Toolkit

- Virtual
 - Housed on VA-SORH website
- Option to search by Statewide, Health District, County/Counties
- Category
 - Established Resources
 - Best Practices, Innovative
 Solutions
 - How-to Guide, Instrument
- Updated continuously
- Submission of additional resources
 - Anyone can submit information about new/available resources

Link: https://www.vdh.virginia.gov/health-equity/rvi-all-categories/



Category 0	Established Resources	Best-Practices/Innovative Solutions
	Rivermont School Alleghany Highlands	
Education	located in downtown Covington Rivermont provides a therapoutic educational program for students, ages 5-22, with special needs, including autism, who have difficulty learning in a traditional school setting. Their mission is to help students learn to manage their behaviors so they can return to their home schools, graduate and become productive citizens. Students are referred to Central Rivermont Schools through public school systems special education departments in conjunction with Community Policy and Management Teams (CPMT) and Family Assessment and Planning Teams (CAPT).	Alleghany Highlands Early Literacy Program [AHELP]: AHELP's mission is to support families of children ages 0-5 in Alleghany and Covington counties: The program aims to develop school readiness and strong social and emotional skills in children who are at-risk of not being ready for kindergarten. Programming takes place in the YMCA, pediatric offices, libraries, parks, schools childcare centers, etc.
	Address: 331 West Main SL Covington, VA 24426	Contacts for the various meeting places and programs sites can be found on their website; http://abcigva.com



Health Equity Data



Why HOI?

HOI is an innovative tools to advance health equity.

Helps health professionals and policymakers understand how to measure overall health opportunity.

Can be used detect multiple health disparities within the same census geography.

Helps to identify specific social determinants that drive poor health opportunity and multiple disparities out of control.



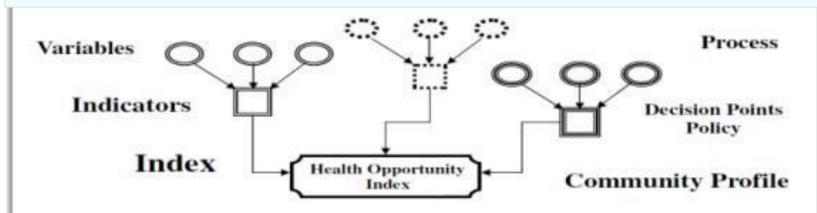
Structure

30+ Variables

13 Indicators

4 Profiles

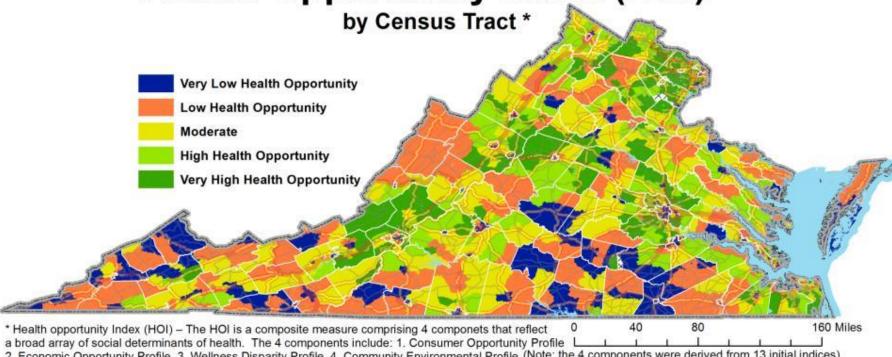
1 Health Opportunity Index



RGINIA PARTMENT

Virginia

Health Opportunity Index (HOI)



2. Economic Opportunity Profile 3. Wellness Disparity Profile 4. Community Environmental Profile (Note: the 4 components were derived from 13 initial indices)

The HOL was developed to assist the public businesses policy makers, communities, healthcare organizations and public health professionals in identifying keys

The HOI was developed to assist the public, businesses, policy makers, communities, healthcare organizations and public health professionals in identifying key social and economic factors (also known as social determinants of health) that affect the health outcomes of the residents of Virginia communities. The set of factors chosen to be included within the HOI was designed to capture the processes by which "opportunities to be healthy" emerge; upon determination of the community HOI score it can suggest where specific interventions may aid in developing a healthy community. Not only does the HOI assist in identifying such areas, it can facilitate a positive attitude toward change within the local community

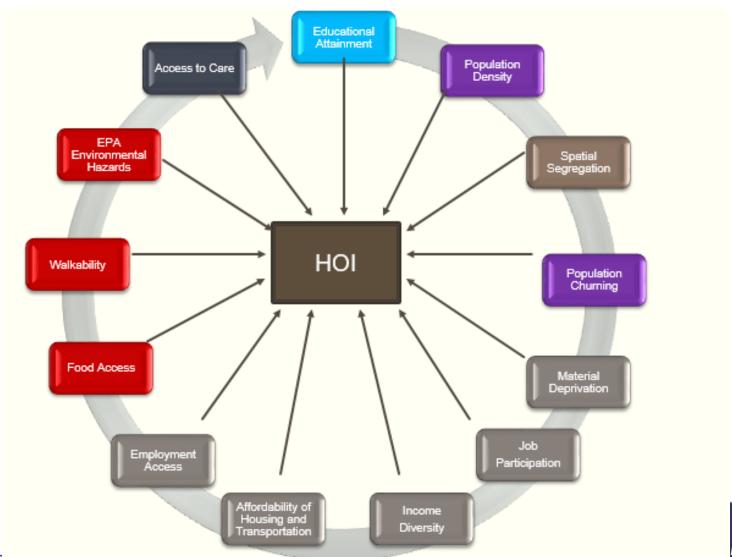


Healthy People 2020: Five Elements of SDOH





Health Opportunity Index



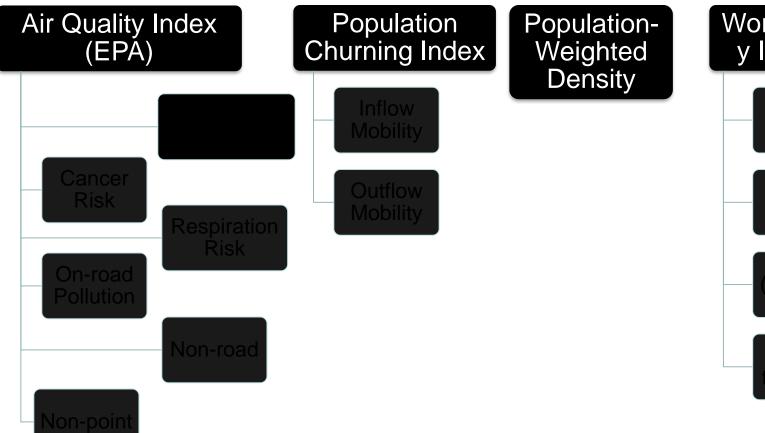


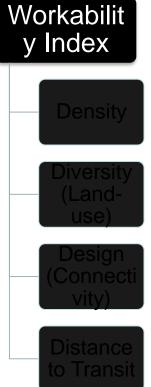
Health Opportunity Index

Consumer Opportunity Profile

Wellness Disparity
Profile

Community Environmental Profile







Economic Opportunity Profile

Number of Jobs
GINI Coefficient
Population in the Labor Force

Distance to Jobs



Consumer Opportunity Profile

Affordability Index

Housing Cost

Transportatio n Costs

Average Income

Education Index

Ave. Years of Schooling

Food Accessibility Index

% Low Income

% Low Access to Major Grocery Store

Distance to Grocery Store

Material Deprivation Index

Unemployme nt

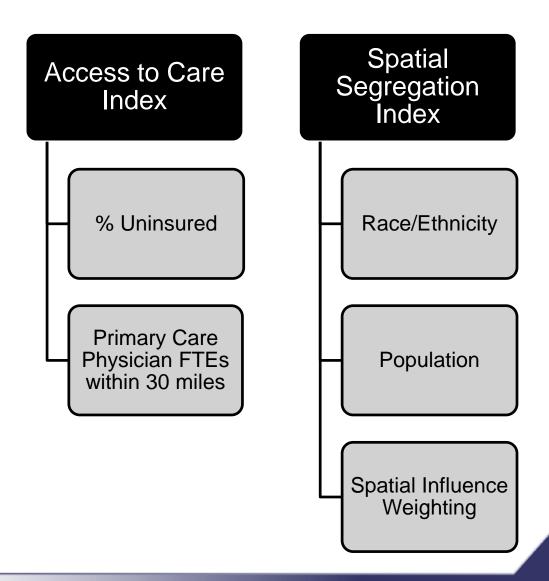
Auto less Homes

Home Ownership

Overcrowding



Wellness Disparity Profile

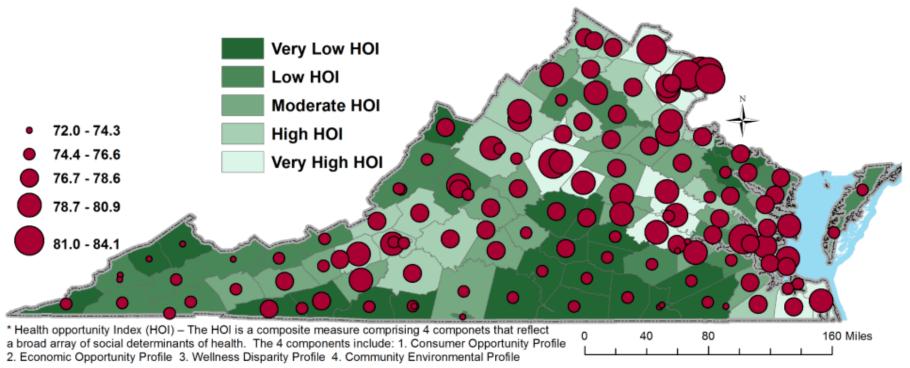




Virginia

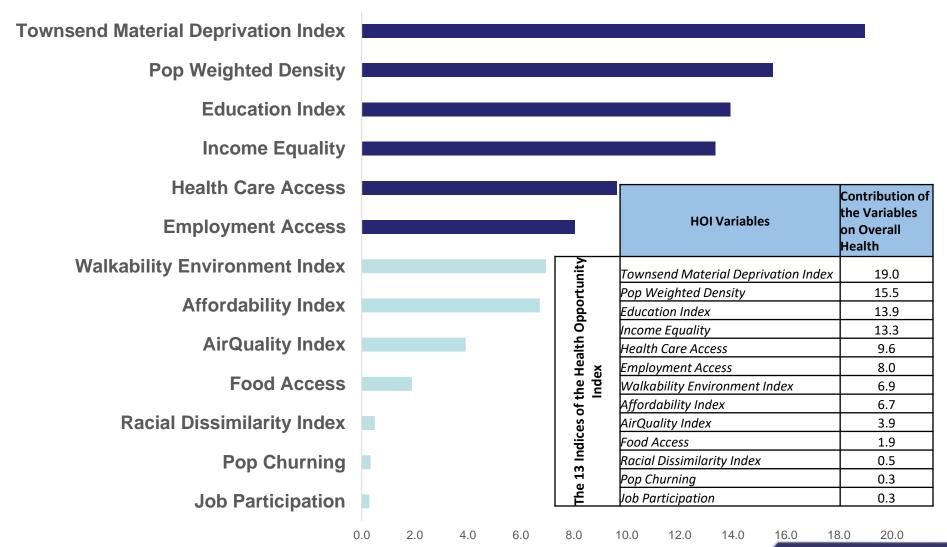
Health Opportunity Index (HOI)

by County / City* overlaid with Life Expectancy at Birth

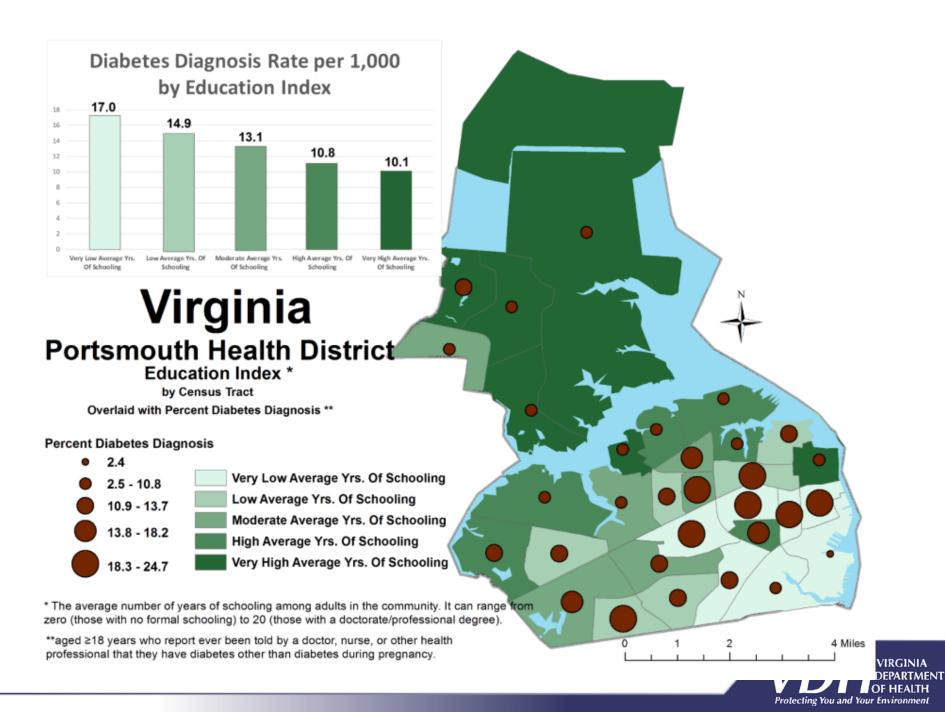


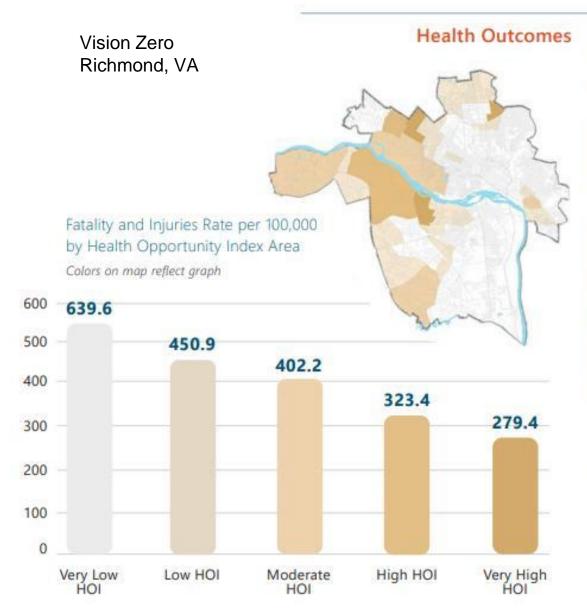
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Contribution of individual HOI Indices on Overall Health (Life Expectancy) in Portsmouth







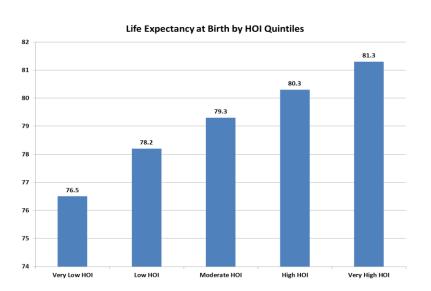


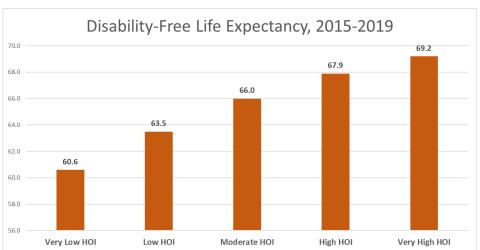
The Virginia Department of Health uses a Health Opportunity Index (HOI) as a composite measure of the social, economic, educational, demographic, and environmental factors that relate to a community's well-being. This includes indicators of neighborhood walkability and access to transportation; two factors directly relevant to Vision Zero. Areas in the City with a "very low" HOI experience a fatality and injury rate 2.65 times higher than areas with a very high HOI. Investments in transportation safety in these communities may contribute to the overall health outcomes of residents. in areas with the greatest need. It will be necessary for the City and Vision Zero stakeholders to continue to determine which factors have the greatest influence on crash rates and the resulting injuries and fatalities in these specific communities

Source: Virginia Department of Health



Life Expectancy Vs Disability-Free Life Expectancy







What are we doing differently?





RURAL HEALTH DATA COMMONS

an innovative approach to inform health and well-being



BIOCOMPLEXITY __ INSTITUTE



Link to the Rural Health Data Commons.



What is a data commons?

An open knowledge repository that co-locates data from a variety of sources, builds and curates data insights, and provides tools designed to track issues over time and geography allowing governments and community stakeholders to learn continuously from their own data.

Features

- Data sources, collected and created
- Maps reflecting multiple geographies
- Composite metrics
- Navigation and capability to statistically explore the data
- Data download via web or API

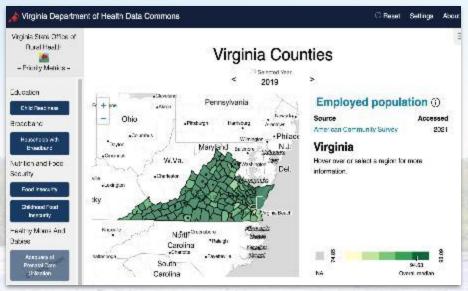
Intended Audience

- General public
- Virginia government: elected officials and agency personnel
- Community stakeholders and leaders: local government, NGOs, business and industry
- Researchers: universities, institutes, think tanks
- Health professionals

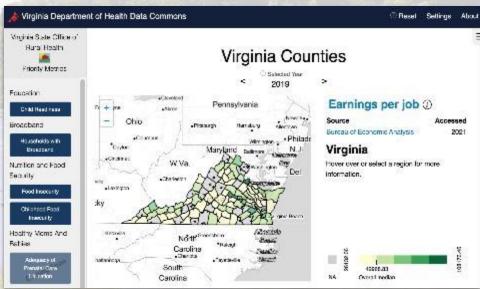




Rural Data Commons: Workforce Metrics



Civilian Employed Populationpopulation self-reported as employed divided by total civilian workforce population. **Earnings per job**- calculated based on the GDP and personal Income Table from the Bureau of Economic Analysis.







Priority Metrics

1. Education

 Child Readiness via Third Grade Standards of Learning Reading Assessment

2. Broadband

 Percentage of Households with Broadband

3. Nutrition and Food Security

- Rates of Food Security
- Rates of Food Insecurity among Households with Children

4. Healthy Moms and Babies

 Adequacy of Prenatal Care Utilization via Kotelchuck Index

5. Access to Health Care Services

 Rates of Avoidable Hospitalizations per 100,000 Residents

6. Behavioral Health, Substance Use Disorder and Recovery

 Rates of Emergency Department Visits for Overdose (All drugs)

7. Employment/Workforce Development

- Earnings/Income per Job
- Employment Rates per Census Tract





