



# **Terrorism Preparedness and Response Update: Education and Training**

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**Secretary's Council on Public Health Preparedness  
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# Education and Training

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## Overview

- **Education and Training Program Goals**
- **Training Targets**
- **FY2003/2004 Federal Funding Review**
- **What's been done**
  - State and local level
  - Federal level
  - New focus on the CPHPs
- **Next Steps – Call to Action**





# Education and Training

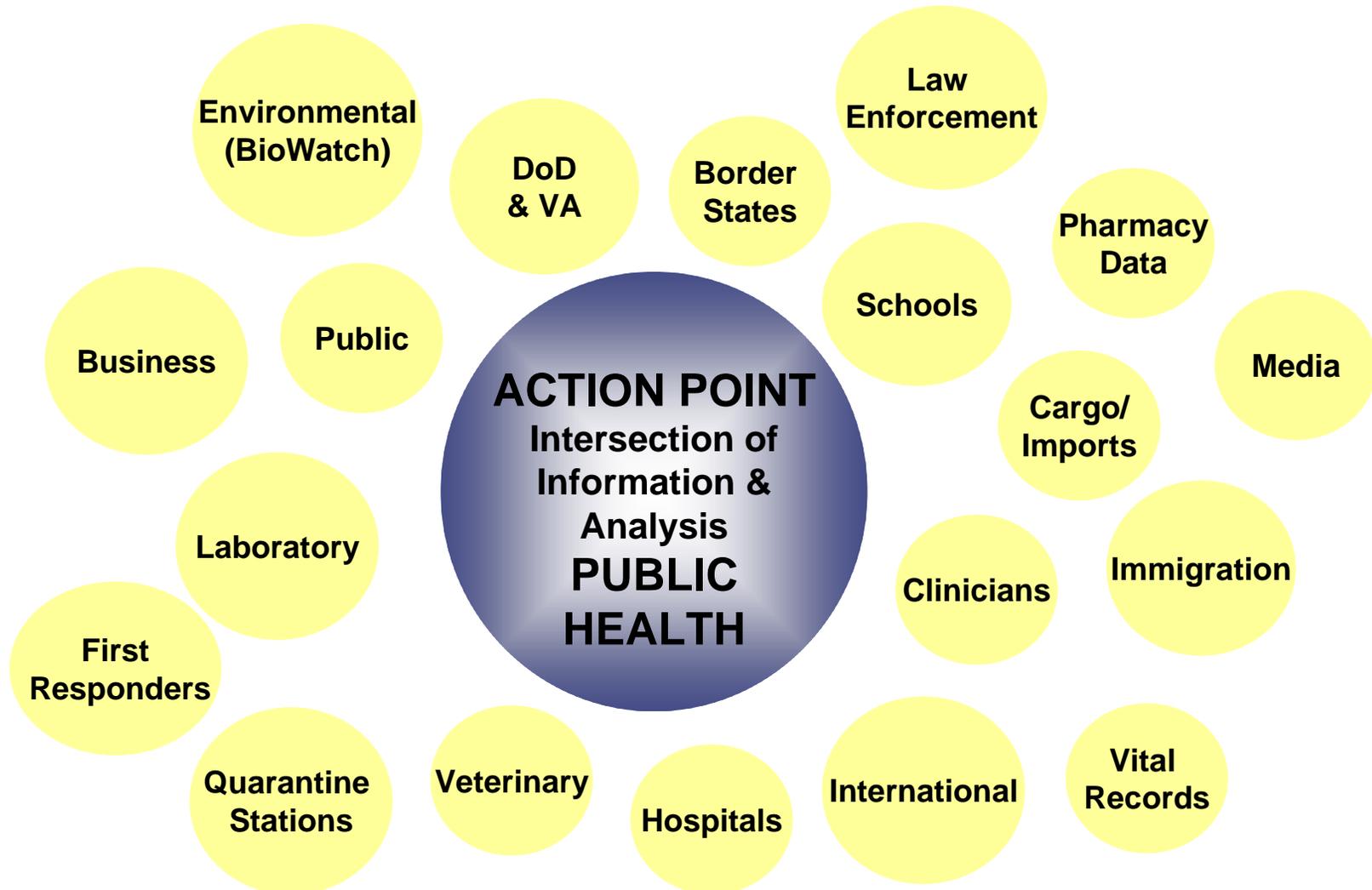
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## *Education and Training Program Goals*

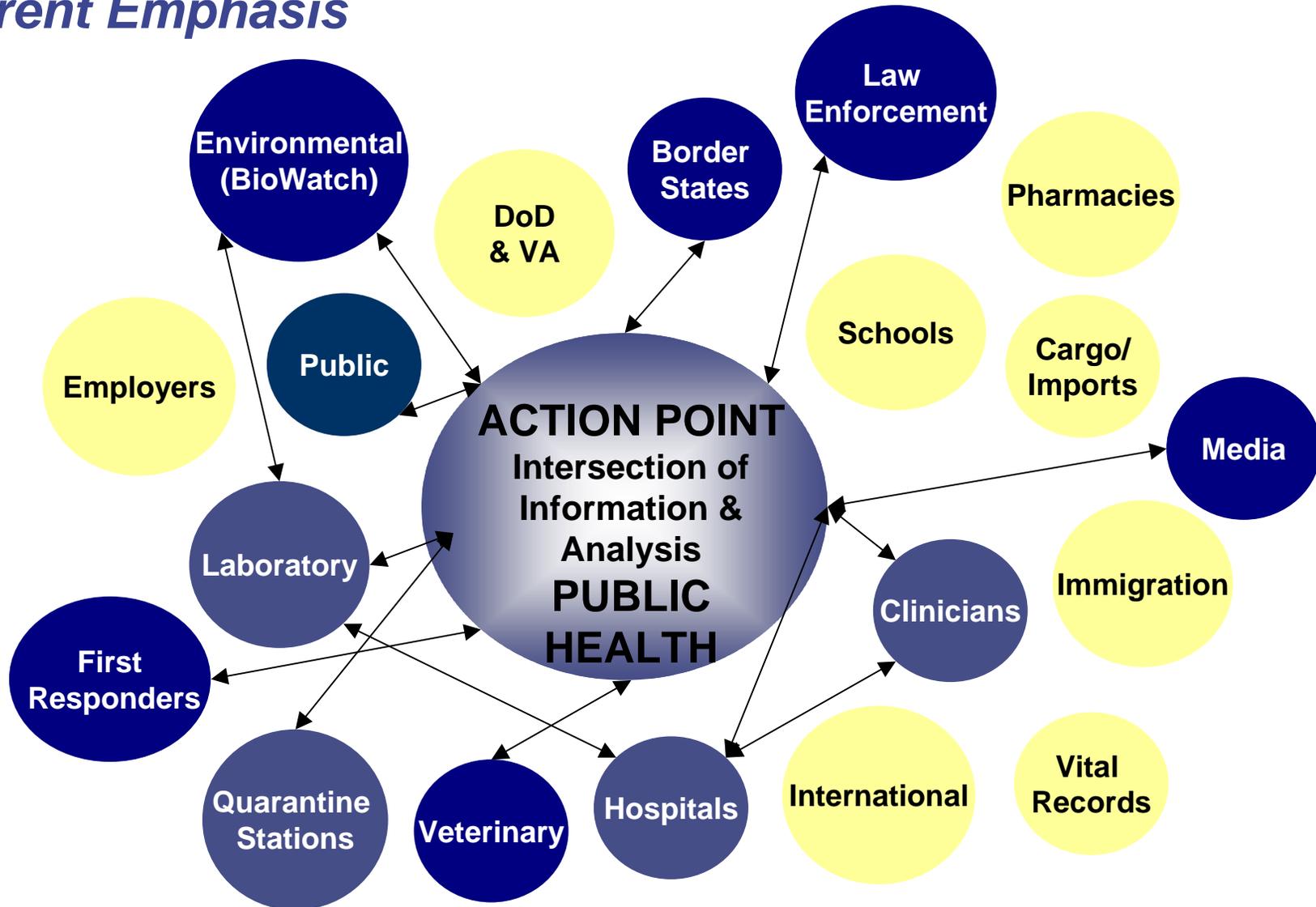
- **Improve the quality and quantity of the public health “preparedness and response” workforce**
- **Build strong relationships between the academic and practice partners**
- **Build on the excellent work already complete or underway**
- **Support and nurture flexibility**
- **Drive toward standards-based programs**
- **Assure ongoing funding is based on performance, is efficiently applied to avoid duplicative efforts, and supports long-term sustainable programs**



## *Desired Training Targets*



## Current Emphasis





# Education and Training

## *Federal Funding*

Department	Funds Available	Program	% Dedicated to Training
DHS	03 - \$1.5 B to states 04 - \$2.9 B	First Responder/ Critical Infrastructure	44%
DHS	03 - \$566 M to states	State Domestic Preparedness	48%
DHS	03 - \$600 M to 30 cities 04 - \$675 M	Urban Area Security Initiative	81%
DHS	03 - \$245 M to states and local	Port Security	Training, Equip., Planning, Security





# Education and Training

## Federal Funding

Department	Funds Available	Program	% Dedicated to Training
DHS	03 - \$65 M to states (20 highest risk transit systems)  04 - \$50 M	Mass Transit Security	Training, Equip., Planning, Exercises
DHS	03 - \$165 M to states	Emergency Management Performance	All hazards preparedness
DHS	03 - \$248,375 to each state	Pre-disaster Mitigation Program	Mitigation Planning
DHS	03 - \$19 M to states	Community Emergency Response Teams	100 %





# Education and Training

## *Federal Funding*

Department	Funds Available	Program	% Dedicated to Training
DHHS (CDC, HRSA)	03 - \$1.37 B to states and 4 cities 04 – Level funding	Public Health Preparedness and Hospital Preparedness	CDC – ~25% HRSA - __%





## Education and Training

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### *State and Local Progress*

- **52% (7/03) of grantees completed their educational needs assessments**
- **98% of grantees have systems in place to provide education and training to medical doctors, front-line clinicians and nurses with diagnostic information for anthrax, smallpox, plague**
- **76% of grantee provided front-line clinicians with diagnostic information for chemical, radiological, nuclear**

Thousands of medical and non-medical responders are being trained annually to rapidly detect, diagnose, respond, control and contain public health emergencies





# Education and Training

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## *State and Local Progress – What’s being taught?*

- **Bioterrorism and infectious disease basics**
- **Smallpox clinical signs and symptoms and outbreak response**
- **Laboratory diagnostic techniques**
- **Community-wide disease detection/surveillance**
- **Terrorism preparedness and response basics / all hazards CBRNe**
- **Risk/crisis communication basics**
- **Incident command/emergency management**
- **Receipt and dispensing of antibiotics, vaccine (SNS materiel)**
- **Psychosocial consequences of terrorism events**
- **Leadership training**
- **Food safety and security**
- **Worker safety**

Over 2,000 programs have been developed by grantees





# Education and Training

## *CDC Progress*

- **331 educational programs delivered**

- 43% biological agents
- 14.2% planning
- 3.6% chemical agents
- 2.5% radiological agents
- 5.3% trauma
- 4.9% communication
- 9.8% occupational health and safety
- 4.2% early detection
- 12.5% other

Training delivered via classroom, videoconference, web-based, audio, self-study – over 5.9 million trained to date

CDC in collaboration with DoJ has trained over 5,000 responders via the Forensic Epidemiology Training Program





## Education and Training

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### *Centers for Public Health Preparedness (CPHP)*

- **23 Schools of Public Health (was 4 in 2000)**
- **13 additional Schools of Medicine, Veterinary Sciences, Nursing Schools**
- **\$ 30 M annual investment**
- **238 education programs delivered in 2003**
- **Success dependent on linkage with state and local health agencies**





# Education and Training

## *Centers for Public Health Preparedness (CPHP)*

- **Summary of Reverse Site Visits (March 2004)**
  - 21 CPHPs (93 staff) presented in a half-day format in Atlanta
  - Goals
    - Describe progress to date
    - Identify common themes, success, challenges
    - Provide input to CDC into future directions – inform the RFA being developed
  - Major Outcomes
    - Ties between state and local public health agencies to CPHPs becoming stronger
    - Wide range of specialty areas evolving (forensic epidemiology to food safety)
    - Certificate programs and special MPH degrees with emphasis on emergency preparedness offered
    - Core competencies used as a starting point but modification in their use is needed
    - Standards-based curriculum is needed
    - Credentialing programs (i.e., Public Health Project in 13 lhus) being investigated





# Education and Training

## *Centers for Public Health Preparedness (CPHP)*

### ■ RFA Summary

#### ● Goals

- Build and sustain a ready public health workforce
- Strengthen state and local preparedness and response
- Develop a national network of academic-based programs contributing to national public health readiness

- All accredited schools of public health can apply
- Applications due June 15 – Awards by September 1, 2004
- Must submit strong evidence of state and local support

### ■ Role of ASPH

- Critical partner working with CDC and the CPHPs
- Vital role in helping CDC manage the network of CPHPs
- Key convener
- Represent the CPHP members/access to the Deans





# Education and Training

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## *Next Steps / Call to Action*

- **Institutionalize the CPHPs**
- **Issue new grant guidance to state and local health agencies – new state/local grant in 2005**
- **Need leadership/direction from the Council to:**
  - Improve coordination with homeland security education and training efforts
  - Develop standard-based training programs
  - Measure the impact of training
  - Determine long-term funding needed to sustain a public health preparedness and response education and training program
  - Rebuild the public health workforce to assure national readiness to respond to, contain, and recover from public health emergencies





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# Discussion

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