



Kentucky Health Departments Association

# Public Health Transformation

*We can do better*

**Dana Nickles, JD**  
**KHDA Executive Director**

**Allison Adams, MPA, RN**  
**Buffalo Trace District Health Department**  
**KHDA President**

**Scott Lockard, MSW**  
**Kentucky River District Health Department**  
**KHDA Immediate Past President**



# Core Values of Public Health

**The opportunity for health is a fundamental right of every human being.**

We have the responsibility to improve and protect the health of all populations. Public health must emphasize prevention and embrace a collective, multifaceted action to respond to emerging challenges.

Our services change to meet the challenges and needs of the population....but are always based on these 3 values.

***PREVENT PROMOTE PROTECT***

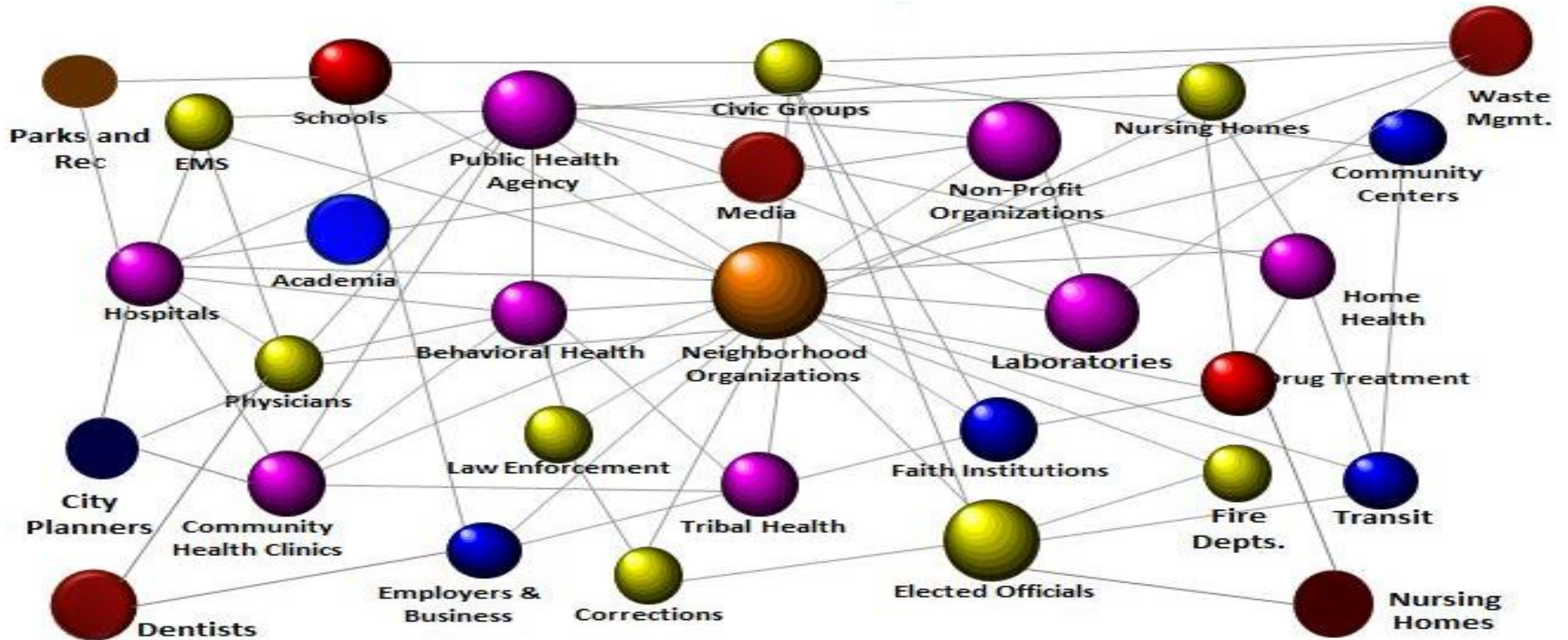


**Public Health**  
Prevent. Promote. Protect.



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# The Public Health System



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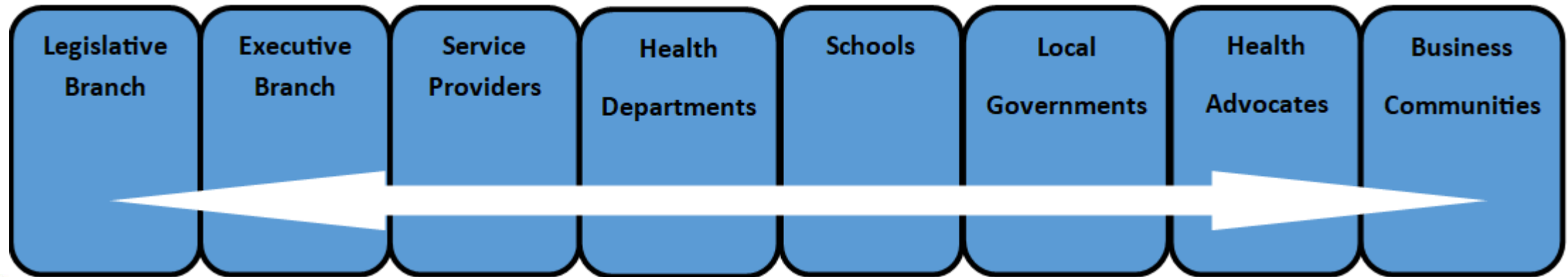
**“Public health is what we, as a society, do collectively *through organized actions* to assure the conditions in which *all* people can be healthy.” –  
Institute of Medicine (1988), Future of Public Health**



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# Kentucky Public Health Transformation

**Working together for an efficient, sustainable and accountable public health system focused on producing better health outcomes for all Kentuckians**



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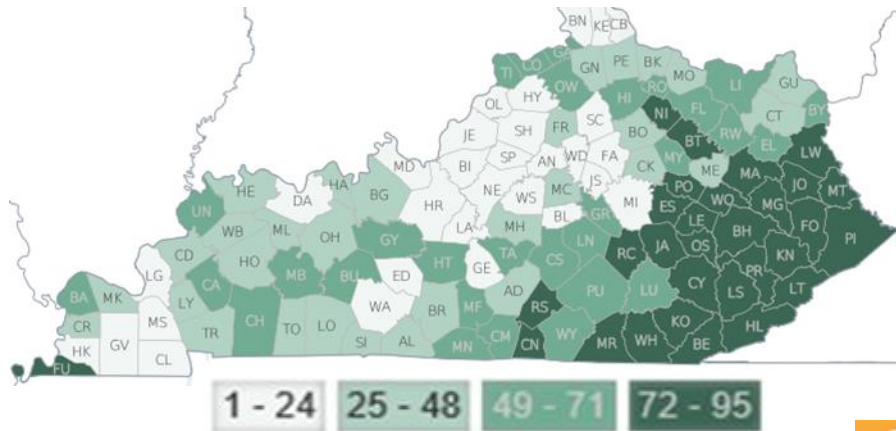
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# How Our Health Status Is Measured

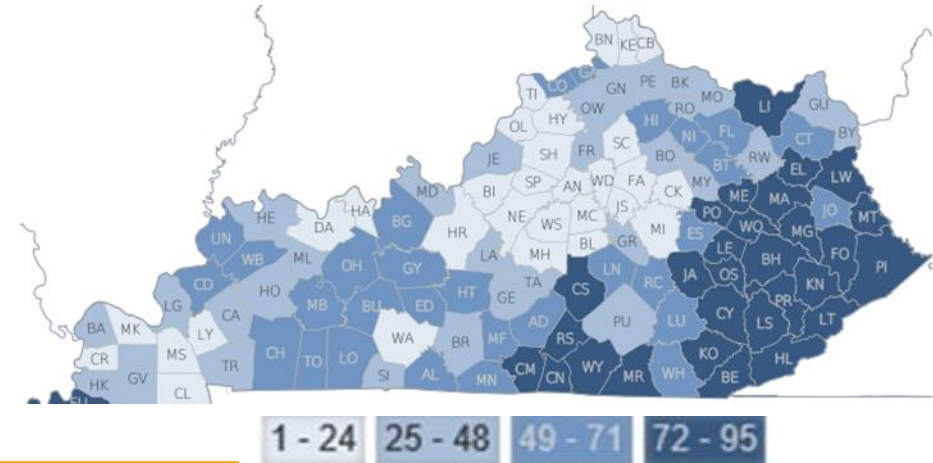
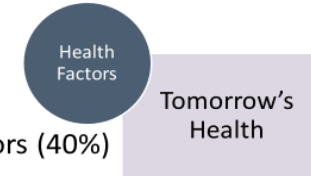
## Health Outcomes

- Mortality (50%):
  - Measures of how long we live
- Morbidity (50%):
  - Measures of how well we live



## Health Factors

- Health behaviors (30%)
- Clinical care (20%)
- Social and economic factors (40%)
- Physical environment (10%)



**County Health  
Rankings & Roadmaps**

Building a Culture of Health, County by County

# Kentucky Public Health System Crossroads



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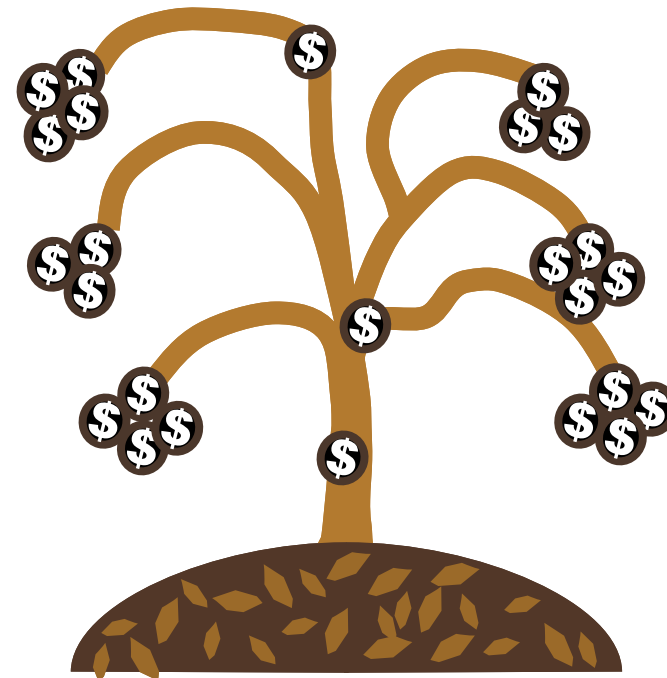
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# Public Health Funding Kentucky Is No Exception

Ideal Public Health Department



Actual Public Health Department



DAVID FLEMING, WASHINGTON STATE



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# **SIMPLIFY**

# **FOCUS**

# **PRIORITIZE**



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# CORE PUBLIC HEALTH

## FOUNDATIONAL PUBLIC HEALTH

Six focus areas, which includes  
statutorily and regulatorily  
defined services:

1. Population Health
2. Enforcement of Regulation
3. Emergency Preparedness
4. Emergency Response
5. Communicable disease control
6. Administrative and organizational infrastructure

Community Health  
Assessment

WIC

HANDS

HARM REDUCTION &  
SUD

COMMUNITY  
PRIORITIES



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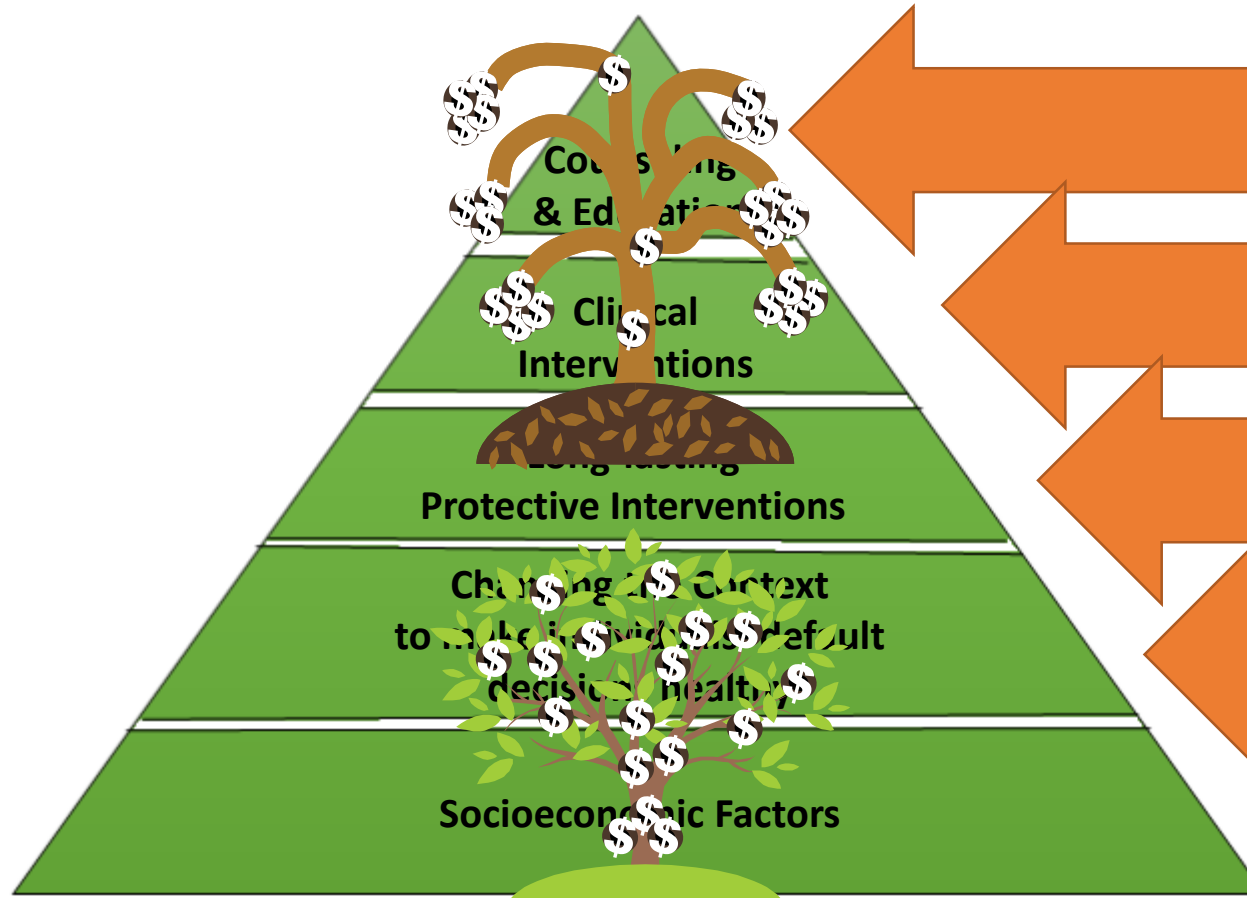
# Focus on Population Health

## CDC Health Impact Pyramid Factors that Affect Health

Smallest  
Impact



Largest  
Impact



### Examples

Eat healthy, be  
physically active

Rx for high blood  
pressure, high  
cholesterol, diabetes

Immunizations, brief  
intervention, cessation,  
treatment, colonoscopy

Fluoridation, trans fat,  
smoke-free laws,  
tobacco tax

Poverty, education,  
housing, inequality



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# Stop spending



# Instead

# Invest





## Determinants of Health (root causes)





- School-Based Programs to Increase Physical Activity
- School-Based Violence Prevention
- Safe Routes to School
- Motorcycle Injury Prevention
- Tobacco Control Interventions
- Access to Clean Syringes
- Pricing Strategies for Alcohol Products
- Multi-Component Worksite Obesity Prevention

Counseling  
and Education

Clinical Interventions

Long Lasting  
Protective Interventions



## Changing the Context

Making the healthy choice the easy choice

- Early Childhood Education
- Clean Diesel Bus Fleets
- Public Transportation System
- Home Improvement Loans and Grants
- Earned Income Tax Credits
- Water Fluoridation



## Social Determinants of Health

# HI-5

## HEALTH IMPACT IN 5 YEARS



Source: U.S. Centers for Disease Control and Prevention, Health Impact in Five Years. <http://www.cdc.gov/hi5>



# Thank you

## QUESTIONS



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