AR Solutions in Action

CDC's Investments to Combat Antimicrobial Resistance Threats

FISCAL YEAR



FUNDING TO HEALTH DEPARTMENTS



Rapid Detection & Response: State, territory, and local public health partners fight AR in health care, the community, and food. CDC-funded HAI/AR Programs form a network of health departments that detect, prevent, respond to, and contain

HAI/AR threats and promote appropriate use of antibiotics and antifungals. CDC's AR Lab Network provides nationwide lab capacity to rapidly detect AR and inform local prevention and response activities to stop the spread of antimicrobial-resistant germs and protect people.

\$461,158



\$44.325

Food Safety projects protect communities by rapidly identifying antimicrobial-resistant foodborne bacteria to stop and solve outbreaks and improve prevention.

Maine uses whole genome sequencing to track local outbreaks of *Listeria, Salmonella, Campylobacter, Shigella,* and *Escherichia coli*, identifies AR genes, and shares surveillance data with PulseNet. When outbreaks are detected, local CDC-supported epidemiologists respond to stop their spread.



Fungal Disease projects improve our ability to track resistance to antifungals and stop it from spreading. Maine identifies fungal diseases and monitors fungal pathogens for new and emerging AR.

\$2,000

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The AR Investment Map includes data from CDC's largest funding categories for AR. It represents extramural funding that supports AR activities from multiple funding lines in CDC's annual appropriations. Some work received full or partial funding from one-time supplemental appropriations. See the fiscal year 2023 AR Investment Map Supplemental Funding Fact Sheet for more information. AR: antimicrobial resistance COVID-19: coronavirus disease 2019 HAI: healthcare-associated infection IPC: infection prevention and control NHSN: National Healthcare Safety Network STD: sexually transmitted disease STI: sexually transmitted infection

CDC provides critical support in the U.S. and abroad to protect people from antimicrobial resistance.

ARinvestments.cdc.gov



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