



ENVIRONMENTAL HEALTH

ENVIRONMENTAL HEALTH OVERVIEW

Environmental health laboratories work to reduce harmful environmental exposures from air, water, food, and chemicals. Threats from a changing climate, environmental injustice, and the current COVID-19 pandemic and opioid epidemic make this work more important than ever. Laboratory data is vital to ensuring investments are targeted appropriately, efficiently and effectively.

	CURRENTLY FUNDED ACTIVITIES	FY FUNDING REQUESTS	INCREASED FUNDING WILL SAVE MORE LIVES BY:
CDC NCEH	Climate and Health Enables jurisdictions to prepare for specific health impacts of a changing climate by providing information, frameworks and financial support.	FY 2022 \$110 MILLION FY 2021 \$10 MILLION	Improving the science, laboratory monitoring, surveillance and action around the health effects of climate change, including increasing the number of funding recipients.
CDC NCEZID	Emerging Infectious Diseases Provides community data on active COVID-19 cases through the National Wastewater Surveillance System, helping to inform local, state and national response.	NWSS FY 2022 \$100 MILLION	Ensuring all states have the capability and capacity to perform wastewater surveillance and to expand it to other health threats, such as SARS-CoV-2 variants, other potential future pandemic pathogens and antimicrobial resistance. Improving waterborne pathogen outbreak response at the state and local level.
CDC NCIPC	Opioid Overdose Prevention and Surveillance As part of a broader response to the opioids crisis, provides support to National Center for Environmental Health (NCEH) to help enable laboratory response through technical support and method validation for state opioids biosurveillance of non-fatal overdoses.	NCEH FY 2022 \$5 MILLION CANNABIS FY 2022 \$5 MILLION	Ensuring the quality of laboratory data. Better understanding prevalence, health effects and biomarkers of cannabis use.
CDC NCEH	Other Environmental Health Laboratory Provides laboratory technical and coordinating support for state programs, such as biomonitoring and laboratory response network (chemical), that assess human chemical exposures.	FY 2022 \$63.5 MILLION FY 2021 \$48.5 MILLION	Increasing the number of states able to provide chemical exposure data (biomonitoring), allowing communities to better respond to health threats. Supporting internal upgrades to equipment and quality assurance programs at NCEH.

EPA

There is a huge laboratory data gap in environmental health, leaving community and federal decision making blind to risks and effective responses. Providing targeted investments in laboratories associated with jurisdictions will help better develop needed laboratory methods, improve capacity and flexibility to respond to climate and environmental justice emergencies. Significant increases in financial and technical support to state environmental laboratories are needed to increase ERLN and WLA laboratory capability and capacity and response to emerging biological, chemical and radiological threats.



ASSOCIATION OF PUBLIC HEALTH LABORATORIES

8515 Georgia Avenue, Suite 700, Silver Spring, MD 20910 | 240.485.2745 | www.APHL.org

Contact: Peter Kyriacopoulos, Chief Policy Officer | 240.485.2766 | peter.kyriacopoulos@aphl.org