

# Public Health Curriculum for Governing Entities

## Condensed Version

December 2010

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**N A L B O H**

National Association of Local Boards of Health

# Learning Objectives

- At the end of this session the participant should be able to:
  - Define public health and the public health system
  - Identify the Core Functions and Essential Services
  - Describe the difference between clinical and preventive health (public health and medicine)

## Learning Objectives (cont.)

- At the end of this session the participant should be able to:
  - Be familiar with accomplishments in public health
  - Identify quality improvement activities and why QI is important to public health
  - Be familiar with technical assistance resources

## Pre-Test

- Please pick the phrase that best describes public health
  - A. Public health focuses on the health of the individual
  - B. Public health helps us get better doctor's appointments
  - C. Public health focuses on the health of the community
  - D. Public health started about 10 years with the development of Healthy People 2000

# Pre-Test

- Please select the combination that illustrates the Core Functions of Public Health
  - A. Advocacy, policy development, and epidemiology
  - B. Assessment, assurance, and policy development
  - C. Accreditation, quality improvement, and assurance

# Pre-Test

– Name three of the 10 Essential Public Health Services

A. \_\_\_\_\_

B. \_\_\_\_\_

C. \_\_\_\_\_

# Pre-Test

- Name three accomplishments in public health over the last 100 years

A. \_\_\_\_\_

B. \_\_\_\_\_

C. \_\_\_\_\_

# Pre-Test

– Name three public health national initiatives

A. \_\_\_\_\_

B. \_\_\_\_\_

C. \_\_\_\_\_



# Pre-Test

- Please provide a definition of a board of health and name a type of board of health \_\_\_\_\_

- Board of Health Definition (NALBOH, November 2010)

# Public Health Curriculum Outline

- WHO definition of health
- What is public health?
- Institute of Medicine report
- Core Functions of Public Health
- 10 Essential Public Health Services
- Clinical/preventive medicine

# Public Health Curriculum Outline

- Accomplishments in public health
- Public health disciplines
- National initiatives
- Quality improvement
- Technical assistance
- Board of health 101

# World Health Organization Definition of Health

- Health is a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity.

– World Health Organization

# What is Public Health?

- The art and science of preventing disease, prolonging life, and promoting health through the organized efforts and informed choices...of society, organizations, public and private, communities, and individuals. The focus of public health is to prevent disease rather than treating it.

– Charles Edward A. Winslow (1920)

# Institute of Medicine Report

- A threat to the health of the public
- A vision of public health in America
- A history of the public health system
- An assessment of the current public health system
- Public health as a problem-solving activity

# Core Functions of Public Health

- Assessment
- Assurance
- Policy development

# Essential Public Health Services

- Monitor health status to identify community health problems
- Diagnose and investigate health problems and health hazards
- Inform, educate, and empower people about health issues
- Mobilize community partnerships to identify and solve health problems



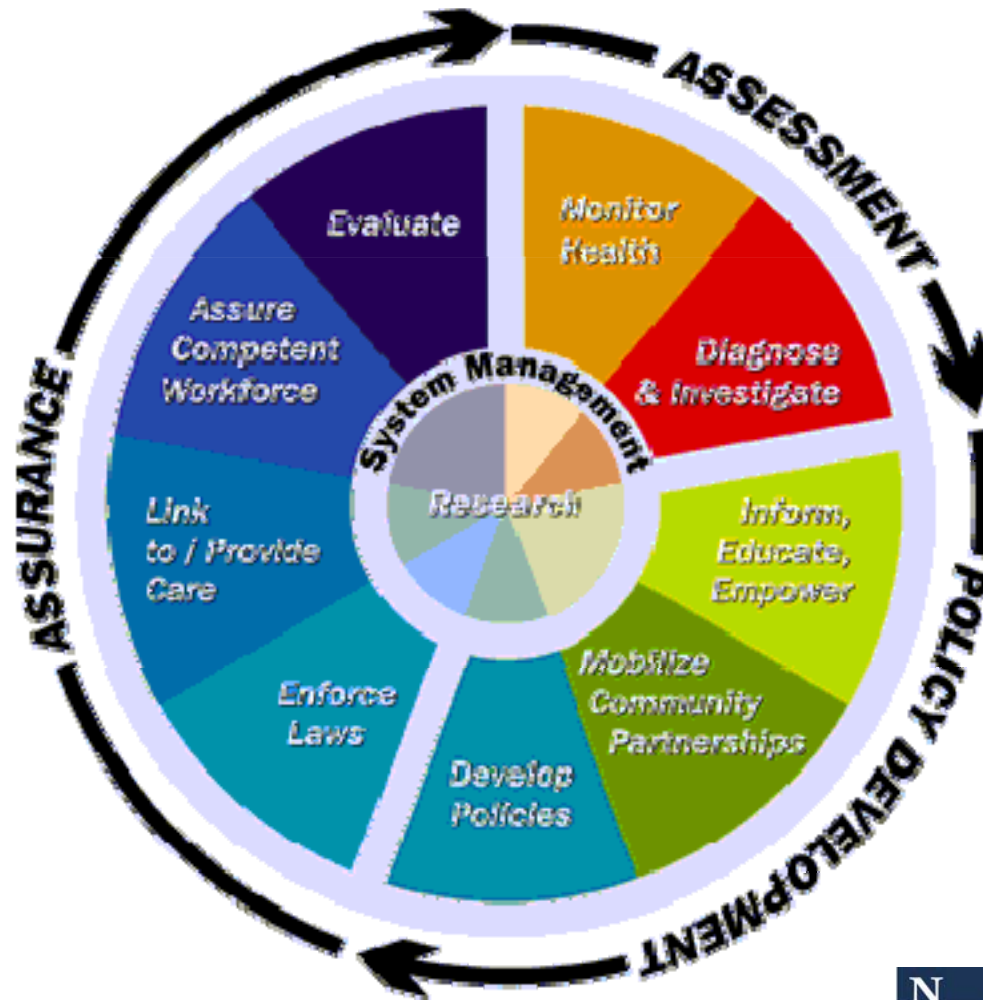
# Essential Public Health Services (cont.)

- Develop policies and plans that support individual and community health efforts
- Enforce laws and regulations that protect health and ensure safety
- Link people to needed person health services and assure the provision of healthcare when otherwise unavailable

# Essential Public Health Services (cont.)

- Assure a competent public and personal healthcare workforce
- Evaluate effectiveness, accessibility, and quality of personal and population-based health service
- Research for new insights and innovative solutions to health problems

# Core Functions & Ten Essential Public Health Services Wheel



# Characteristics

## Clinical Medicine & Public Health

- Clinical Medicine
  - Curative
  - Focus on the individual
  - Decision-making strategies
  - Established evidence-based practices
- Public Health
  - Preventive
  - Focus on the community
  - Decision-making strategies
  - Moving towards evidence-based practices

– European Journal of Public Health

# Accomplishments in Public Health Over the Past 100 Years

- Vaccines and the eradication of smallpox
- Automotive safety
- Environmental health
- Infectious disease control
- Cancer
- Cardiovascular disease
- Safer and healthier foods
- Advances in maternal and child health
- Oral health
- Addiction
- U.S. public health infrastructure
  - Milestones in Public Health, Pfizer Global Pharmaceuticals

# Accomplishments in Public Health

- A walk down memory lane: History
  - Case study: A story
  - Vignette: A picture
  - Back to the future: Where do we want to go?
- 
- Milestones in Public Health, Pfizer Global Pharmaceuticals

# Accomplishments in Public Health

- Vaccines and the Eradication of Smallpox
  1. Where does the word come from?
  2. Eradication of smallpox
  3. Hib vaccine
  4. Advances in vaccine research
- Automotive Safety
  1. The Highway Safety Act
  2. Development of seat belts
  3. Air bags
  4. Advances in automobile manufacturing

# Accomplishments in Public Health

- Environmental Health

1. Earth Day
2. Lead poisoning
3. Asbestos
4. Asthma

- Infectious Disease Control

1. Vaccine-preventable diseases
2. HIV/AIDS
3. Development of penicillin
4. Antibiotic resistance



# Accomplishments in Public Health

- Cancer
  1. Overgrowth of cellular tissue
  2. Screening tools for cancer detection
  3. Skin cancer and sunblock/SPF products
  4. Genomic research and medicine
- Cardiovascular Disease
  1. Cardiology
  2. Risk assessment
  3. Statins
  4. Obesity in young populations

# Accomplishments in Public Health

- Safer and Healthier Foods

1. Processed foods
2. E. coli outbreak
3. Nutrition labeling
4. Ensuring a safe food supply

- Advances in Maternal and Child Health

1. One of the greatest public health achievements of the 20th Century
2. Folic acid
3. Amniocentesis
4. Genetic screening

# Accomplishments in Public Health

## – Oral Health

1. Milestones in dental innovations
2. Fluoridation
3. Dental sealants
4. Still a neglected epidemic

## – Addiction

1. Does not discriminate
2. Tobacco
3. Mothers Against Drunk Driving
4. Fighting addiction in young women

# Accomplishments in Public Health

- U.S. Public Health Infrastructure
  - Rise of health departments
  - Creation of Centers for Disease Control
  - Surgeon General's Report of 1964
  - Public health, a 21<sup>st</sup> century perspective

# Public Health Disciplines

- Community health
- Epidemiology and biostatistics
- Environmental health/occupational health
- Health policy and administration
  - Definitions
  - Academic curriculum

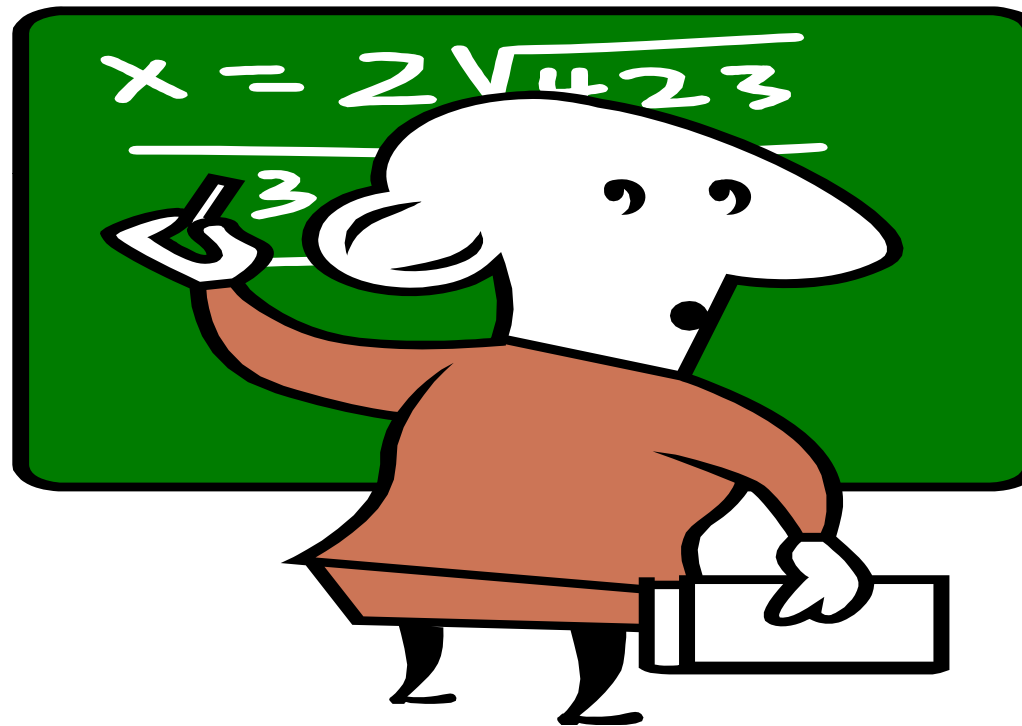
# Public Health Disciplines

## Community Health



# Public Health Disciplines

## Epidemiology and Biostatistics



# Public Health Disciplines

## Environmental Health





# Public Health Disciplines

## Health Policy and Administration



# National Initiatives

- Healthy People (DHHS)
- National Public Health Performance Standards Program (CDC)
- Operational Definition of a Local Health Department (NACCHO)
- Public Health Accreditation (PHAB)
- Definition for Quality and Quality Improvement (DHHS and PHF)

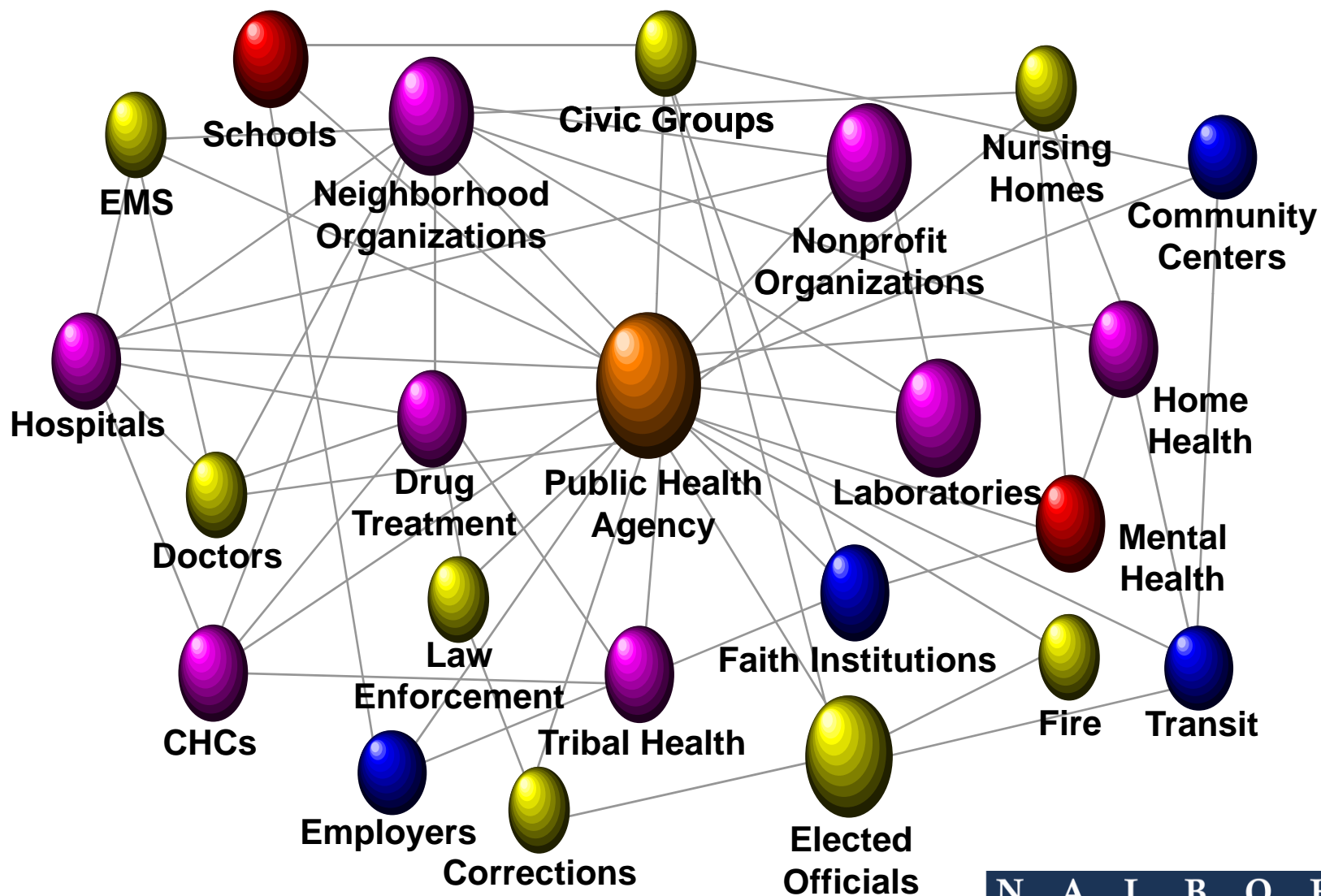
# Healthy People

- Healthy People 2000
- Healthy People 2010
- Healthy People 2020

# National Public Health Performance Standards Program

- The National Public Health Performance Standards is a standardized tool used to measure infrastructure and capacity of a public health system, jurisdiction, and/or a governing body
- It is a systematic way of collecting and analyzing data to assist public health systems in developing a benchmark for public health activities

# What is a Public Health System?



# Operational Definition of a Functional Local Health Department

- The [Operational Definition of a Functional Local Health Department](#) defines what people in any community can reasonably expect from their local health department (LHD), and it serves as the framework for LHD standards in the voluntary national accreditation program that is under development. [www.naccho.org](http://www.naccho.org)
  - National Association of County and City Health Officials

# Public Health Accreditation

- What is PHAB?
  - PHAB is a nonprofit, **voluntary** accreditation organization whose goal is to advance public health performance by providing a national framework of standards for **local, state, territorial,** and **tribal** health departments.
  
  - Public Health Accreditation Board

# Continuous Quality Improvement

- Quality in public health is the degree to which policies, programs, services, and research for the population increase desired health outcomes and conditions in which the population can be healthy.
  - <http://www.hhs.gov/ophs/initiatives/quality/quality/phqf-consensus-statement.html>
  - [www.phf.org](http://www.phf.org)



# Governance 101

- BOH: Statutory authority
- Types of governing entities and roles and responsibilities

## Post-Test

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# Post-Test

Name three national initiatives

A. \_\_\_\_\_

B. \_\_\_\_\_

C. \_\_\_\_\_

# Post-Test

Name the three main types of boards of health

A. \_\_\_\_\_

B. \_\_\_\_\_

C. \_\_\_\_\_

# Technical Assistance and Additional Information

For technical assistance and additional information please contact the following resources:

- NALBOH website for extended public health curriculum and modules [www.nalboh.org](http://www.nalboh.org)
- Upcoming board of health training modules
- Education and training program
  - Jeff Neistadt, Director of Education and Training  
[jeff@nalboh.org](mailto:jeff@nalboh.org)
  - Yolanda Savage, Project Director Performance and Accreditation  
[yolanda@nalboh.org](mailto:yolanda@nalboh.org)



# Thank You

