



Center for Surveillance, Epidemiology, and Laboratory Services



OneLab

A Unified Response to Training Needs

Kickoff Meeting

Feb. 5, 2021



U.S. Department of
Health and Human Services
Centers for Disease
Control and Prevention

Agenda

- Welcome to the Network!
- Introduction to Division of Laboratory Systems (DLS)
- Introduction to OneLab
- Membership snapshot and benefits
- Training Needs Assessment
- Q&A



Welcome to the OneLab Network!



Division of Laboratory Systems

Vision

Exemplary laboratory science and practice advance clinical care, public health, and health equity.

Mission

Improve public health, patient outcomes, and health equity by advancing clinical and public health laboratory quality and safety, data and biorepository science, and workforce competency.



Four Goal Areas



Quality Laboratory Science

- Improve the quality and value of laboratory medicine and biorepository science for better health outcomes and public health surveillance



Highly Competent Laboratory Workforce

- Strengthen the laboratory workforce to support clinical and public health laboratory practice



Safe and Prepared Laboratories

- Enhance the safety and response capabilities of clinical and public health laboratories



Accessible and Usable Laboratory Data

- Increase access and use of laboratory data to support response, surveillance, and patient care

Clinical Laboratory Community

278,000



 Lab Personnel 800,000

HHS/CMS Quality Improvement and Evaluation System (QIES) database, 2020

DLS Strengthens the Laboratory Workforce



Training



Timely technical guidance



Workforce development programs



Partnerships

OneLab Leads



Senia Wilkins

Chief
Training and Workforce
Development Branch,
DLS, Center for
Surveillance,
Epidemiology, and
Laboratory Services
(CSELS), CDC



Kelly Winter

Deputy Chief
Training and Workforce
Development Branch,
DLS, Center for
Surveillance,
Epidemiology, and
Laboratory Services
(CSELS), CDC

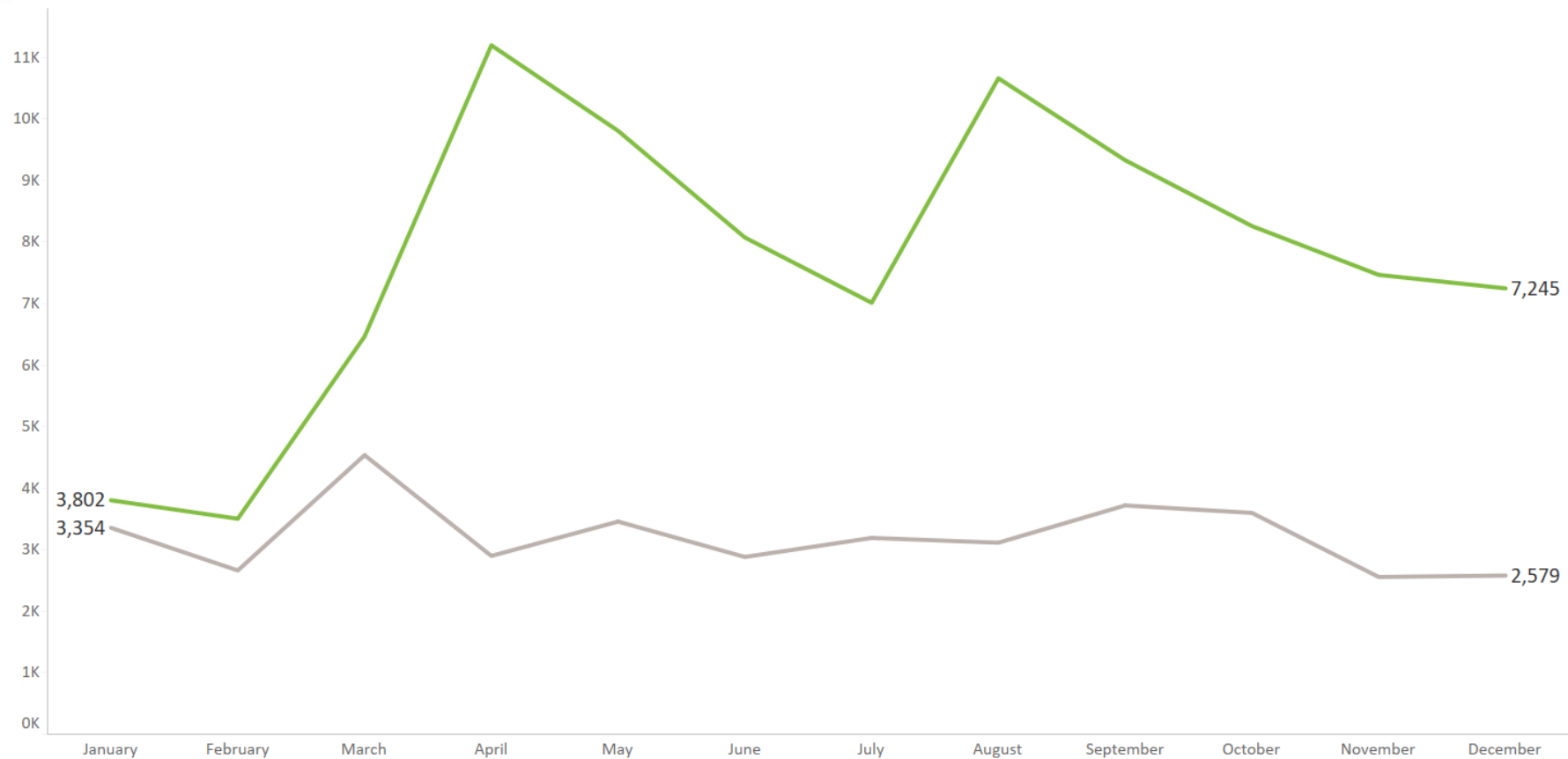


Poll Question

What region are you joining us from today?

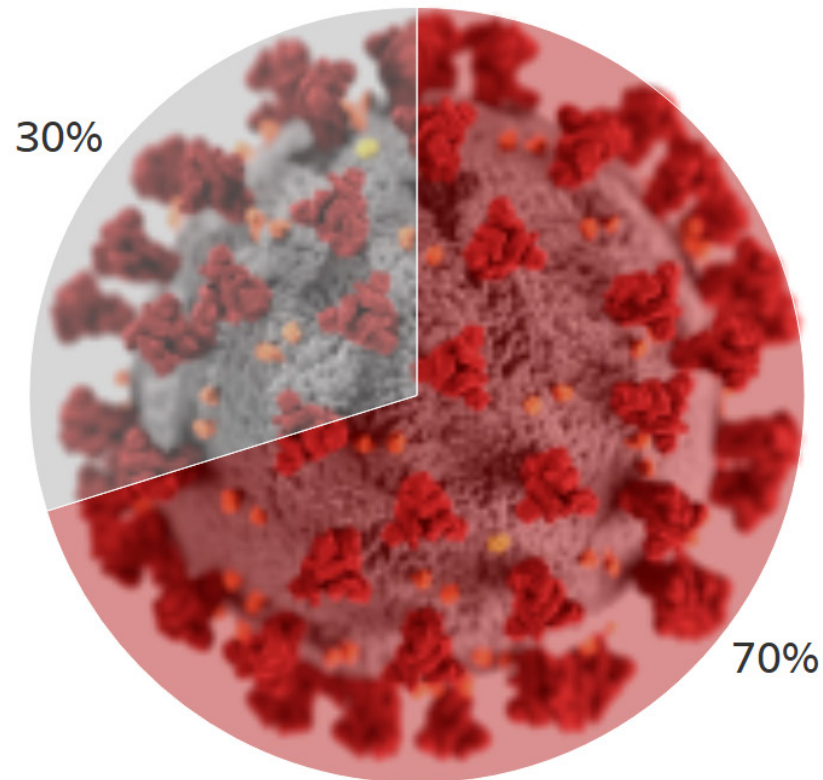
Course registration trends, before vs. during COVID-19

2020 registrations were consistently higher than **2019** registrations in the same time period.



Registration for COVID-19 relevant courses vs. other courses, Jan. 21, 2020 – Jan. 31, 2021

COVID-19 relevant course registrations represent **70%** of all course registrations since the start of the response.



TOTAL COURSES

49

COVID-19 RELEVANT COURSES

14

TOTAL REGISTRATIONS

98,681

COVID-19 RELEVANT COURSES

69,273



INTRODUCTION TO ONELAB



OneLab

A Unified Response To Training Needs

Long-term Goal: To establish a sustainable learning community of clinical laboratories, public health laboratories, and CDC to collectively support rapid, large-scale emergency responses

Strengthening Networks



OneLab

A Unified Response To Training Needs

Short-term Objectives:

- OneLab collaboration network
- Needs assessment and prioritization
- Training development
- Wide-scale dissemination
- Ongoing learning community

OneLab

A Unified Response To Training Needs

Membership

Representatives with responsibility for education and training within clinical laboratory professional organizations (e.g., ASCLS, AACCC), manufacturers, large commercial laboratories, and large hospital systems.

Membership Benefits

- Opportunities to **provide CDC direct feedback** on training needs
- Newly developed and disseminated **education and training resources**, based on outcomes of a training needs assessment
- **Existing CDC resources relevant to COVID-19 response**
- Regular **communication**
- **Facilitated space in which to exchange lessons learned** and better practices for training and workforce development (*format TBD*)

Strategic Goals

- Support workforce competency to address current and emerging needs
- Strengthen knowledge base with workforce research & reviews
- Strengthen interconnection between the clinical and public health laboratory workforces to allow rapid and effective responses to public health emergencies

Outcomes

Creates an environment for learning and collaboration between members

Connection

Connects members with training colleagues from clinical laboratories, public health laboratories, and CDC

Collaboration

Response

Provides members with unified education and training approaches to future emergency situations



ONELAB MEMBERSHIP SNAPSHOT AS OF FEB. 1

Members



Initial call: Representatives with responsibility for education and training within clinical laboratory professional organizations (e.g., ASCLS, AACCC), manufacturers, commercial laboratories, and hospital systems.

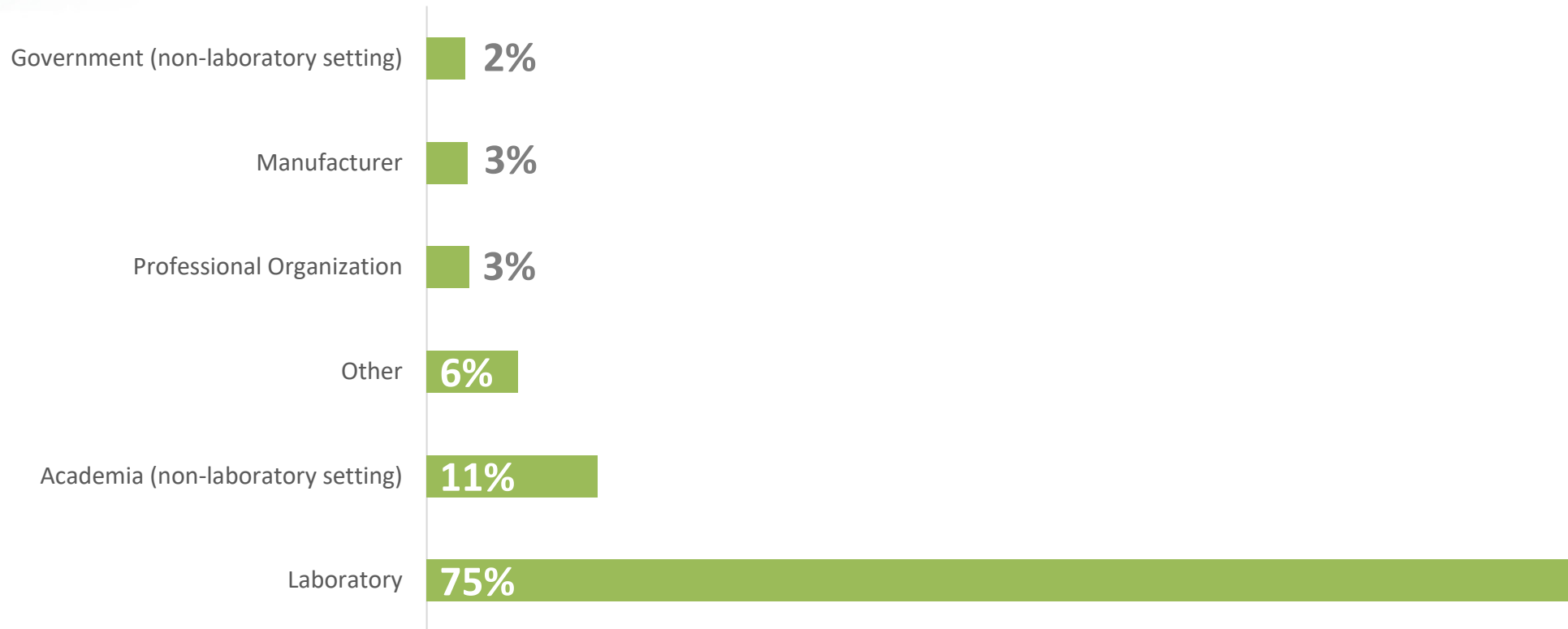


Members as of Feb. 4

1,126

Employment Setting

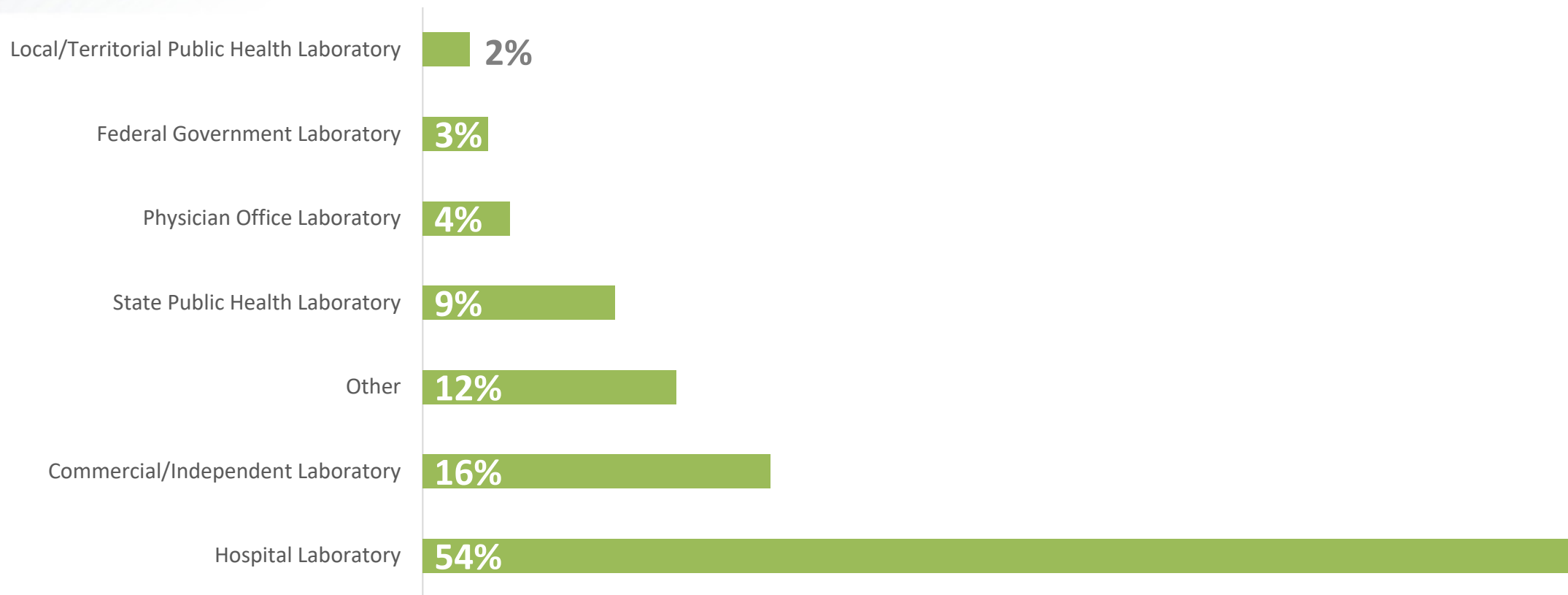
What type of setting do you primarily work in?



Total Respondents: 791

Laboratory Setting

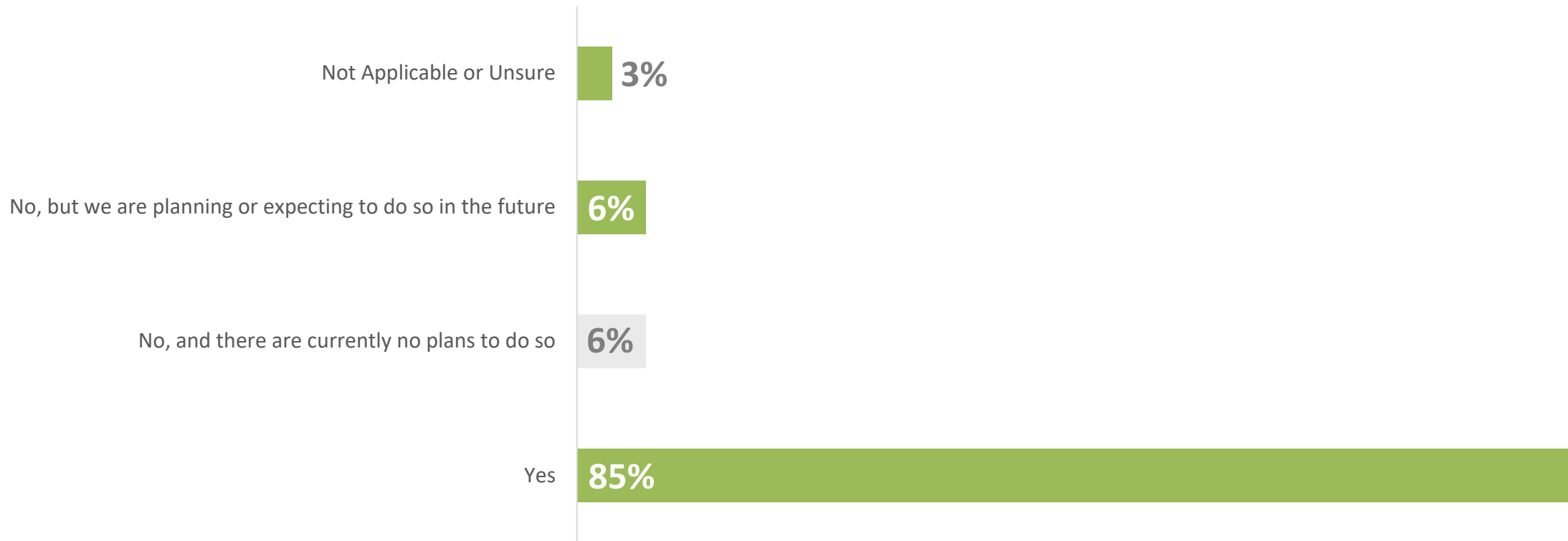
What type of laboratory setting do you primarily work in?



Total Respondents: 591

Involvement in COVID-19 response

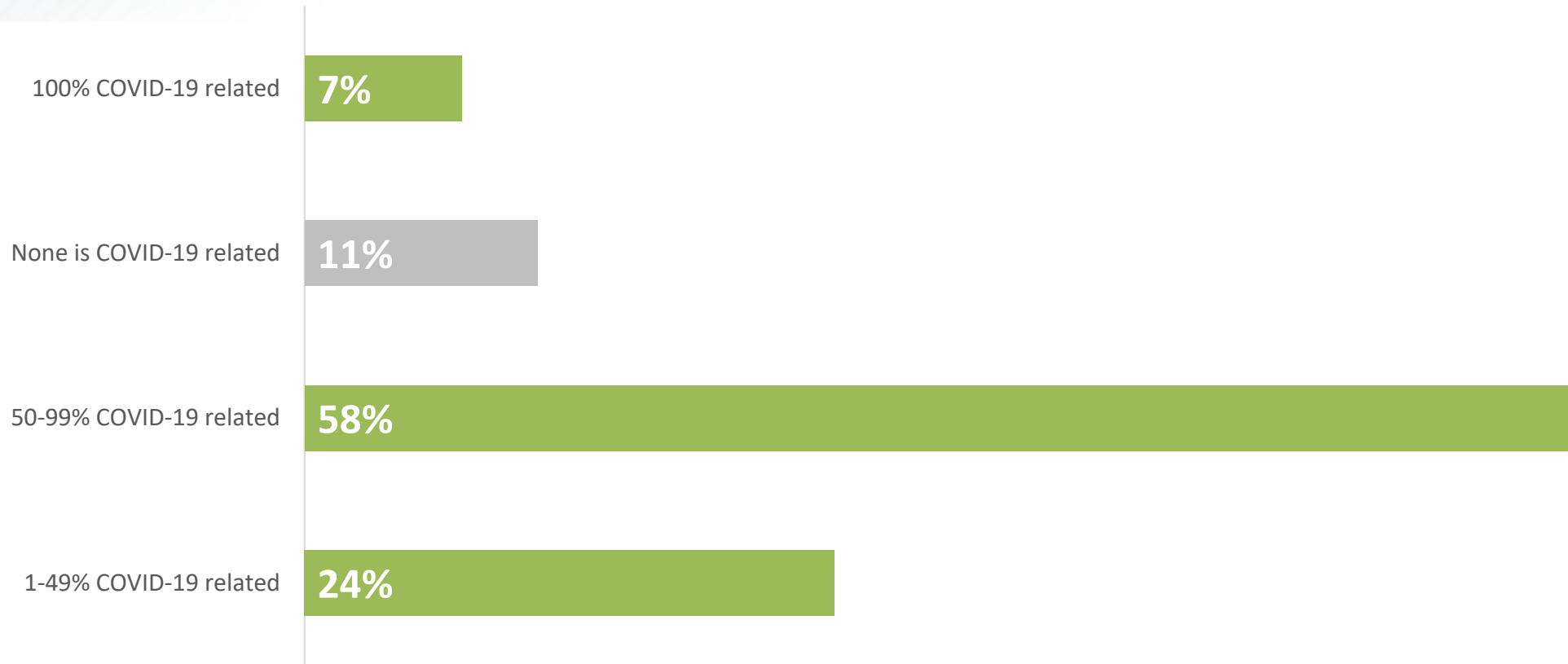
Does your laboratory currently perform COVID-19 testing?



Total Respondents: 590

Involvement in COVID-19 response

What percentage of your current work is focused on COVID-19?



Total Respondents: 815

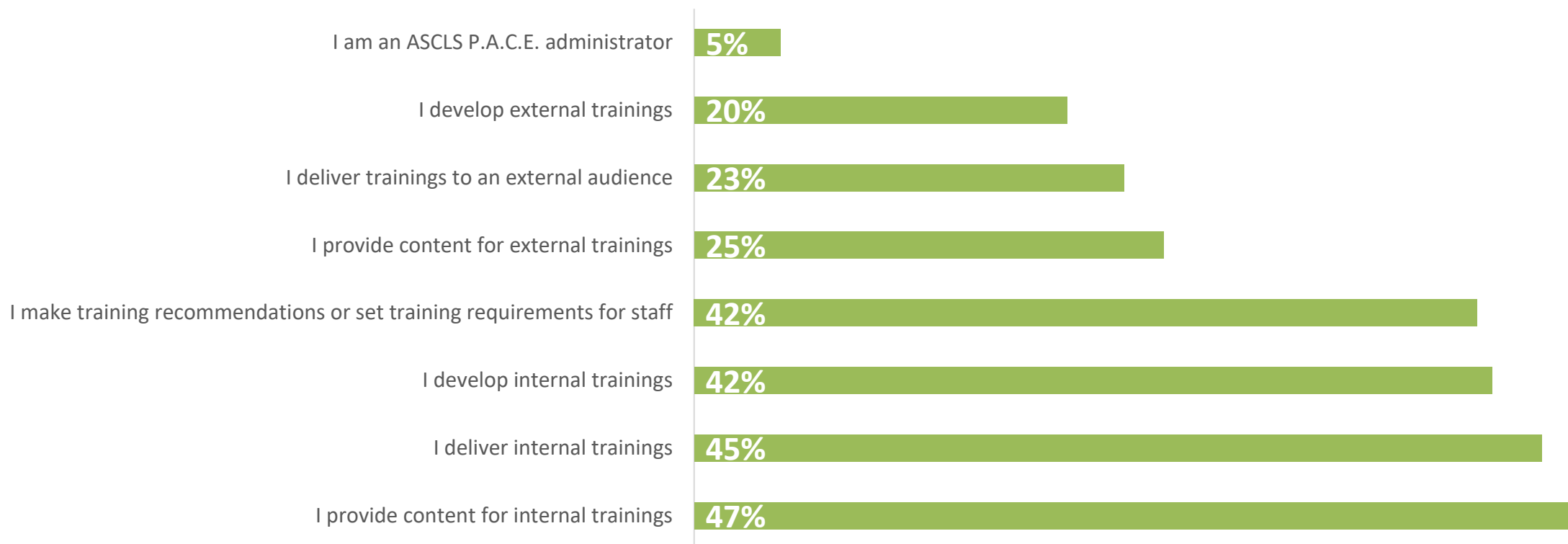


Poll Question

Are any of your work responsibilities related to the COVID-19 pandemic?

Involvement in Training and Continuing Education in Laboratory Work

What is your involvement regarding trainings or continuing education, both internal and external?* Select all that apply.

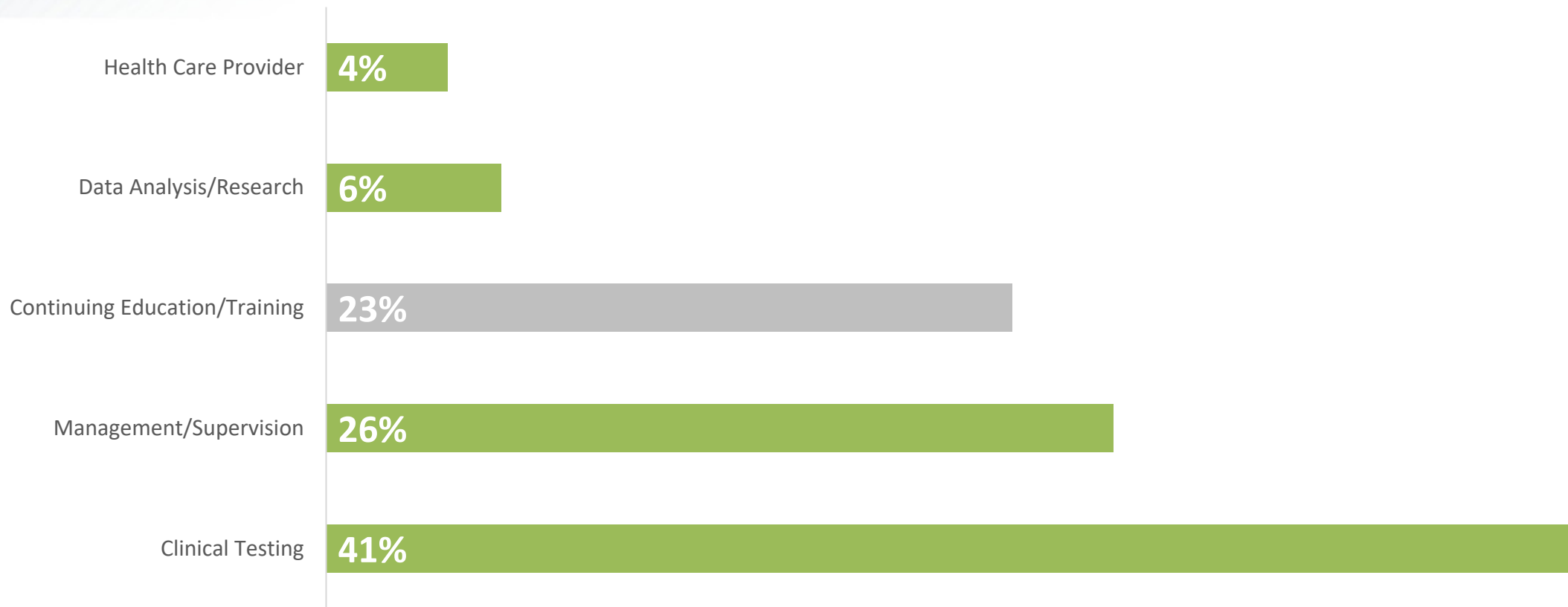


*Internal - occur within your laboratory or organization;
External - occur outside your laboratory or organization

Total Respondents: 762

Primary Role

Which of the following **best describes** your laboratory work? (Select one)



Total Respondents: 812

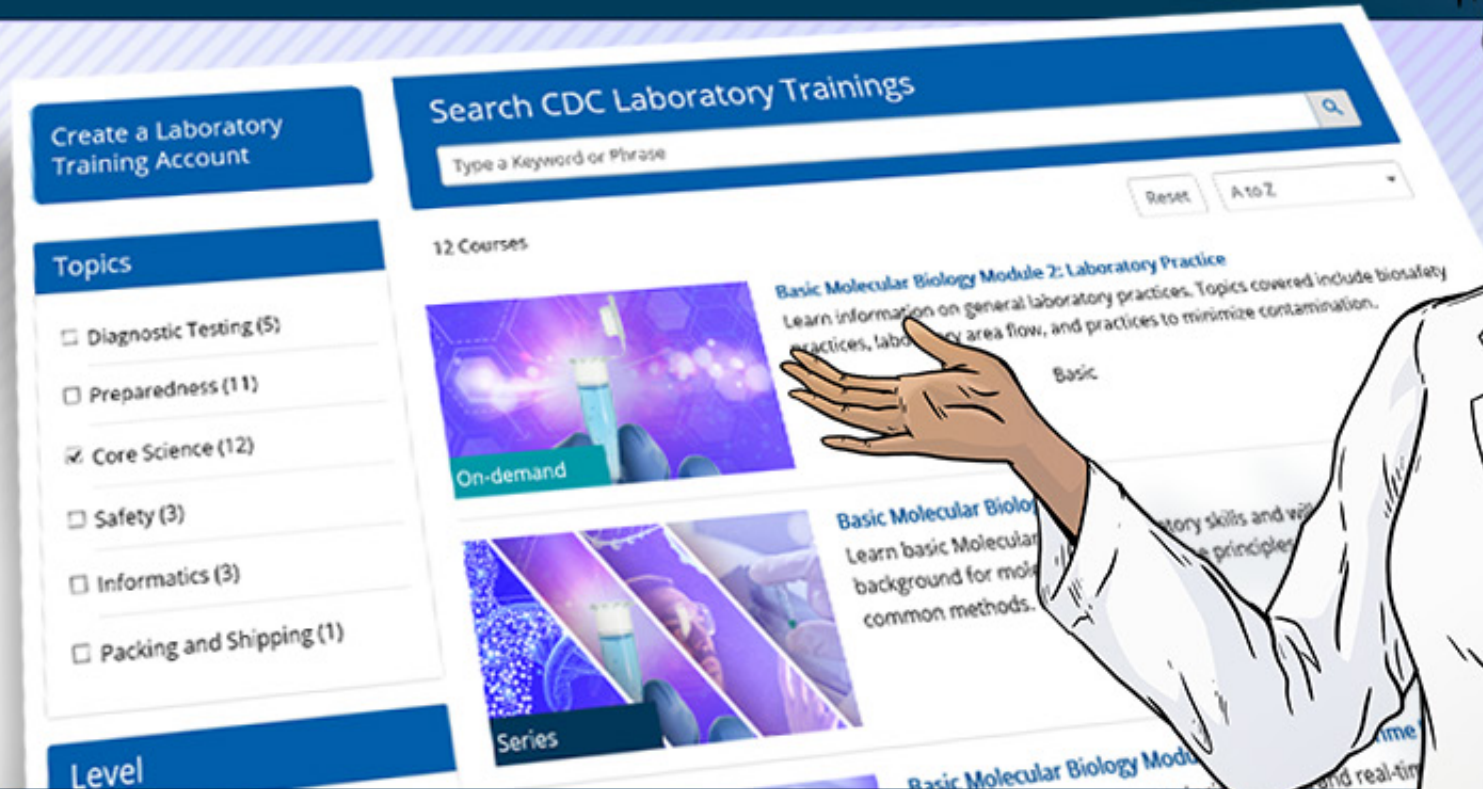
Poll Question

Do you provide education and training resources to the clinical laboratory community?



EXISTING RESOURCES

CDC just made it easier to find the right lab training course for you!



New search tool, active filters, and improved course page layouts

www.cdc.gov/labtraining



PACKING AND SHIPPING DANGEROUS GOODS:

What the Laboratory Staff Must Know





Fundamentals of Personal Protective Equipment





100100

Fundamentals of Working Safely in a Biological Safety Cabinet



COVID-19 Relevant Job Aids

- Job aids posted on DLS Laboratory Training website
 - Brief videos
 - PPE
 - Flu SC2 Multiplex Assay
 - PDF and Word versions that laboratories can tailor



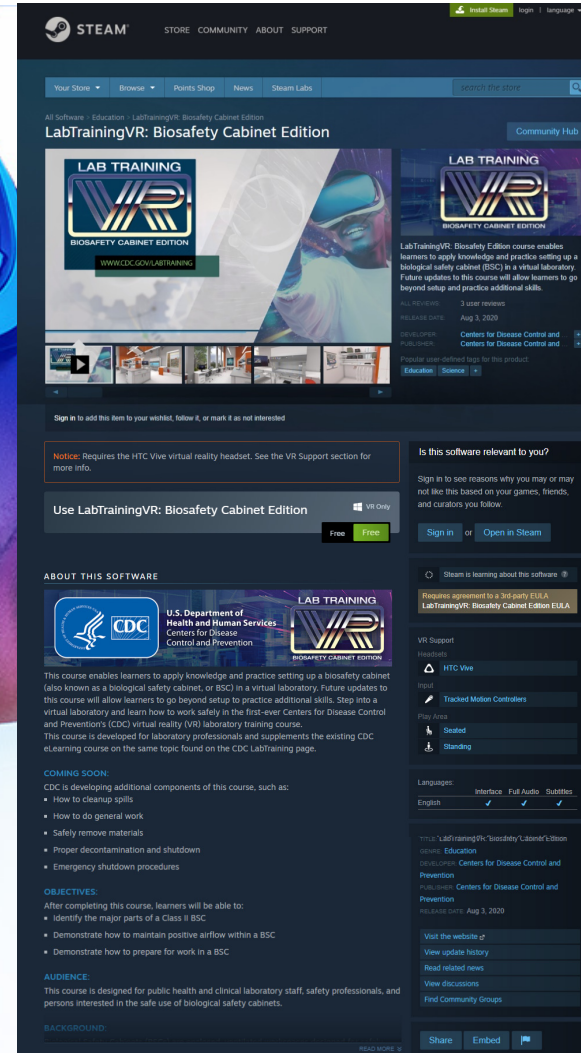
Available Now: Virtual Reality Laboratory Training



Available on
CDC TRAIN
and
 **STEAM**



cdc.gov/labtraining



CDC VR Laboratory Training Website

CDC Laboratory Training

CDC > CDC Laboratory Training



 CDC Laboratory Training

Virtual Reality Laboratory Training

Virtual Reality Laboratory Training Partner Toolkit

External Training Links

FAQs

Continuing Education Units (CEU)

About Us

Contact Us

Virtual Reality Laboratory Training

Public health emergencies demand the availability of diverse and effective distance-based education and training options for public health and clinical laboratory professionals. To keep pace with the evolving training needs, DLS has blended innovative technology and instructional design principles by adding Virtual Reality, or VR, to its laboratory training and workforce development toolbox.

VR offers laboratory professionals the opportunity to apply, assess, and improve their skills in a safe and controlled learning environment. In other words, VR simulations allow learners to make costly mistakes while learning new skills with no real-world consequences.



 [View Transcript](#)  [Low Resolution Video](#)

www.cdc.gov/labtraining/VR.html

VR@cdc.gov

Laboratory eLearning Syndication

Get CDC courses on your own
Learning Management System



cdc.gov/labtraining/syndication.html

Clinical Laboratory COVID-19 Response Calls

<https://www.cdc.gov/csels/dls/preparedlabs/covid-19-clinical-calls.html>

The screenshot shows a web page titled "Prepared Laboratories" with a sub-header "Clinical Laboratory COVID-19 Response Calls". The page features a left-hand navigation menu with categories like "Preparedness Initiatives" and "Outbreak & Response", under which "Clinical Laboratory COVID-19 Response Calls" is selected. A list of months from July 2020 to January 2021 is visible. The main content area is titled "Clinical Laboratory COVID-19 Response Calls - March 2020" and contains text explaining the weekly call's purpose and how to submit questions. Below the text is a video player for the March 30, 2020 call, with a play button, a 0:00:00 timer, and a volume icon. Links for "Transcript »" and "Slides »" are provided below the video player.

Prepared Laboratories

Prepared Laboratories > Outbreak & Response > Clinical Laboratory COVID-19 Response Calls

Prepared Laboratories

Preparedness Initiatives

Outbreak & Response

COVID-19

Clinical Laboratory COVID-19 Response Calls

January 2021

December 2020

November 2020

October 2020

September 2020

August 2020

July 2020

Clinical Laboratory COVID-19 Response Calls - March 2020

CDC's Division of Laboratory Systems (DLS) convenes a weekly call with clinical laboratories to discuss the nation's clinical laboratory response to coronavirus disease (COVID-19). These Clinical Laboratory COVID-19 Response Calls take place every Monday at 3:00 PM EDT. Audio and transcripts are posted to this page after each call.

To submit questions for consideration, email DLSinquiries@cdc.gov in advance or use the question and answer (Q&A) function in Zoom during the call. Because we anticipate a large number of participants on this call, and many questions, we may not be able to directly and immediately address every issue. However, we will note your questions and feedback and tailor the content of future calls accordingly. We want this call to be useful and relevant to your COVID-19 response activities - we are all in this together.

March 30, 2020

0:00:00

[Transcript »](#)

[Slides »](#)

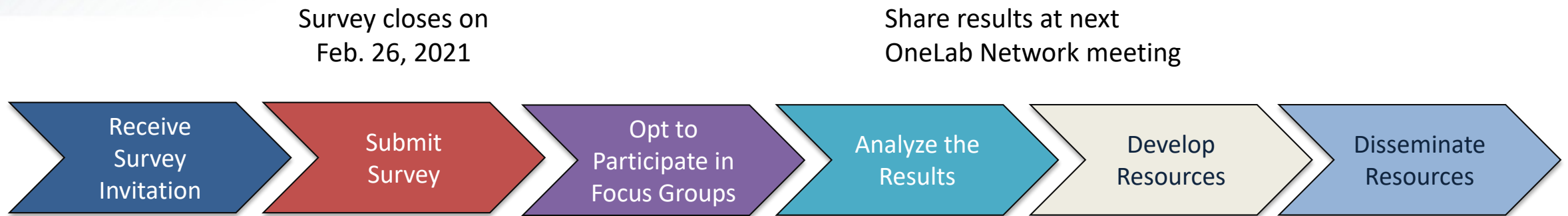


TRAINING NEEDS ASSESSMENT

Rapid Training Needs Assessment



Training Needs Assessment Survey Process



There will be an email **today** from OneLab@cdc.gov prompting you to complete the Training Needs Assessment survey

If you have any questions, please email: OneLab@cdc.gov




Q&A



THANK YOU FOR YOUR PARTICIPATION!

Please visit the Training Needs Assessment now
surveymonkey.com/r/CDCOneLab

Feel free to reach out to onelab@cdc.gov if you have any questions.



For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov

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