

CDC & APHL Cooperative Agreement OE20-2001 Evaluation Highlight

FOCUS AREA H. QUALITY AND SAFETY SYSTEMS

REPORTING PERIOD: JULY 2022—JUNE 2023

HIGHLIGHTS: BIOSAFETY PREPAREDNESS FOR NON-LABORATORIES TRAINING, MICHIGAN GROUP



In October 2022, the Centers for Disease Control and Prevention (CDC) and the [Association of Public Health Laboratories](#) (APHL) conducted an in-person training for long term care facility staff in Novi, Michigan. The training covered safety principles when implementing point-of-care (POC) testing at non-laboratory testing sites (NLTS) as a result of a needs assessment conducted in 2021 with individuals from public health laboratories (PHLs) and NLTS in Colorado and Michigan to inform the development of the training. The 2022 training evaluation consisted of 2 surveys — a pre- and post-assessment and a follow-up assessment that offered Professional Knowledge for Continuing Education (P.A.C.E.)® credits. Qualitative feedback was collected from training providers in 2023. This report summarizes the effect of the training on participants' knowledge and intent to use learnings, and improvement suggestions from participants and training providers.

RESULTS OF LABORATORY AND NON-LABORATORY NEEDS ASSESSMENT

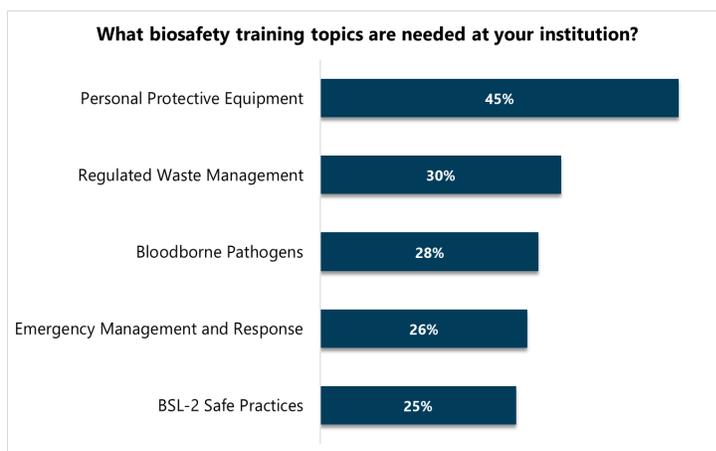
Overall Biosafety Training Needs Identified by PHLs and NLTS



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respondents from PHLs and NLTS in Michigan and Colorado to the needs assessment

The **5 most requested training topics** were Personal Protective Equipment, Regulated Waste Management, Bloodborne Pathogens, Emergency Management and Response, and Biosafety Level-2. (BSL-2) Safe Practices.



RESULTS OF EVALUATION FROM THE MICHIGAN TRAINING GROUP

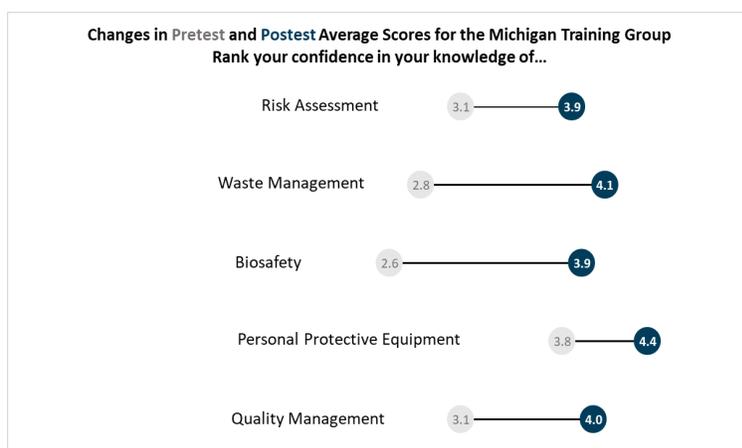
Biosafety Preparedness Training Effect on Knowledge

There were 20 total training participants in Michigan.

Among training survey respondents (pretest: n=14; posttest: n=13), **confidence in their knowledge increased for all topics after the training compared to before the training.**

The greatest improvements in their confidence in their knowledge were on the topics of **waste management** and **biosafety**.

"I like the slides about what PPE to use for Spec. [specimen] collection, test processing, and when to disinfect [the] test processing area. I plan to post these in our testing area." - Training Participant



For more information on the OE20-2001 Cooperative Agreement, please visit: www.cdc.gov/csels/dls/funding/announcements/oe20-2001/
For questions, please email DLSEvaluation@cdc.gov.

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention (CDC).

Last Updated 11/2023



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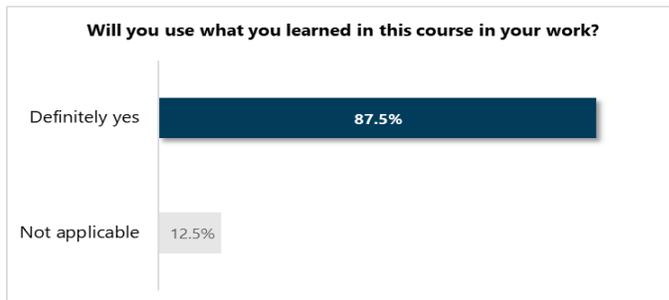
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Biosafety Preparedness Training Intent to Use Learnings

All 20 training participants received the follow-up P.A.C.E.® survey.

87.5% (n=7) of 8 respondents to the follow up survey for P.A.C.E.® credits intended to use what they learned from the course in their work.

One respondent indicated this question did not apply because they did not learn anything new in the course.



Biosafety Preparedness Training Suggestions For Improvement

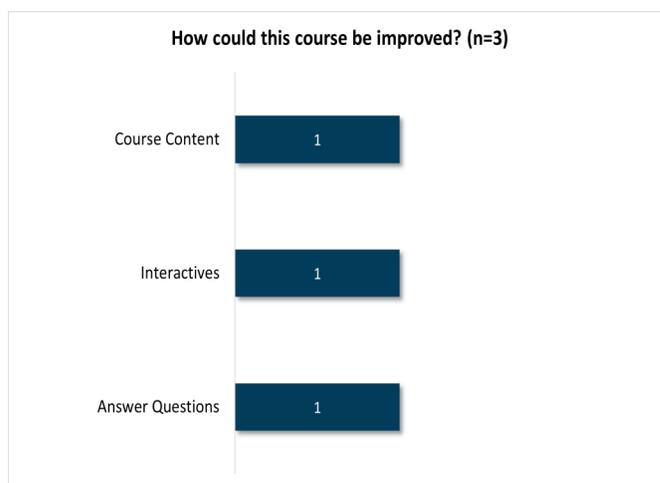
3 respondents out of 8 to the follow up survey for P.A.C.E.® credits offered suggestions to improve the training, including:

- **Adding more visuals.**
- **Having more interactive activities.**
- **Answering questions in greater depth.**

One respondent out of 8 suggested future training topics address challenges with staff buy-in and change management.

"My biggest challenge is getting staff buy in [and] getting people to use the practices taught to them"
- Training Participant

No respondents on the posttest training survey had any suggestions for improvement.



RESULTS OF QUALITATIVE FEEDBACK

Biosafety Preparedness Training Application of Lessons Learned

In 2023, CDC spoke with training provider staff for their perspectives on ways to improve the training. The training providers applied the following lessons learned from the Colorado training session held in June 2022 to Michigan training session held in October 2022.



Expanded the scenarios for the risk assessment exercise



Condensed modules to shorten the length of the training



Assigned the instructors to different groups for more 1:1 technical assistance



Future consideration: Offer continuing education credits other than P.A.C.E.® credits as an incentive for the training

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