Public Health Workforce Training & Education Data: Improving Access for Researchers through TRAIN

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Faculty Disclosure

- No relevant financial relationships during the past 12 months to disclose
- Certify that the information provided is accurate to the best of our knowledge
- We have read and agree to comply with the Faculty Guidelines and understand the difference between certified CE Activities and FDA regulated commercial speaker programs

Educational Need/Practice Gap

- There exists a need for additional data on the public health workforce
- Through TRAIN, Public Health Foundation (PHF), with funding from Robert Wood Johnson Foundation and assistance from the University of Kentucky College of Public Health, developed datasets on the public health workforce

Learning Objectives

- Demonstrate how the TRAIN learning management system expands access to high-quality public health education and provides data on the training of the public health workforce
- Show information about the TRAIN Data Dictionary, tailored datasets, and additional available data options in TRAIN
- Describe how to obtain access to the TRAIN datasets and request additional data from TRAIN

Expected Outcomes

- It is anticipated that researchers will be able to assess the relationship between the TRAIN learning management system and data on the public health workforce

- In addition, participants in this session will be able to access the Data Use Agreement (DUA), TRAIN Data Dictionary, three tailored TRAIN datasets, and individualized datasets

History of TRAIN

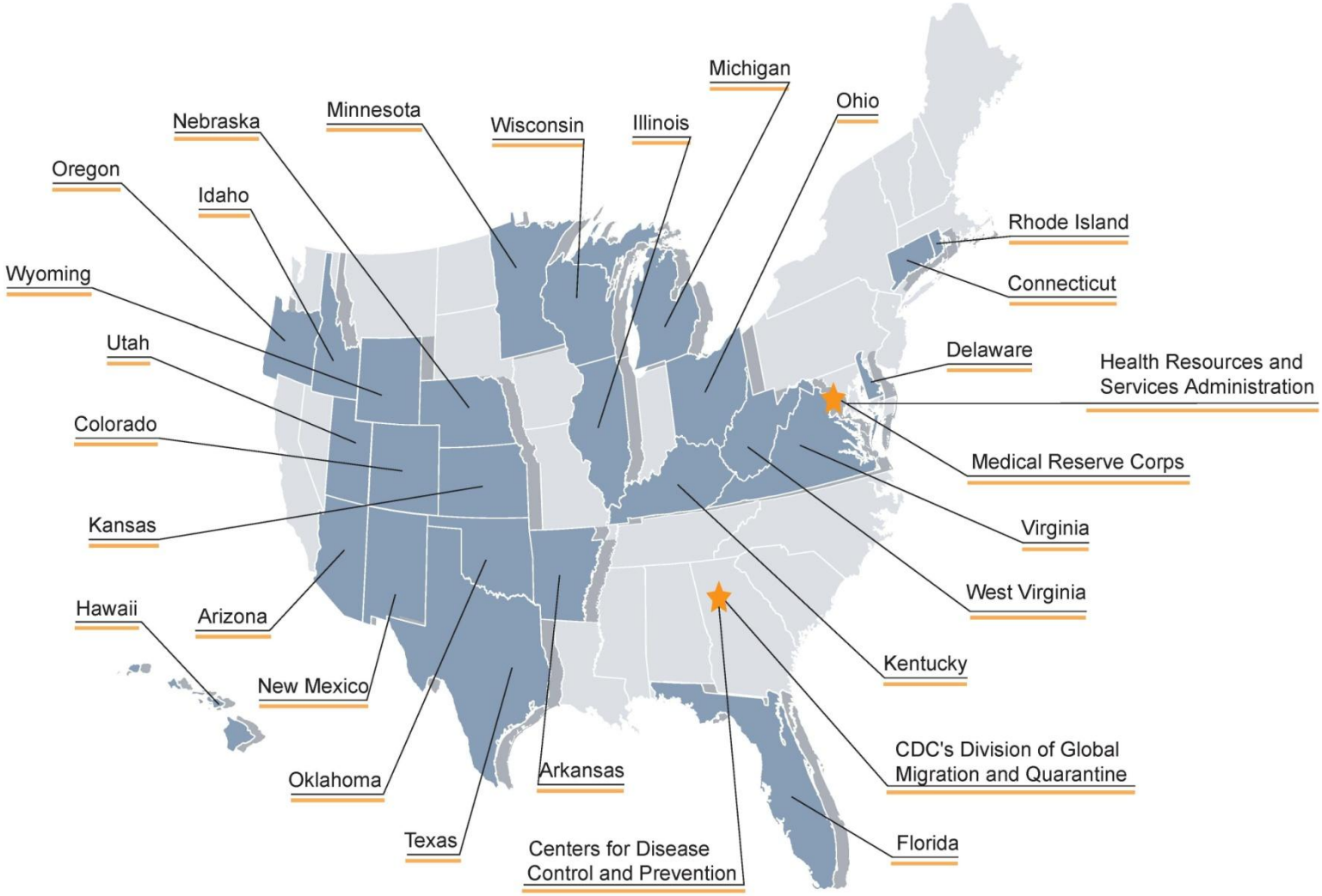
- Developed in 2003 in response to state requests for training that would efficiently prepare workers and track training for emergencies
- Permits and promotes sharing and learning across states through one system
  - Over 40 states and 400 health professionals involved in planning
- Improved with investments from many affiliates
  - Affiliates are: agencies and organizations who have funded the development of a customized portal

TRAIN is…

- A web-based tool for public health preparedness-related training
- Established as the most comprehensive distance learning clearinghouse for public health professionals
  - Database of over 29,000 courses; over 4,000 course providers; over 650,000 registered learners
  - 25 states and 4 national organizations make up the TRAIN Community
- TRAIN provides the sole cross-jurisdictional source of data on the public health workforce

- TRAIN offers several training delivery methods:
  - Online (web-based courses: webcasts, webinars, self-study, etc.)
  - Live Event (classroom-based courses: conferences, exercises, classes, live webcasts, etc.)
  - Physical Carrier (CDs, DVDs, computer-based trainings, etc.)
- Allows Course Providers to post learning content for a wide array of audiences (or to narrow down to specific audiences)
- Features a dynamic search engine for training

TRAIN Affiliates



Current Competencies on TRAIN

- Public Health Core Competencies
- Public Health Preparedness and Response Core Competency Model
- Public Health Preparedness Capabilities
- Medical Reserve Corps Competencies

TRAIN Tracks Data on…

- Learners
- Courses
- Course Registrations

TRAIN Data Sets

- There are three tailored datasets…
  - Demographics on TRAIN Learners
  - Information on TRAIN Courses and Competencies
  - TRAIN Courses by Competencies and Professional Roles
- Researchers can also request data outside of the tailored datasets

TRAIN Data Dictionary

This document contains over 200 entries of definitions pertaining to topics such as Course Registrations, Course Attributes, Sessions-Schedule, and Users in relation to using TRAIN.

TRAIN Data Dictionary	TRAIN Data Dictionary	Last Updated: April 20, 2011		
Topic	**Code**	**Definition**	**Options**	**Source**
Course Registrations	Approval Date	The specific day, month and year the particular course was granted consent		Public Health Foundation & University of Kentucky
	Approved By	The person or organization of which granted the course consent		Public Health Foundation & University of Kentucky
	Certificate Type	The name of the certificate being delivered		Public Health Foundation & University of Kentucky
	Completed Date	The day, month and year of which the course registration process was completed.		Public Health Foundation & University of Kentucky
	Course Grade (Percentage)	The numerical standing in the class that is standardized to measure ones comprehension within a subject area. This number is convert to a percent (out of a 100). Ex: 93% out of 100%		Public Health Foundation & University of Kentucky
	Course Grade Points	The numerical standing in the class that is standardized to measure ones comprehension within a subject area. This number is the actual total number of points received. Ex 140 points out of a total possible points of 150		Public Health Foundation & University of Kentucky
	Course ID	The specific set of characters (numbers only) that is specific to a particular course.		Public Health Foundation & University of Kentucky
	Course Registration Status	The progression of the course registration process.	In progress/ Withdrawn/ Completed/Approved	Public Health Foundation & University of Kentucky
	Credit Type	The particular type of credit that is recognized by an organization, college or university that a course of studie has been successfully completed.		
	Custom User Information	The reply to the question, which is determined by the Course Provider, requested on the Registration Tab.	There are an unlimited amount of variables for this field	
	Declined By	The person or organization of which did not approve the course registration .		Public Health Foundation & University of Kentucky
	Declined Date	The specific day, month and year the particular course registration was not approved.		Public Health Foundation & University of Kentucky
	Evaluation Complete	The status of the evaluation attached to the course	True/False	
		The numerical standing in the class that is standardized to measure ones comprehension within a subject area		

How to Access TRAIN Data Sets

- Step 1:
  - On TRAIN (www.train.org), view the archived webinar
    - ***Using TRAIN for Research: Your Guide to Using the TRAIN Datasets for Research (Course ID: 1031939)***

(http://www.phf.org/resourcestools/Pages/Using_TRAIN_for_Research_Your_Guide_for_Using_the_TRAIN_Datasets_for_Research_Webinar.aspx)

How to Access TRAIN Data Sets

- Step 2:
  - Review and submit the TRAIN Data Use Agreement to PHF for approval
    - You can download the Data Use Agreement from the webinar or from the PHF website
      - http://www.phf.org/resourcestools/Pages/TRAIN-Data-Use-Agreement-(DUA).aspx
      - training@phf.org or 202-218-4409 (fax)

How to Access TRAIN Data Sets

- Step 3:
  - Once approval is obtained, access the TRAIN datasets via provided instructions

QUESTIONS?

Public Health Foundation

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THANK YOU!