



# Local Health Department Data Use for Outbreak Response and Prevention in Healthcare Settings

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*Project Firstline is a national collaborative led by the U.S. Centers for Disease Control and Prevention (CDC) to provide infection control training and education to frontline healthcare workers and public health personnel. National Association of County and City Health Officials (NACCHO) is proud to partner with Project Firstline to host the NACCHO Healthcare Infection Prevention and Control Summit (Summit), as supported through CDC Grant # 6NU380T000306-03-05. CDC is an agency within the Department of Health and Human Services (HHS). This presentation is being hosted as part of the Summit; the contents of this presentation and Summit do not necessarily represent the policies of CDC or HHS and should not be considered an endorsement by the Federal Government.*





# Presenter

**Seun Aluko, MPH**

*He/him*

Research Scientist,  
Population Health Innovation Lab's  
Monitoring Evaluation Research and  
Learning Innovations (MERLIN)





# Population Health Innovation Lab

## MERLIN Team



**Seun Aluko, MPH**

*He/him*

Lead Research Scientist



**Stephanie Bultema, PhD**

*She/her*

Director of MERLIN



**Cassandra Mohan, MSPH**

*She/her*

Research Associate III



# Population Health Innovation Lab

## MERLIN Team



**Kendra Piper, PhD**

*She/her*

Senior Research  
Scientist



**Katie Christian**

*She/her*

Program Associate I



**Esmeralda Salas**

*She/her*

Research Associate

I



**Beverly Bruno**

*She/her*

Research Assistant

II



# Project Background: Qualitative evaluation

## Objective

- Identify LHD's awareness, access, and use of data for outbreak investigations in health care settings.

## Methodology

- Qualitative evaluation involving LHD interviews and a focus group representing 11 LHDs

## Key Findings

- Barriers with data coordination and access for outbreak response.
- Budget and staffing constraints in smaller and rural LHDs.
- Urban LHDs are more adept at leveraging data due to better resources.
- Larger LHDs tend to focus on at-risk populations with more diverse data while smaller LHDs lack frameworks to equitably manage and use data.

## Recommendations

- Strengthen partnerships; Enhance LHD capacity; Support improvement of state-level disease reporting systems; address access barriers; facilitate training; and operationalize equity



# Project Background: Resource Development

## Strategic collaboration guide

- A decision-making guide for LHDs to build outbreak response infrastructure through effective partnership

## Equity framework guide

- A resource to provide LHDs the approach to combining population data with infection and facility data to address disparities during outbreak

## Data use and management guide

- A resource to provide LHDs with case studies showcasing data solutions and approaches employed by other LHDs conducting outbreak response in healthcare settings



# Impact and Future Directions

- Implementation: Guides introduced through webinars, focusing on practical applications and enabling LHDs to operationalize findings.
- Feedback and Iteration: Continuous feedback from LHDs to refine resources and ensure they meet the evolving needs of outbreak management.



# Conclusion

- Summary: By bridging the gap between evaluative insights and practical application, the project enhances LHD capabilities to manage and prevent outbreaks more effectively and equitably.
- Future Outlook: Emphasize ongoing support for LHDs, especially in rural areas, to advance their data-driven outbreak response and prevention management practices.





**Thank You**