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# Public Health Infrastructure

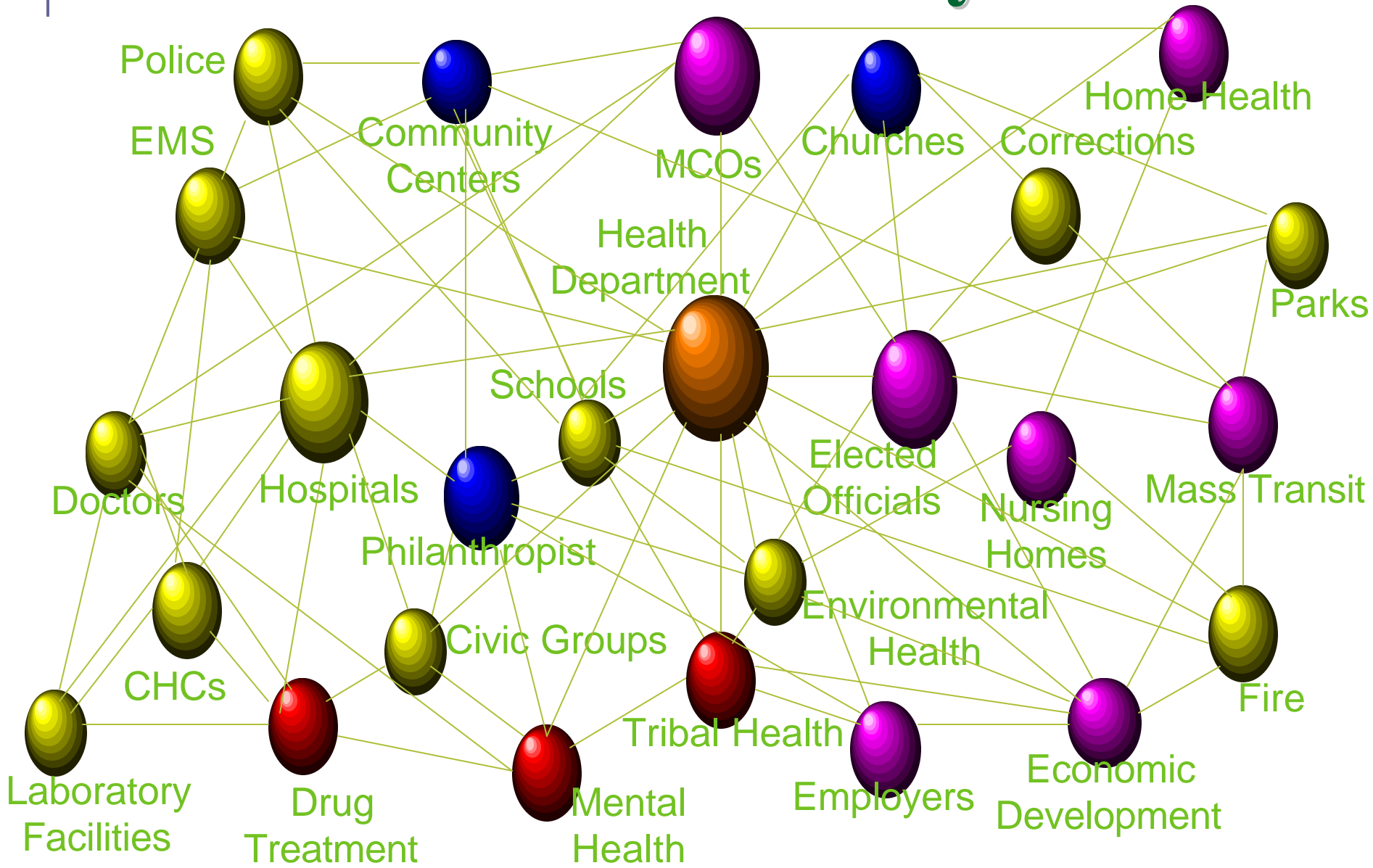
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Healthy Kansans 2010  
Steering Committee Meeting  
May 12, 2005

# Description of the Problem

- The nation's public health system is a complex network of people, systems, and organizations working at the local, state, and national levels

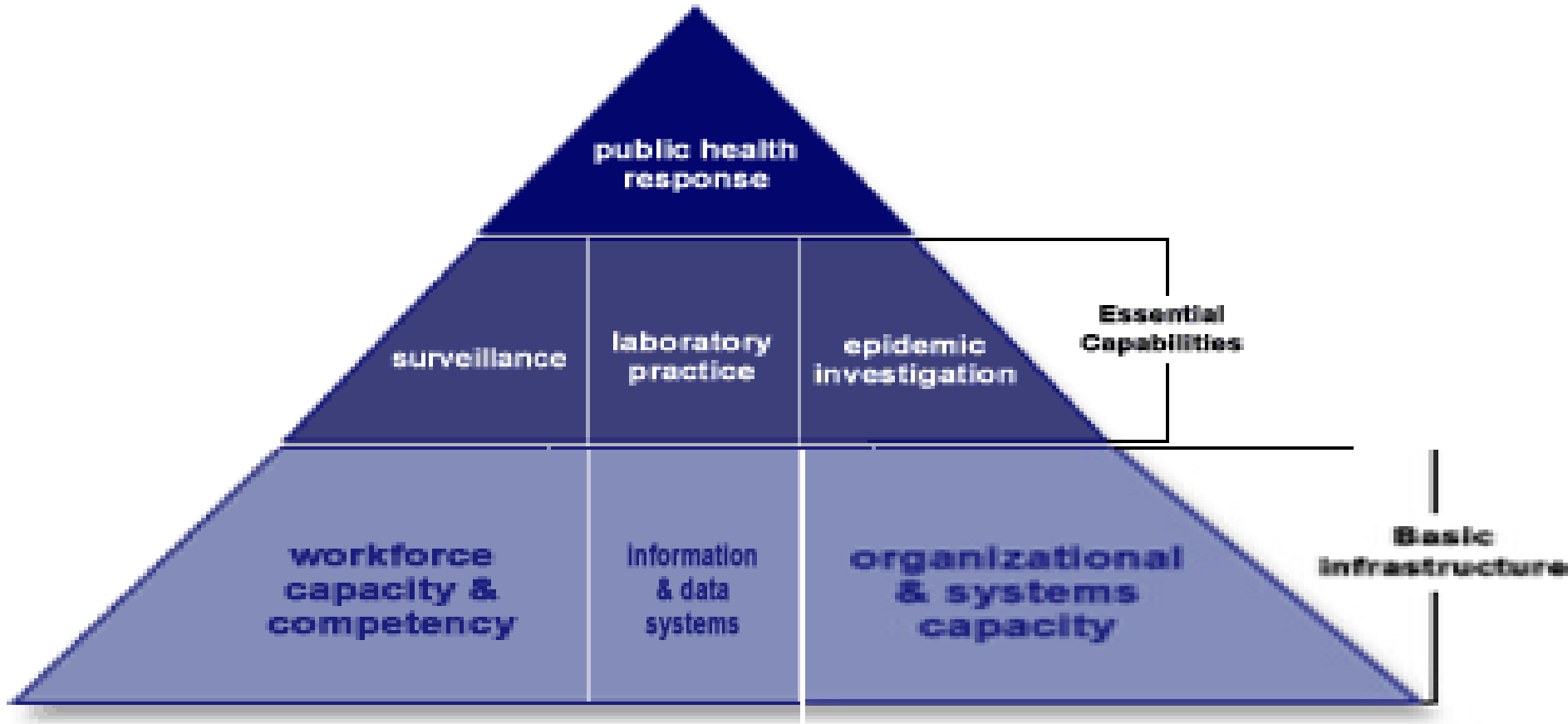
# The Public Health System



# Description of the Problem

- The public health infrastructure is just one component of the public health system
- The three components of the public health infrastructure are workforce capacity and competency, information and data systems, and organizational capacity

# Pyramid of Preparedness



Source: Centers for Disease Control and Prevention (CDC)

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# Description of the Problem

- The public health infrastructure is a complex web of practices and organizations that has been characterized as in “disarray”

# How Are We Addressing This Issue in Kansas Now?

- HP 2010 Objective 23-10 (Skilled Workforce)
  - Increase the proportion of public health agencies that provide continuing education to develop competency in essential public health services for their employees
- HP 2010 Objective 23-11 (Effective Public Health Organizations)
  - Increase the proportion of public health agencies that meet national performance standards for essential public health services

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# Current Kansas Initiatives

- Assessment and planning for needs of the Kansas public health workforce
- Training programs to increase competencies of the current workforce



# **What is the KANSAS PUBLIC HEALTH LEADERSHIP INSTITUTE?**

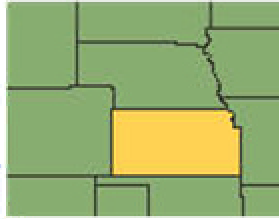
- **Year-long training program for high potential public health leaders.**
- **Coordinated by the Kansas Public Health Workforce and Leadership Development (WALD) Center.**
- **Develops leadership knowledge, skills, and competencies.**
- **Strengthens organizational effectiveness.**
- **Positively impacts the public health system in Kansas.**

# KPHLI Scholars

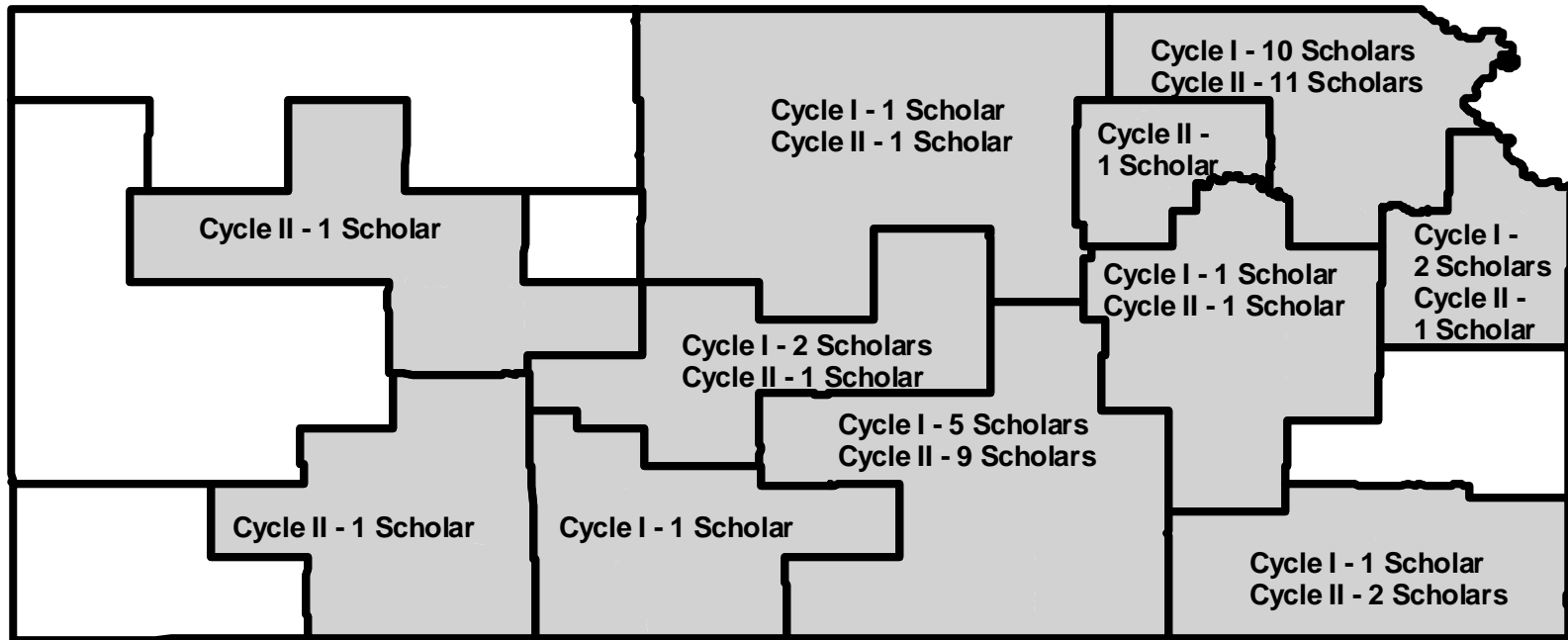
- **First cycle of 23 scholars was admitted in 2003 and graduated in 2004**
- **Second cycle of 29 scholars is now active**
- **Recruitment for third cycle is now in progress**



**KPHLI faculty and  
Cycle II KPHLI scholars**



# KPHLI Scholars by Kansas Bioterrorism Preparedness Region



**KPHLI scholars have been recruited from 11 of the state's 15 bioterrorism preparedness regions**

# Cycle I KPHLI Scholar Capstone Topics

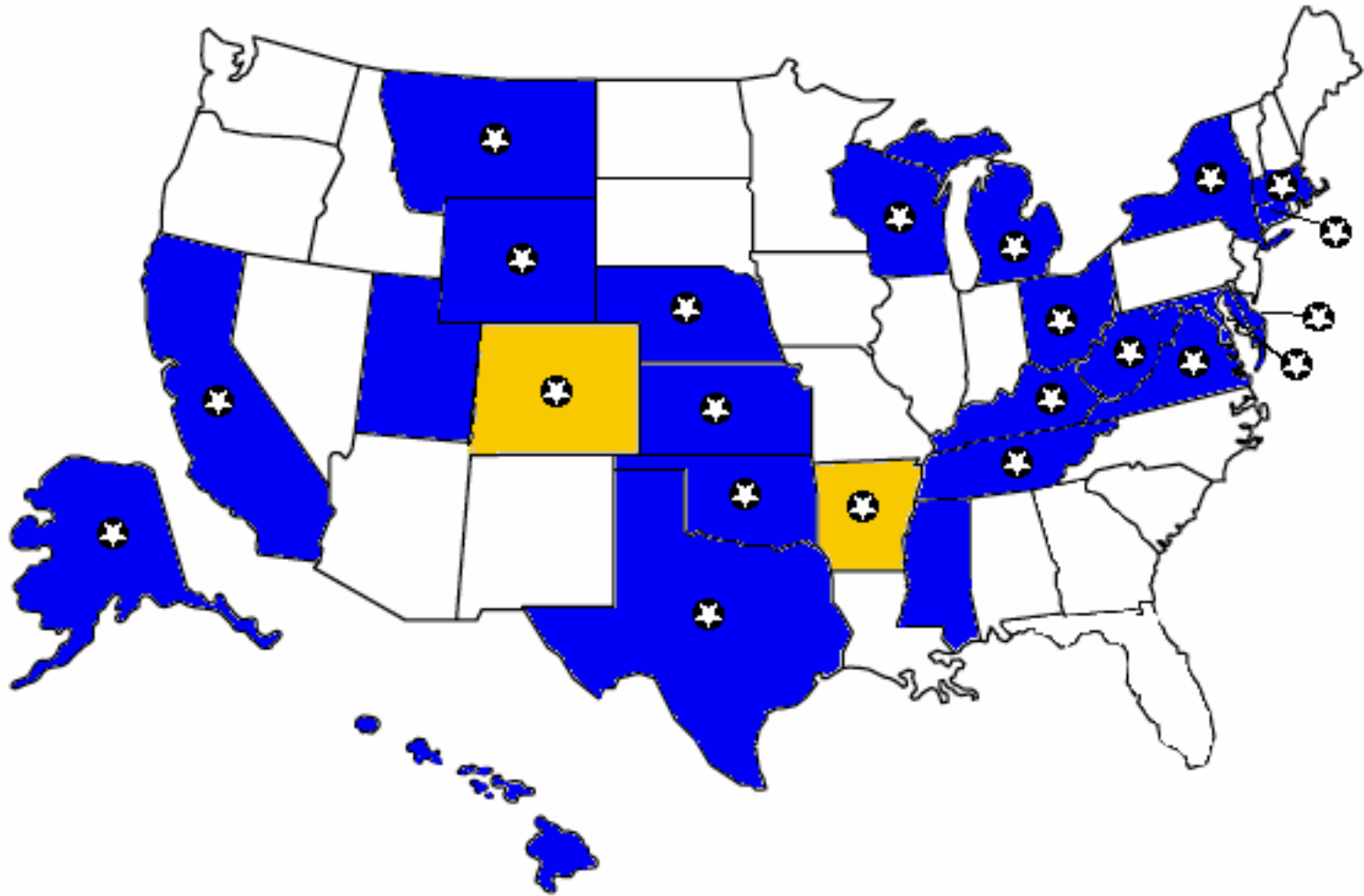
- **Health Policy Development for Diverse Populations**
- **Culturally Competent Health Interventions and Data Collection**
- **Rural Telemedicine**
- **Emergency Response in Clinical Laboratories**
- **Media Relations and Preparedness Communication Needs**
- **Educational Needs Assessment and Professional Training Needs**
- **Community Health Assessment and Coalitions**
- **Organizational Governance Improvement**
- **Revenue for Local Health Departments**
- **Anti-Tobacco Policy and Program Development**
- **School Health and Exercise Promotion**
- **Public Health Effects of Family Roles**



# What is TRAIN?

- TRAIN is a web based tool for training the public health community and its partners
- TRAIN Kansas is part of the national Training Finder network
- TRAIN is a project of the Public Health Foundation and 23 affiliate states.
- TRAIN is becoming the central location for public health related training in Kansas
- TRAIN is being considered as the training portal for the emergency readiness workforce in Kansas

# TRAIN State Affiliates



# KS-TRAIN News

- Currently there are 1,715 learners using KS-TRAIN, 48 approved course providers, and 691 national courses listed on the system
- Subject Areas on KS-TRAIN include chronic diseases, injury/violence, substance abuse, physical activity, maternal child health and more
- Kansas Course providers are encouraged to correlate their proposed training to meet public health workforce competencies

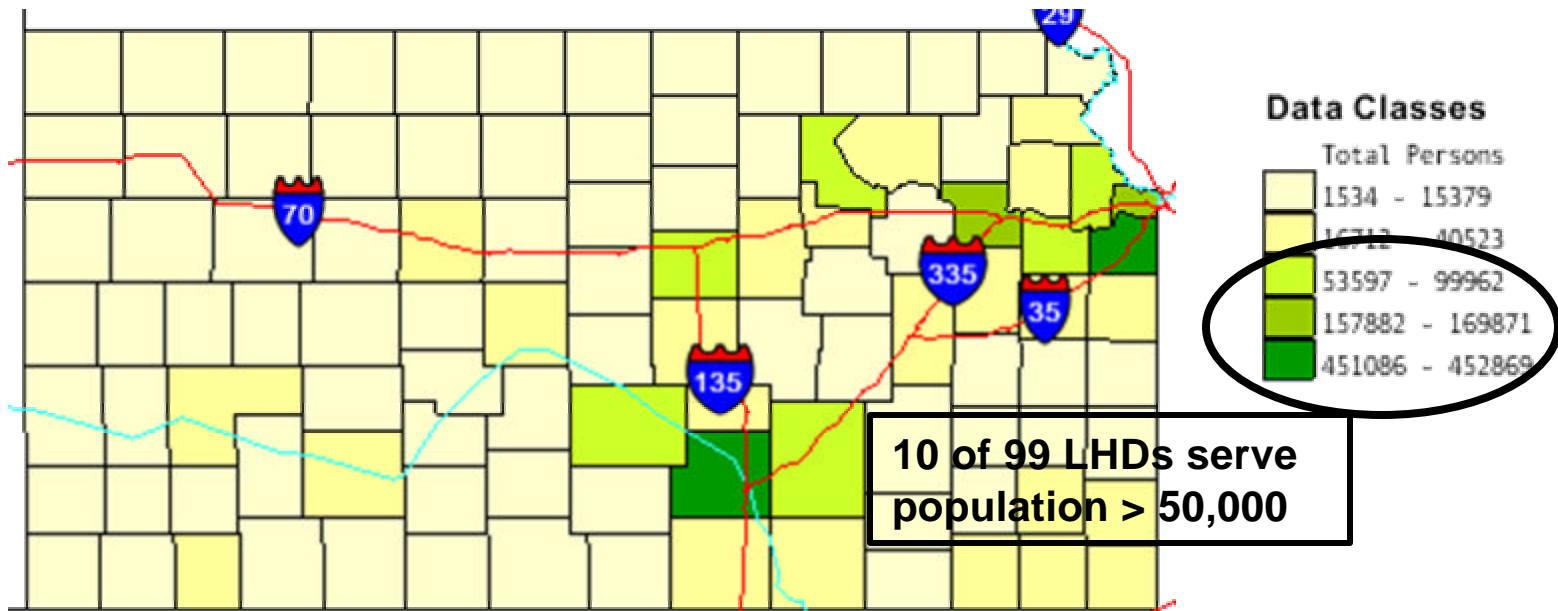
# Current Kansas Initiatives

- KALHD local public health department regionalization/Track and Trend project

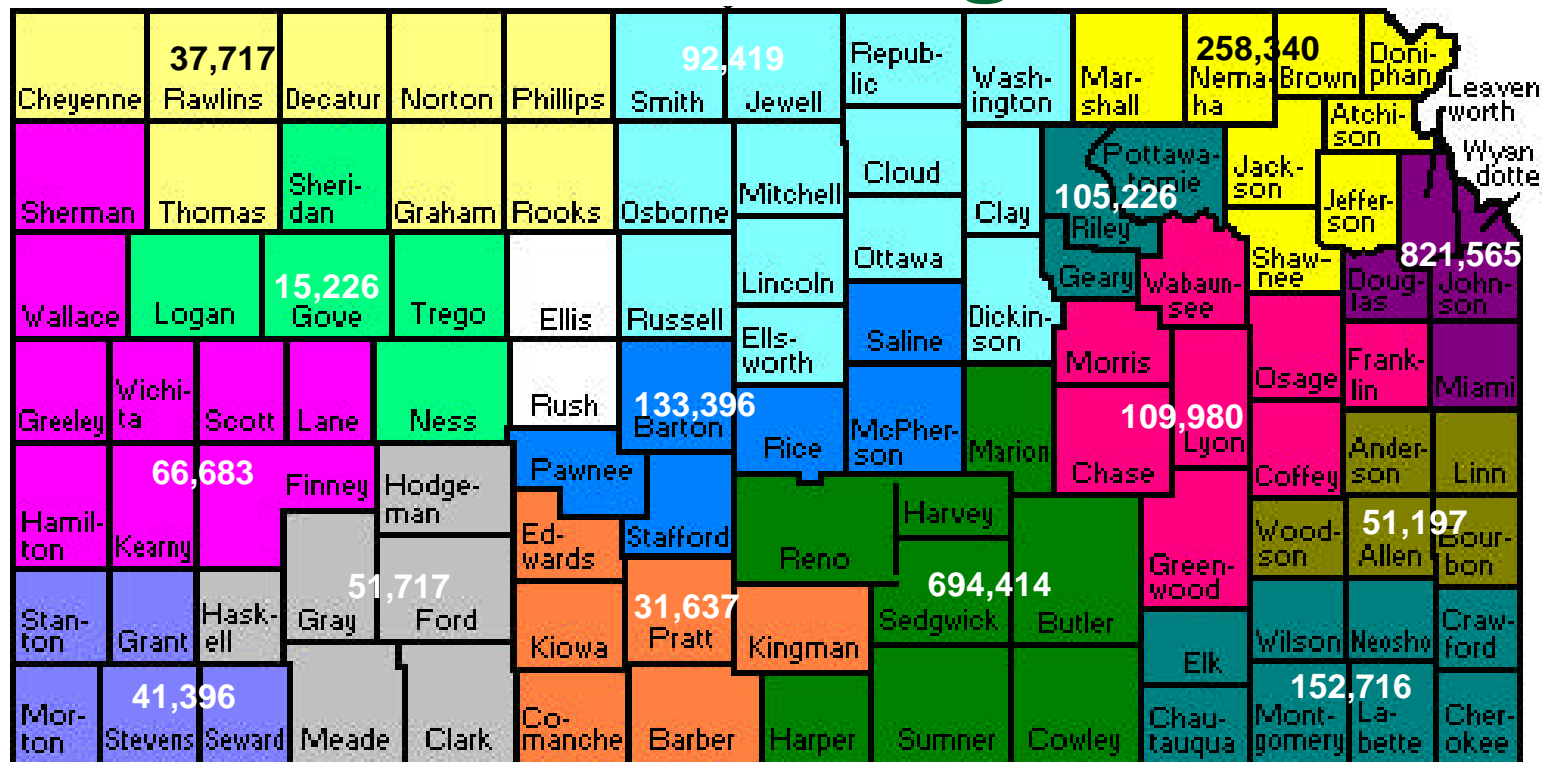


# Existing Local Public Health System in Kansas

|        |               |    |    |  |   |   |
|--------|---------------|----|----|--|---|---|
|        |               |    |    |  |   |   |
| Kansas | Decentralized | 99 | 90 |  | 7 | 2 |



# Public Health Regions



- 103 of 105 Counties Participating
- 11 of 15 Regions Service Population >50,000

# **Local Public Health Capacity Development Capacity Assessments Year 2**

- **Local Public Health Capacity Inventory using Assessment Tool Designed by CDC**
  - Data Analysis by Region
  - Regions Presented Findings at KALHD Mid-Year Meeting
  - Gap Analysis Tool for Regional Capacity Planning and Development
- **Developing on-going Performance Management System**

# Local Public Health Capacity Development

## Current Issues

- **Regional Sustainability**
  - Regional training- building relationships
  - Regional exercises
    - Test Surge Capacity
    - Test Information/Communications Systems
  - Data aggregation/analysis by region
  - Regional Best Practices
  
- **Implementation of Performance Management System**
  
- **Use NPHPS Framework with other initiatives**
  - Workforce Development
  - Systems Development

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# What Are Kansas' Assets for Improving This Health Issue?

- Strong existing partnerships within the state among practice, academic, and research-oriented organizations
- State, regional and national resources for training, performance measurement
- Demonstrated momentum to build workforce and organizational capacities

# What Are Barriers or Liabilities That Are Limiting Progress in Kansas?

- Continued funding to support training and education efforts
- Competing resource demands at individual and organizational level
- State, local resources to support performance measurement efforts
- Current management information systems have limited capacity to support performance measurement

# Recommendations

- Establish baseline data regarding Kansas public health workforce composition and capacity
- Assure dedicated resources for public health workforce development
- Continue development/assessment of local performance measurements within Track and Trend project
- Consider implementation of National Public Health Performance Standards assessments, beginning at state level

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**Shirley Orr, MHS, ARNP, CNAA**  
**Director, Local Health Section**  
**KDHE Office of Local and Rural Health**  
**1000 SW Jackson, Suite 340**  
**Topeka, KS 66612**  
**785.296.7100**  
**316.250.6940 (cell)**  
**785.296.1231 (fax)**