



LABORATORY PREPAREDNESS & RESPONSE

A NATIONWIDE SYSTEM TO DETECT AND RESPOND TO HEALTH THREATS

PUBLIC HEALTH LABORATORY PREPAREDNESS & RESPONSE OVERVIEW

Working at the federal, state and local level, public health laboratories are a critical asset to the nation to prepare for, detect and respond to all-hazard threats, including infectious diseases, natural disasters, and biological, chemical, nuclear and radiological events. These unique institutions engage diverse partners to safely test samples, provide timely results to shape medical interventions, public health actions and law enforcement decisions. Public health laboratories:

- Provide training and outreach to **clinical/hospital, commercial and other laboratories.**
- Engage with **first responders** to ensure safe handling, evaluation and transfer of hazardous materials.
- Collaborate with **epidemiologists** to identify and monitor health threats.
- Work with **federal partners** to evaluate new technologies, develop tests and collect key data to monitor threats.

	CURRENTLY FUNDED CDC ACTIVITIES	FY FUNDING REQUESTS	INCREASED FUNDING WILL SAVE MORE LIVES BY:
PUBLIC HEALTH EMERGENCY PREPAREDNESS COOPERATIVE AGREEMENT	<ul style="list-style-type: none"> • Workforce: Allows laboratories to hire and retain personnel to perform routine analysis. • Procurement: Enables replacement and maintenance of equipment, purchasing of laboratory supplies and reagents, and basic maintenance/service contracts. • Coordination: Streamlines laboratory activities by coordinating communications and resource sharing with the jurisdiction's network of partners. • Training: Provides training and conducts outreach to clinical laboratories and other partners. 	<p>FY 2022 \$1 BILLION</p> <p>FY 2021 \$695 MILLION</p>	<ul style="list-style-type: none"> • Strengthening Laboratory Capability and Capacity: Allows laboratories to hire and retain highly-skilled personnel; procures advanced equipment to perform specialized testing and ensure surge capacity; expands internal and external training; and enhances outreach to partners. • Modernizing Data Exchange Systems: Allows for hiring of skilled information technology staff; procures laboratory information management systems; ensures infrastructure and systems to rapidly send results to sample submitters and other partners. • Improving Radiological Capability: Establishes a coordinated network to detect exposure in the event of a radiological release.
<p>Report Language Request: The Committee includes an increase of \$305 million above the fiscal year 2021 level for the Public Health Emergency Preparedness Cooperative Agreement Program. The Committee requests a state distribution table in the FY2023 Congressional Justification which should also include how funding is being allocated to local health departments and how States are determining these allocations.</p>			

PUBLIC HEALTH CRISIS RESPONSE COOPERATIVE AGREEMENT	<ul style="list-style-type: none"> • Emergency Planning: Supports the development of plans to maintain functionality in the face of an emergency and promote long-term jurisdictional recovery. • Crisis Response: Enables early crisis response activities to rapidly restore epidemiological and laboratory surveillance capabilities. • Workforce: Allows laboratories to hire and retain highly trained scientists to oversee routine testing and support surge activities. • Data Management: Facilitates information technology systems for data collection, analysis, storage and communication. 	<p>FY 2022 \$250 MILLION</p> <p>FY 2021 \$200 MILLION</p>	<ul style="list-style-type: none"> • Increasing Response Efficiency: Improves a jurisdiction's ability to continue laboratory operations and handle an influx of testing will allow threats to be handled quickly and effectively. • Restoring Functionality: Rapidly rebuilding a laboratory's testing capacity and capability post-event reduces the time it is off-line. • Expanding Training: Supports emergency response risk management and mitigation exercises and training. • Improving Data Sharing Systems: Strengthens data management and exchange systems and capabilities facilitates communication and reduces turn-around-time for test results.
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