



LOCAL PUBLIC HEALTH
INSTITUTE OF MASSACHUSETTS

Local Public Health Institute of MA

Annual Highlights FY 2022



Boston University School of Public Health

ABOUT LPHI MA

The Local Public Health Institute (LPHI) of Massachusetts is a comprehensive, convenient resource for public health trainings that help build and maintain a skilled local public health workforce. The Institute is funded and supported by the MA Department of Public Health (MDPH) and has been housed at the Boston University School of Public Health since 2010.

Our Mission

To provide and ensure a competent workforce by strengthening and sustaining the capacity of local boards of health to prepare for and respond to public health issues and emergencies and to promote the health of residents of the Commonwealth.

Our Goal

Improve public health and preparedness capabilities and the health of the residents of the commonwealth by creating, implementing, and sustaining workforce development activities for local public health and other health system partners.

Our Objectives

1. Improve the pre- to post-training knowledge, skills, and workplace performance of local public health professionals and other health system partners in each Health and Medical and Coordinating Coalition region of the Commonwealth related to established public health and emergency preparedness competencies and other identified emerging public health threats.
2. Increase student knowledge related to public health competencies.

FY22 OVERVIEW

PARTNERSHIPS

MA Dept. of Public Health

- Office of Learning and Regional Health (OLRH)
- Office of Preparedness and Emergency Management (OPEM)

Training Centres

- New England Public Health Training Centre (NEPHTC)
- School Health Institute for Education and Leadership Development (SHIELD)

Coalition for Local Public Health

- MA Health Officers Association
- Academic Public Health Corps
- MA Association of Public Health Nurses

NEW TRAININGS

- Cyanobacteria and Harmful Algal Blooms
- Essential Measures: A Local Public Health Toolkit for Addressing the Opioid Epidemic

TOP 10 TRAININGS

- Orientation to Local Public Health in Massachusetts
- Hoarding: A Special Housing Topic
- Bed Bugs: A Special Housing Topic
- Tanning Facilities for Regulators and Operators
- Emergency Preparedness in Massachusetts and Local Board of Health Role
- Infectious Disease Case Management
- Dealing with Stress in Disasters: Building Psychological Resilience
- Surveillance of Infectious Diseases
- Food Protection Programs for Regulators
- Housing Programs for Regulators

LPHI TEAM

LPHI welcomed two new staff members



Ojaswini (Wini) Bakshi, MA, MPH
Program Manager



Olivia Stenger
Program Assistant

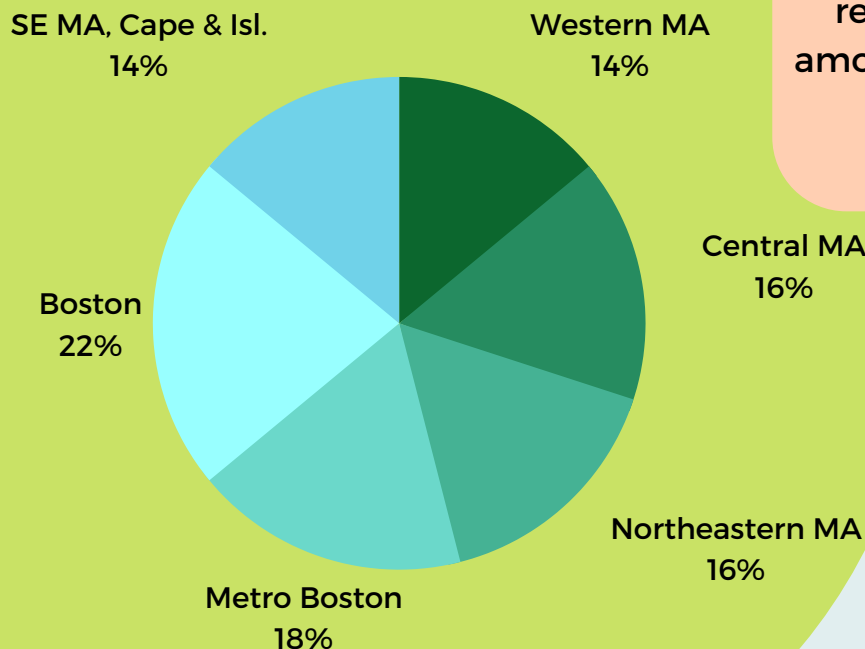
PROFESSIONAL DEVELOPMENT

As a part of their orientation and for general professional development, all LPHI staff attended virtual and in-person trainings, conferences, and workshops.

- **Instructional Design Certificate by ATD**
- **Microlearning Certificate by ATD**
- **Infographics for Health Professionals by Tufts University**
- **Instructional Design software training**
- **Learning Solutions Conference**

TRAINING USER DEMOGRAPHICS

REGION OF USERS



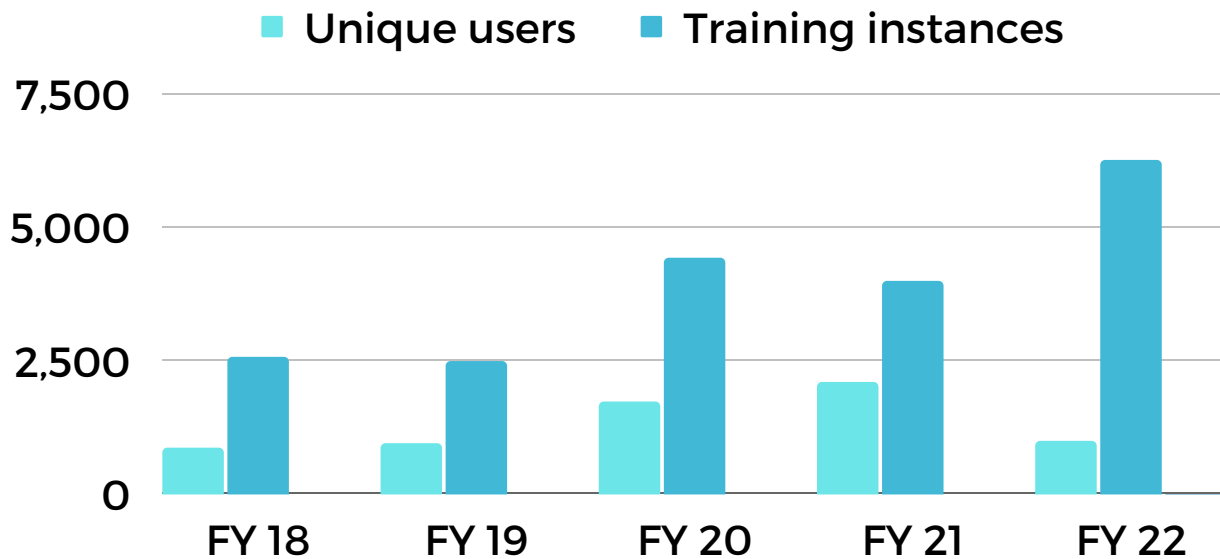
Although differences exist in utilization by region, all regions were represented among LPHI users in FY22 and thus the performance measure was met.

Beyond training local public health practitioners, LPHI plays an essential role in supporting the development of the next generation of public health practitioners by extending training to students.

TOP 5 ROLES OF USERS

- Students
- Nurses
- Environmental/Sanitarian /Inspectors
- Other Public Health Roles
- Other (Business/Non Profits)

UTILIZATION



In FY22, 1000 unique individuals completed one or more of these trainings, and there were 6237 training instances. The number of unique trainees was lower in FY22 than in FY21 and FY20. However, the number of training instances far exceeds those of any year since FY18.



There was an average of 6.2 training instances per unique person. This was higher than the numbers over the past 5 years.

EVALUATION

USER SATISFACTION

75% or more of the completers to date agreed or strongly agreed that:

- The information was presented in ways they could clearly understand,
- They were satisfied with the training overall,
- That the training met the learning objectives.

UNDERSTANDING & APPLICATION

- 75% or more of those who completed self-paced trainings agreed or strongly agreed that their understanding of the subject matter improved as a result of training.
- 75% or more of those who completed self-paced trainings agreed or strongly agreed that they had identified actions to apply the information learned in training to their work.

PRE & POST TESTS

LPHI established a performance measure related to pre and post-tests, specifically that, “At least 75% of workforce training participants who complete pre/post quizzes will experience improvements in knowledge as a result of training.”

Substantial improvements in test scores were achieved for all but one training.

- The range of average scores for the trainings at pre-test was 33% to 72%.
- The range of average scores for the trainings post-test was 86% to 95%.

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