



2024 TRAINING NEEDS ASSESSMENT | SUMMARY REPORT

QUALITY AND SAFETY SYSTEMS TRAINING NEEDS

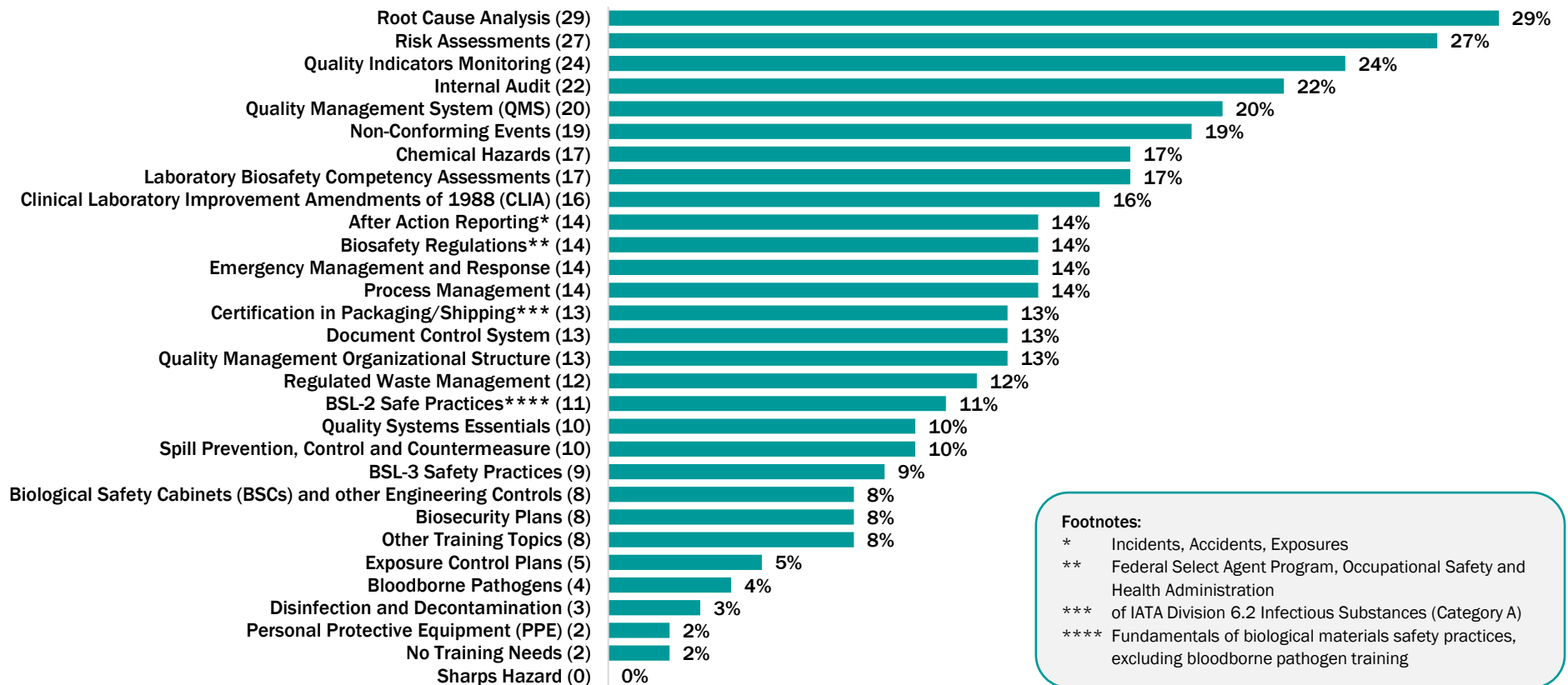
Identifying the needs and best solutions for building technical and scientific skills is essential to understanding opportunities to improve public health laboratory workforce training. The Association of Public Health Laboratories (APHL) uses these data to ensure that training offerings and resources are adapted to address specific gaps in knowledge, skills and competencies—ultimately leading to enhanced performance, professional growth and a resilient public health laboratory workforce.

The APHL Training Needs Assessment solicited responses between May and June 2024. The assessment was a brief, easy-to-complete and anonymous survey, completed by 100 laboratory section leads, supervisors and directors on behalf of their staff, recognizing the challenge of reaching every laboratorian.

100
respondents

Priority of Quality and Safety Systems-related Training Needs

Percent and Number of Respondents



Footnotes:

- * Incidents, Accidents, Exposures
- ** Federal Select Agent Program, Occupational Safety and Health Administration
- *** of IATA Division 6.2 Infectious Substances (Category A)
- **** Fundamentals of biological materials safety practices, excluding bloodborne pathogen training

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Addressing the Most Urgent Quality and Safety Systems Training Needs

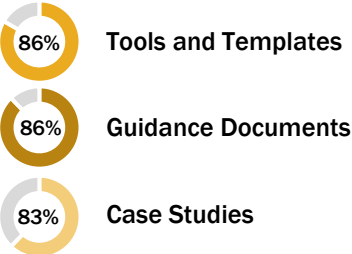
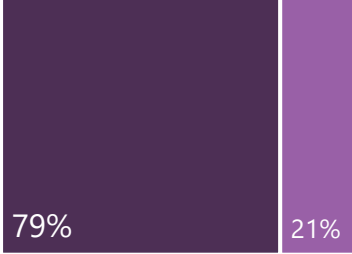
Below are specifics concerning the top-three most urgent training needs: root cause analysis, risk assessments and quality indicators monitoring. Data are presented as percent of respondents and the top three selections for each category.

Availability of Training Materials

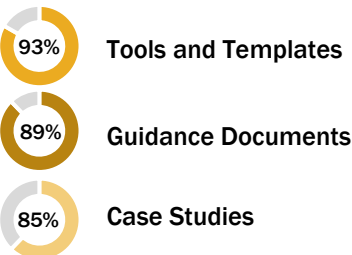
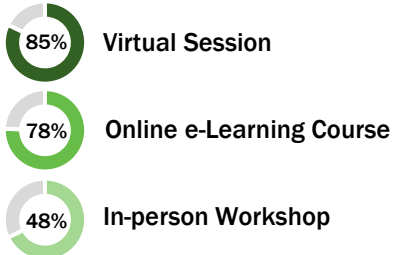
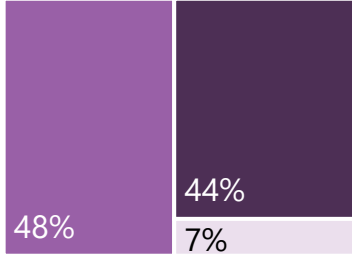
Delivery Method Preferences

Training Materials Preferences

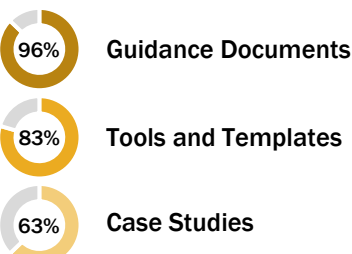
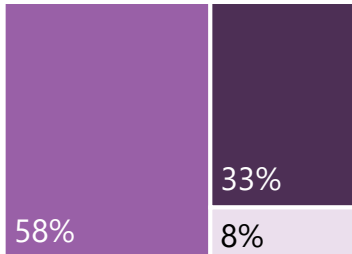
1 Root Cause Analysis



2 Risk Assessments



3 Quality Indicators Monitoring



Materials are available, but insufficient
 Materials are not available
 No response