

In Health Matters, Place Matters - The Health Opportunity Index (HOI)

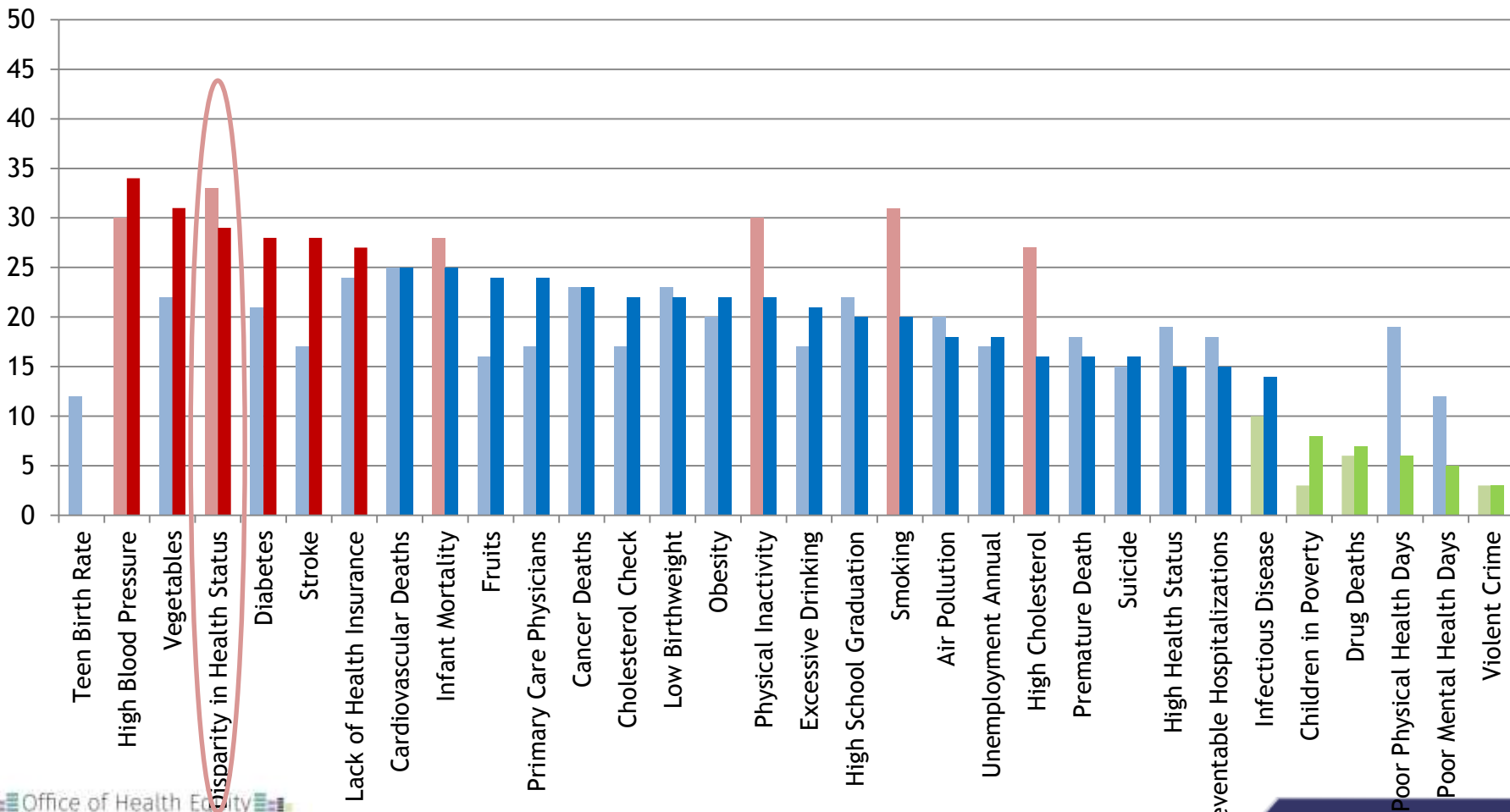
Virginia Department of Health
Office of Health Equity

Identifying the Problem

America's Health Rankings

United Health Foundation Scorecard

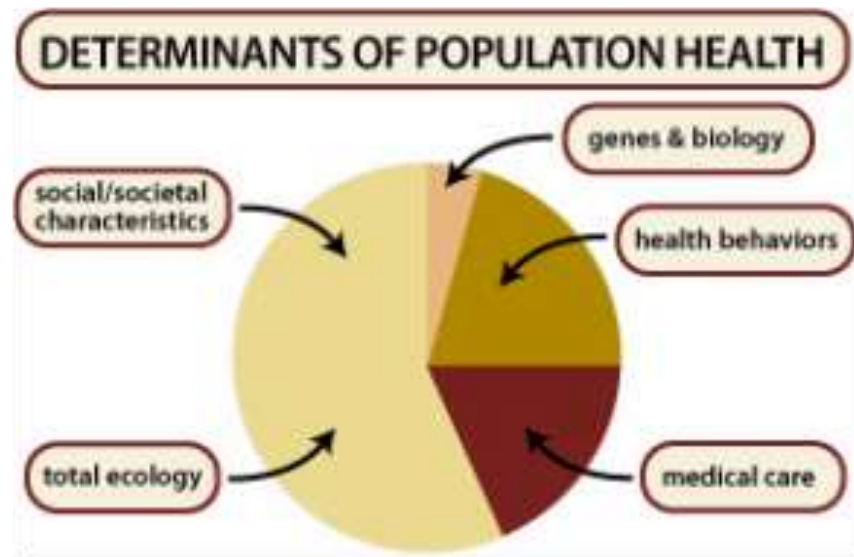
Overall Ranking = 19th



Understanding SDOH

Estimates vary, but research indicates that the SDOH account for more than 50% of variation in population health outcomes.*

*Individual results will vary



Communities of Opportunity

- Parks & trails
- Grocery stores
- Thriving small businesses and entrepreneurs
- Financial institutions
- Better performing schools
- Good transportation options and infrastructure
- Sufficient healthy housing
- Home ownership
- Social inclusion
- IT connectivity
- Strong local governance

Good Health Status

Poor Health Status
Contributes to health disparities:

- Obesity
- Diabetes
- Cancer
- Asthma
- Injury

Low-Opportunity Communities

- Unsafe/limited parks
- Fast food restaurants
- Payday lenders
- Few small businesses
- Poor performing schools
- Increased pollution and contaminated drinking water
- Few transportation options
- Poor and limited housing stock
- Rental housing/foreclosure
- Social exclusion
- Limited IT connections
- Weak local governance



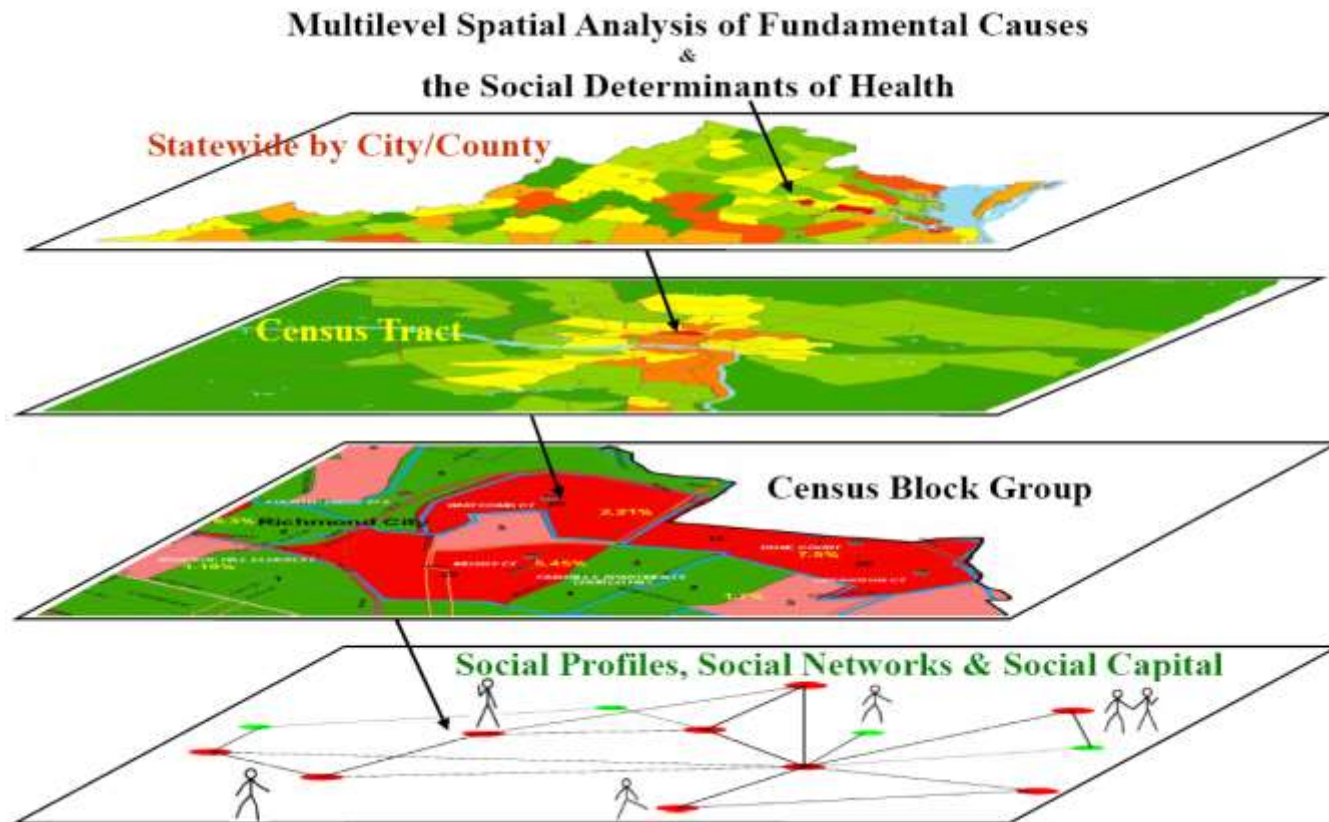
Source: Dr. Edward Ehlinger, Minnesota Commissioner of Health
2016 President's Challenge for the Association of State and Territorial Health Officials (ASTHO)

DESIGN AND METHODS

Health Opportunity Index

Identifies areas and populations that are most vulnerable to adverse health outcomes based on the Social Determinants of Health

Geographic Level Can Mask Detail



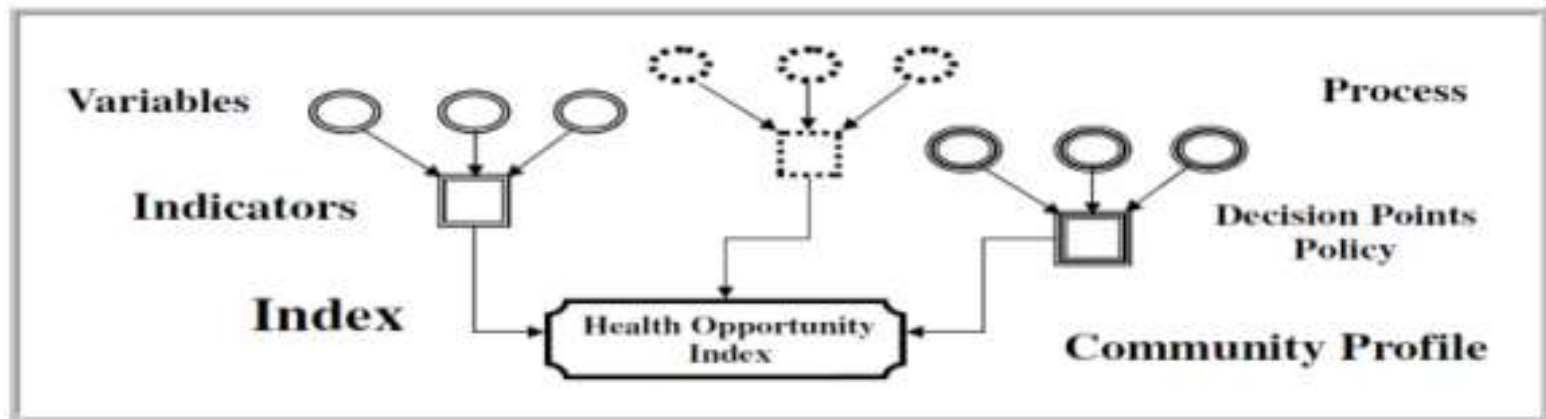
Structure

30+ Variables

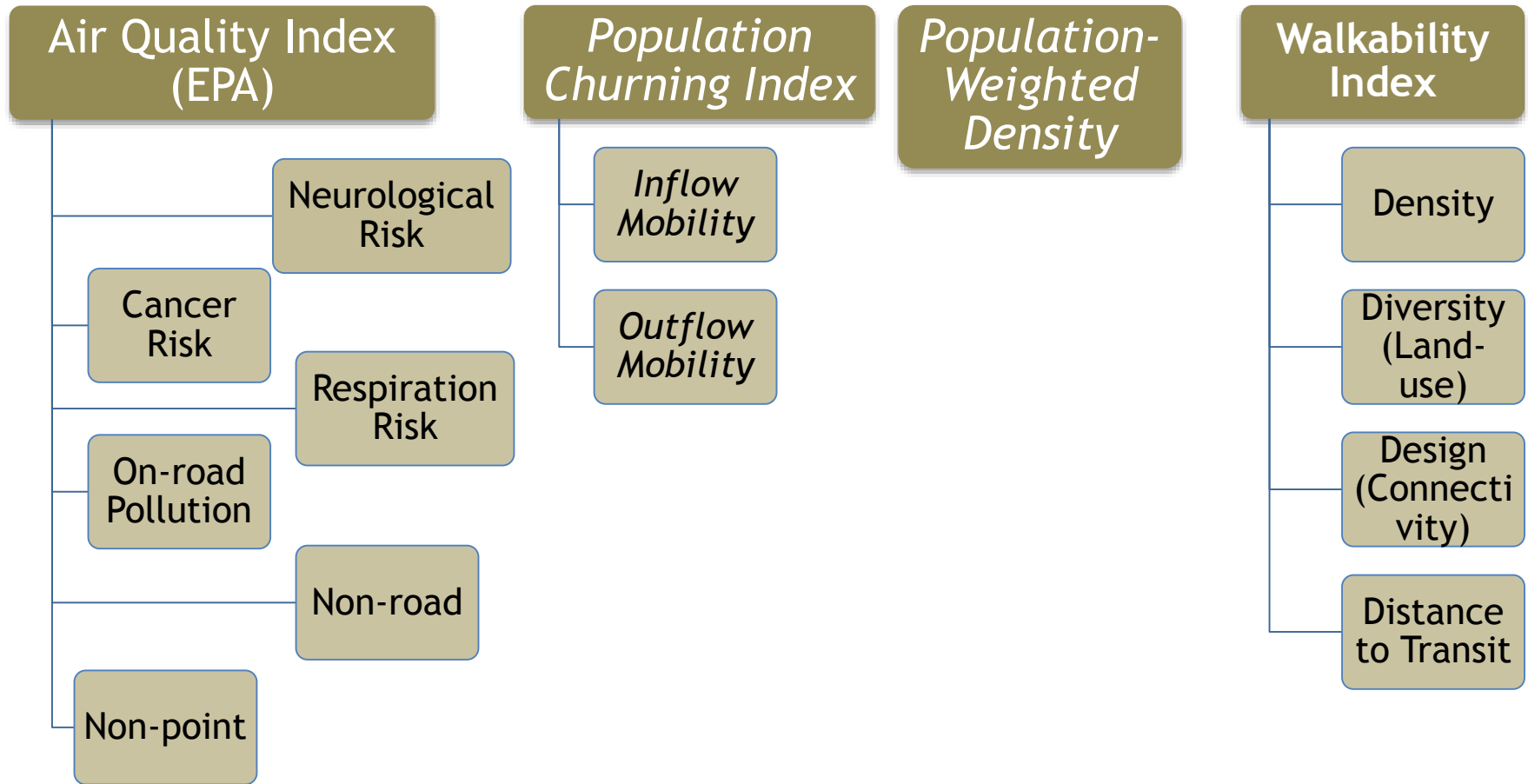
13 Indicators

4 Profiles

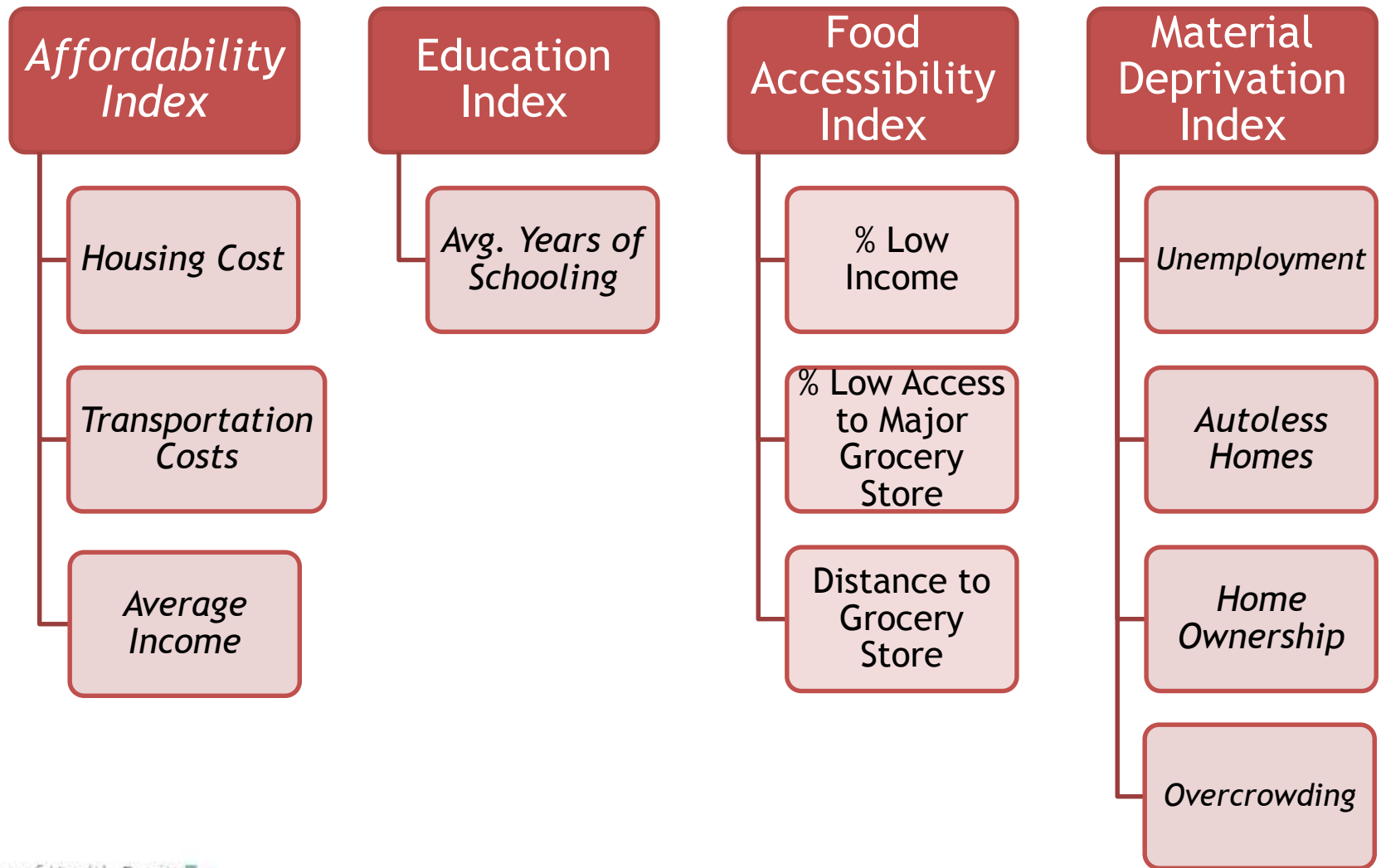
1 Health Opportunity Index



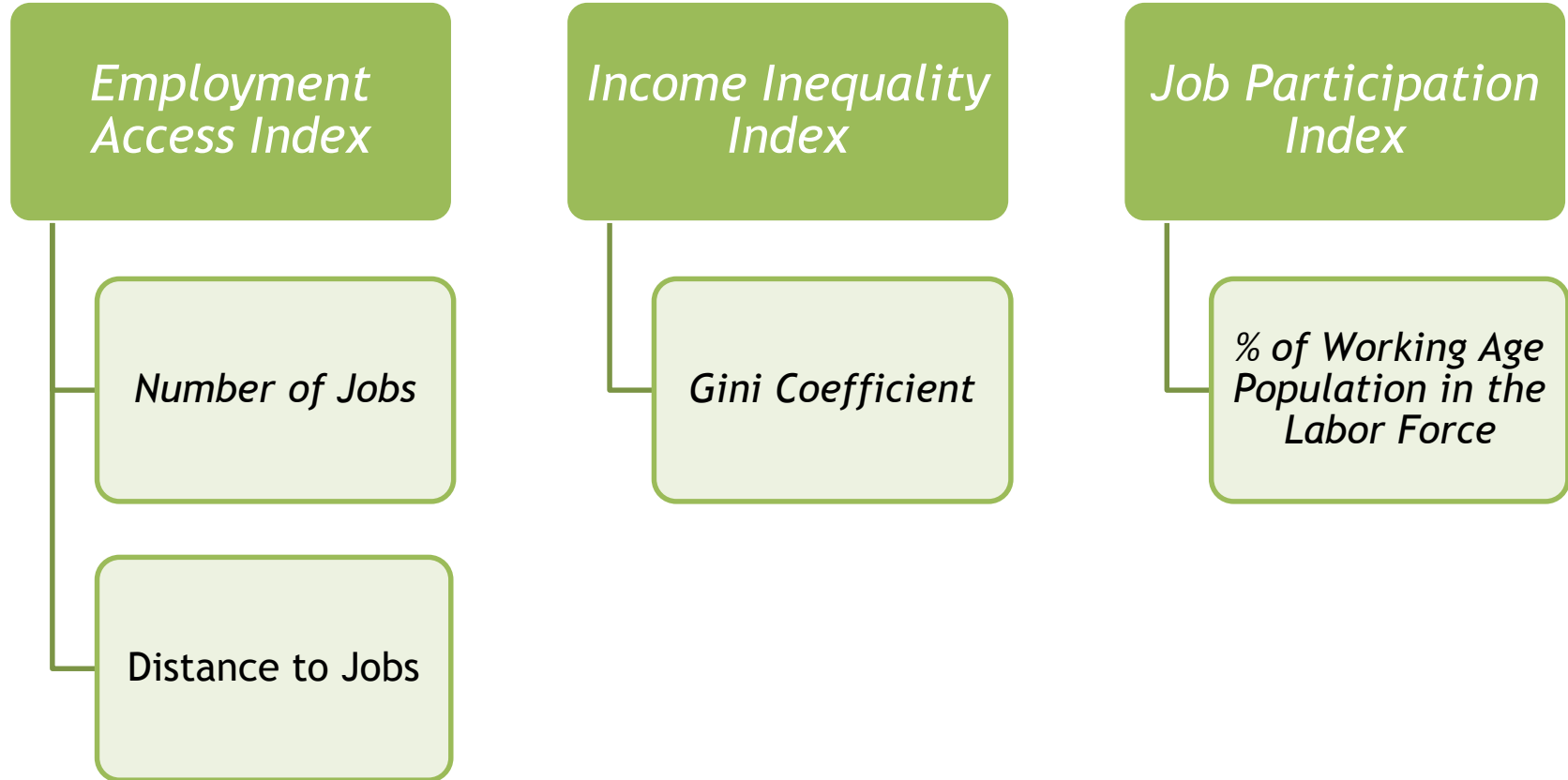
Community Environmental Profile



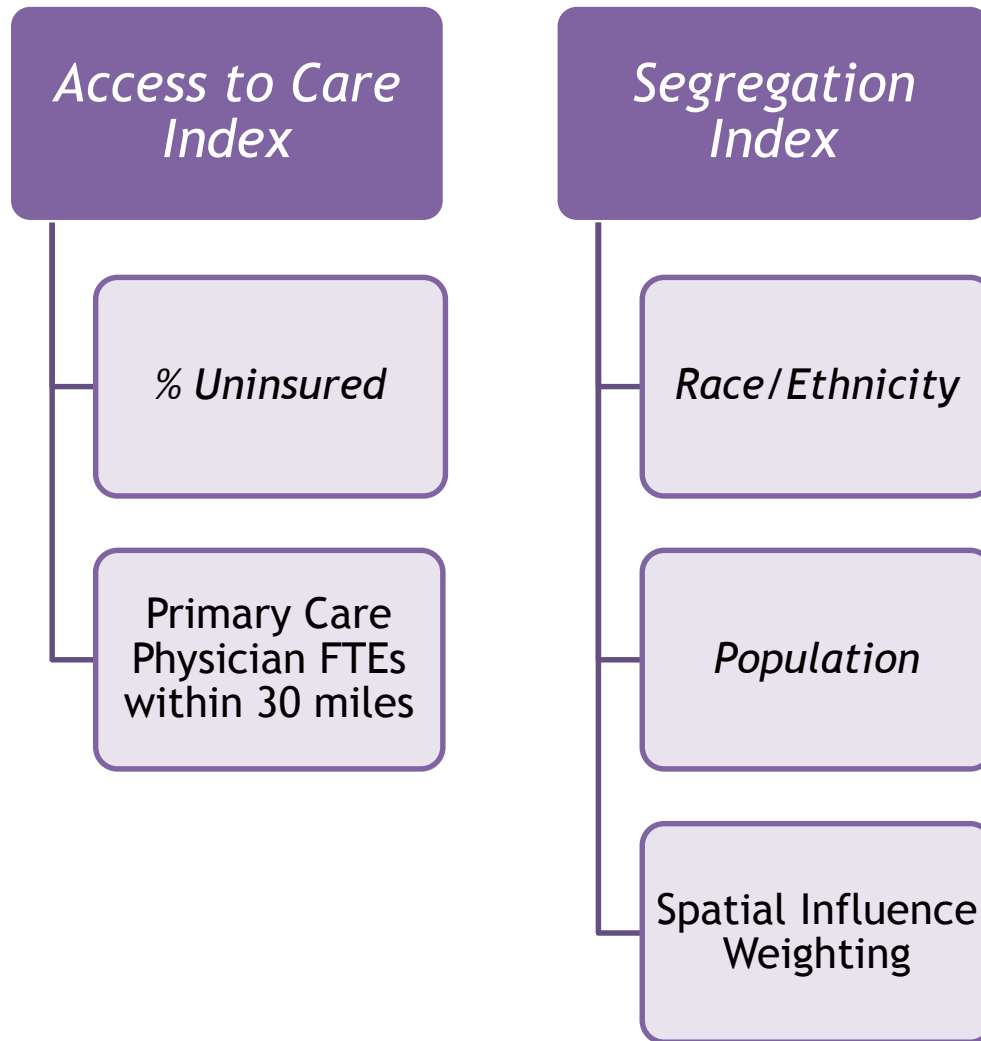
Consumer Opportunity Profile



Economic Opportunity Profile



Wellness Disparity Profile



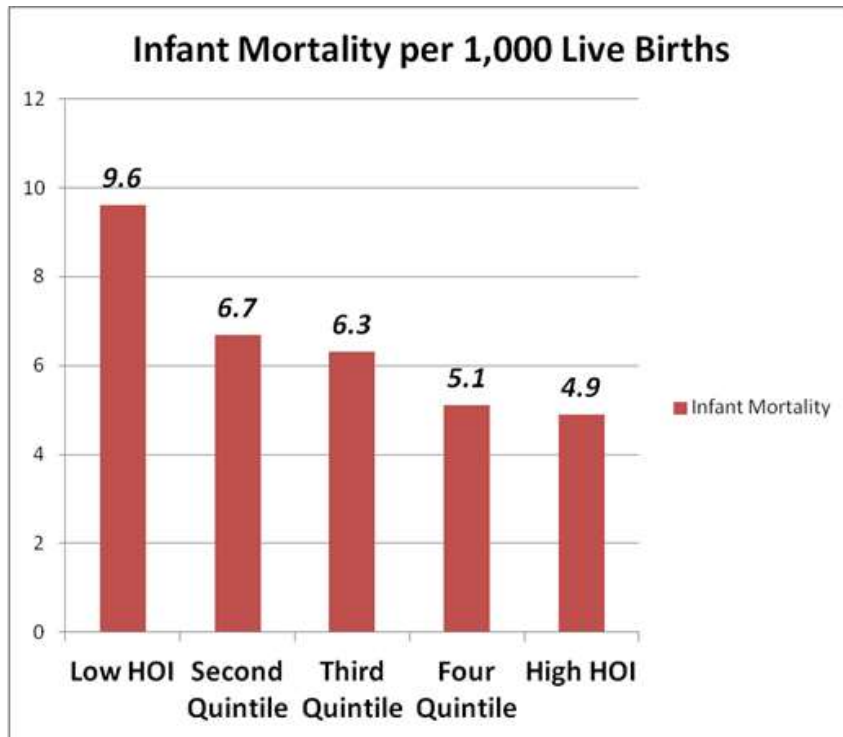
USES AND APPLICATIONS

Uses of the HOI

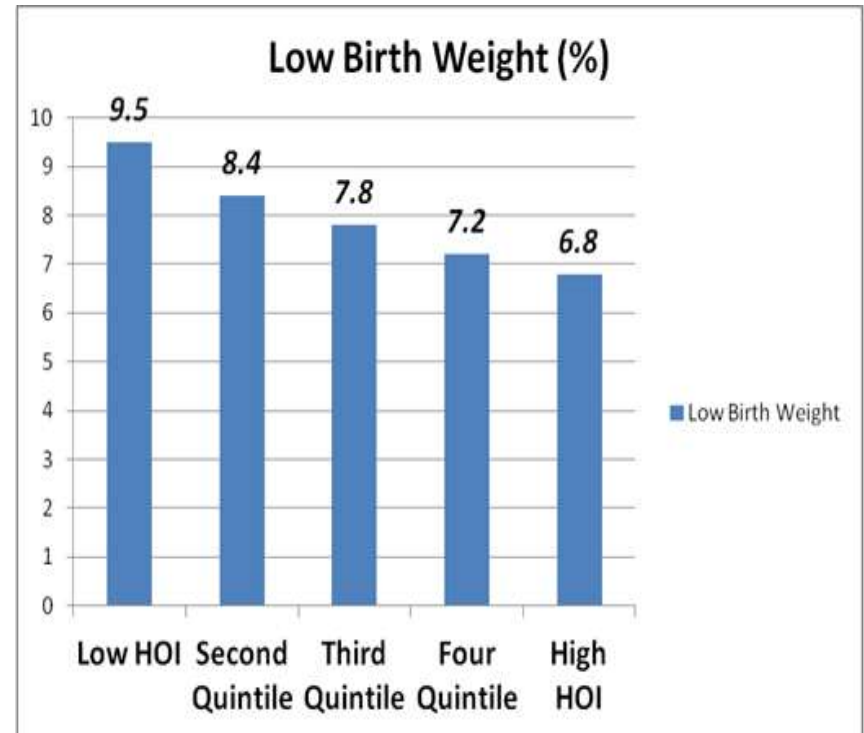
- To show that place matters when it comes to health
- To identify the impact of social determinants of health on statewide health landscape
- To identify HOI indicators that are most influential on local health
- To learn from communities with good health despite adverse HOI indicators
- To build collaboration across all sectors to promote health equity

Monotonicity of HOI

Infant Mortality

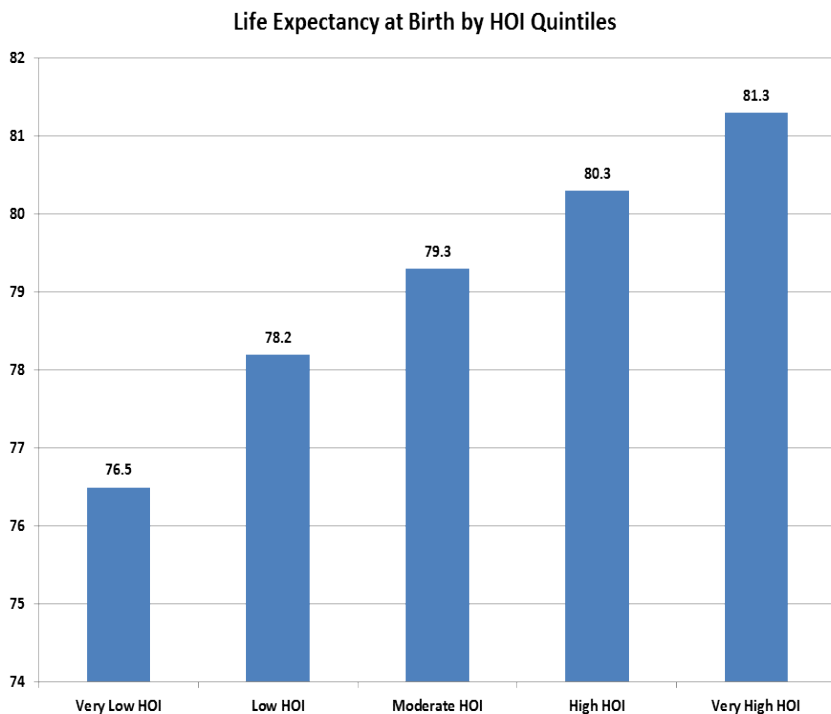


Low Birth Weight

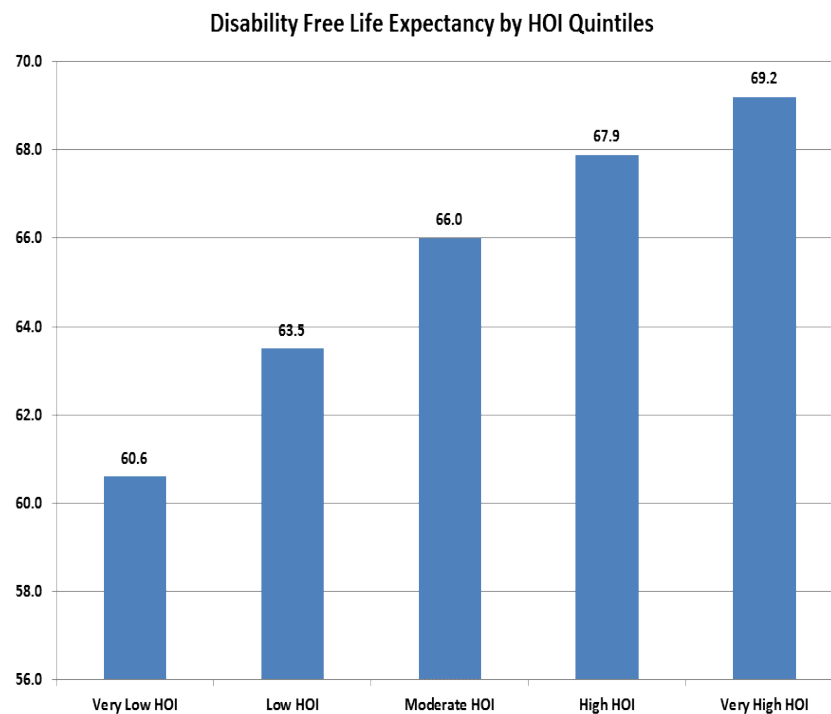


Monotonicity of HOI

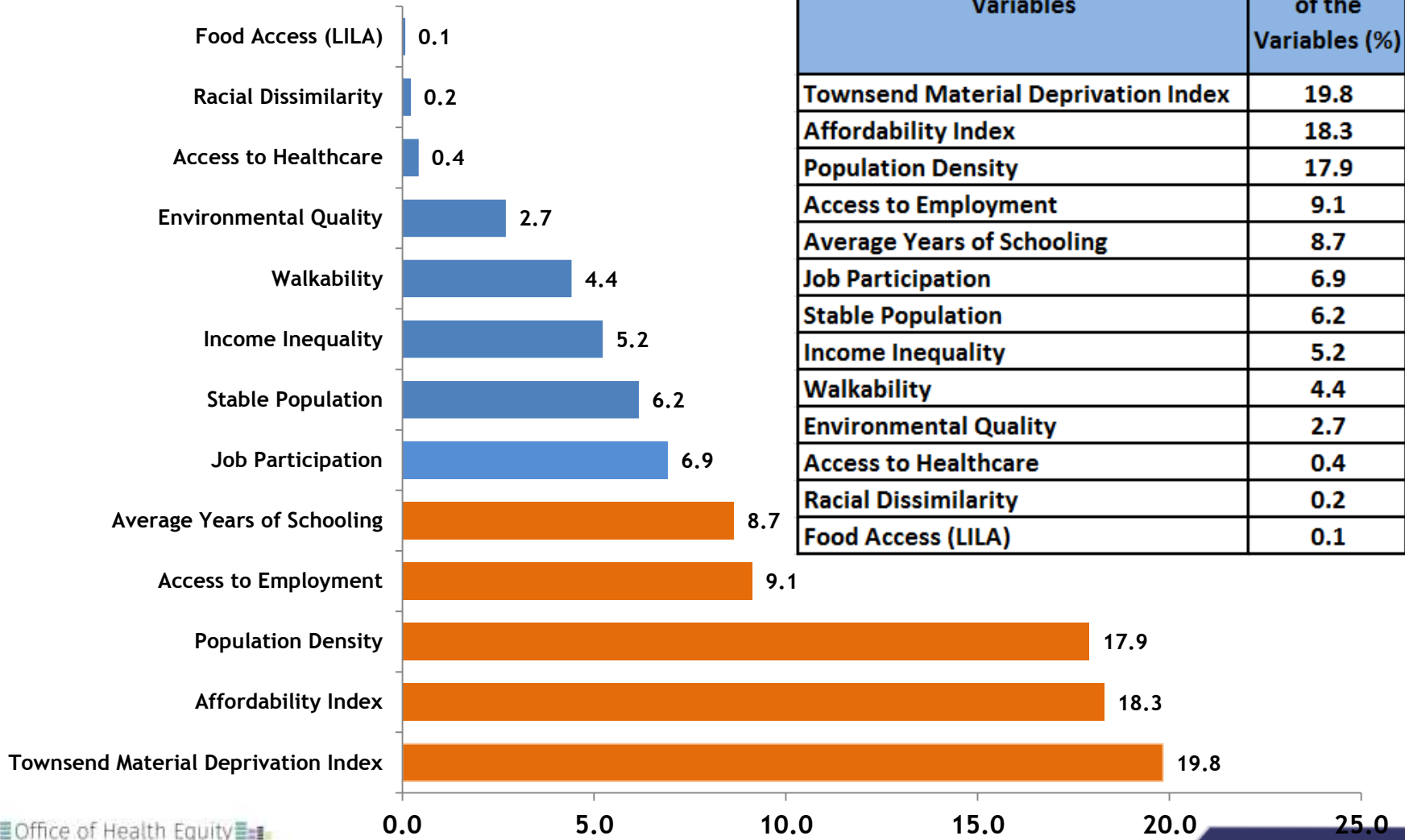
Life Expectancy at Birth



Disability Free Life Expectancy



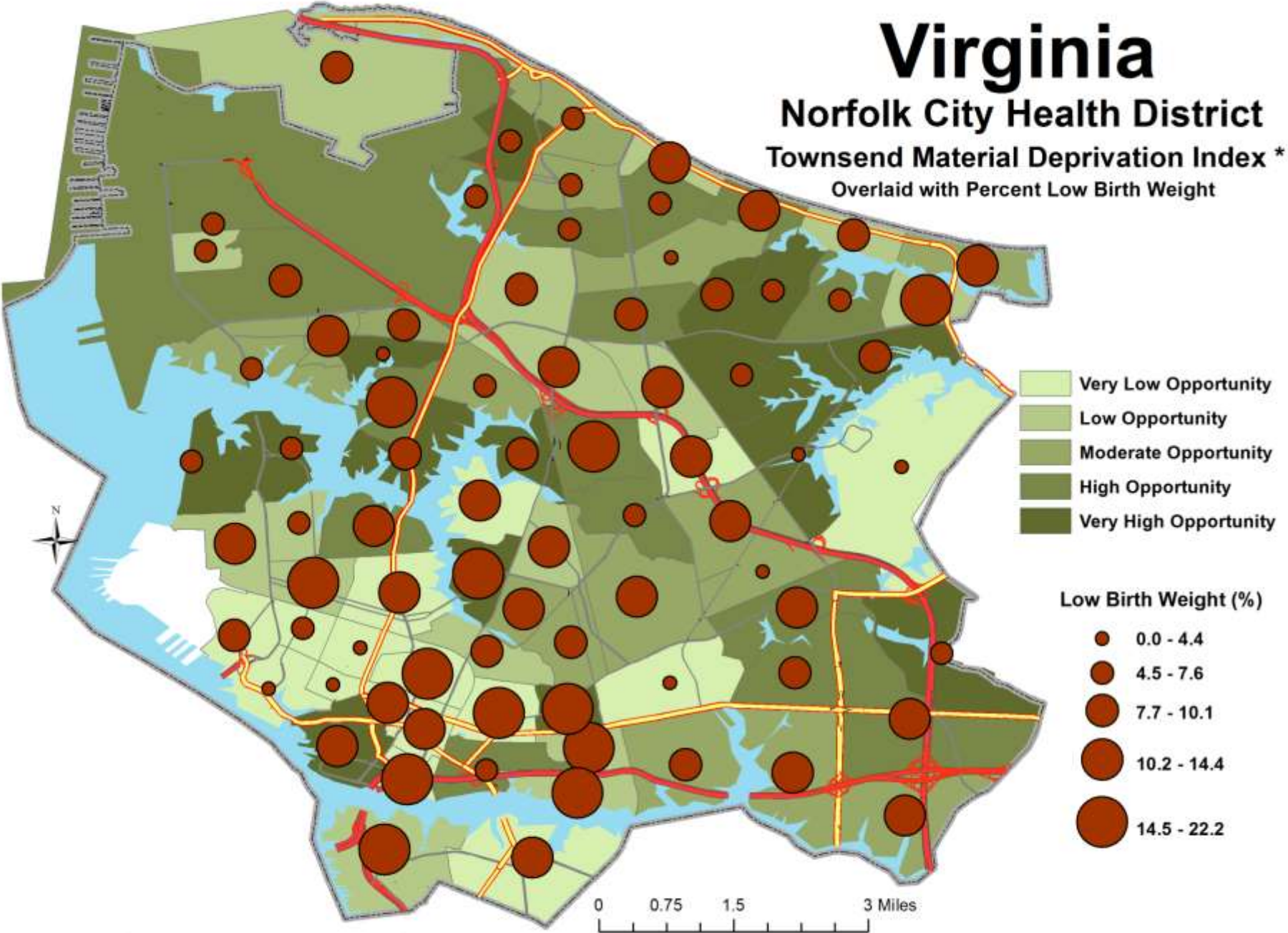
Norfolk City Health District - HOI Indices Contributions



Virginia

Norfolk City Health District

Townsend Material Deprivation Index * Overlaid with Percent Low Birth Weight



* Material deprivation entails the lack of goods, services, resources, amenities and physical environment which are customary, or at least widely approved in the society under consideration

***For more information
please contact:***

Adrienne McFadden, MD, JD

Adrienne.mcfadden@vdh.virginia.gov

Justin Crow, MPA

Justin.crow@vdh.virginia.gov

Rexford Anson-Dwamena, MPH

Rexford.Dwamena@vdh.virginia.gov

Visit the Health Opportunity Index Website:

<https://www.vdh.virginia.gov/omhhe/hoi/>