

Colorado
\$2,943,437

Funding for AR Activities
Fiscal Year 2024

One of 10 sites for the Emerging
Infections Program

Funding to Health Departments



\$78,568

AR Laboratory Network: Labs detect, support response to, and prevent the spread of AR threats across the nation—and inform innovations to detect AR.

CDC's AR Lab Network provides nationwide lab capacity to detect AR and inform local prevention and response activities to stop the spread of antimicrobial-resistant germs and protect people. Collaboration from the local to national levels results in more rapid response for detecting AR and closes the gap between local capabilities and the data needed to combat AR in the United States.

Learn more: www.cdc.gov/antimicrobial-resistance-laboratory-networks/php/about/domestic.html



\$229,388

Fighting AR in Health Care: State, territory, and local public health partners prevent HAIs, support rapid detection and response, and improve antibiotic use.

CDC-funded HAI/AR Programs form a network of health departments that prevent, respond to, and contain HAI/AR threats and promote appropriate use of antibiotics. HAI/AR programs protect patients and healthcare personnel, improve healthcare safety and quality, and use data-driven prevention strategies to combat AR threats in health care.

Learn more: www.cdc.gov/healthcare-associated-infections/programs/index.html



\$558,207

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

Colorado uses whole genome sequencing to track local outbreaks of *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. Colorado conducts active, population-based surveillance for foodborne diseases through CDC's Emerging Infections Program. Colorado's Food Safety Center of Excellence supports health departments to track and investigate disease and builds infection prevention and AR surveillance capacity across One Health.

Learn more: www.cdc.gov/food-safety/foods/antimicrobial-resistance.html

The AR Investment Map includes data from CDC's largest funding categories for AR. It represents fiscal year 2024 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.

AR: antimicrobial resistance
HAI: healthcare-associated infection
IPC: infection prevention and control

NHSN: National Healthcare Safety Network
STI: sexually transmitted infection

CDC provides critical support to protect people from antimicrobial resistance.

ARinvestments.cdc.gov

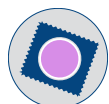




\$129,960

Fungal Disease Projects improve our ability to track resistance to antifungals and stop it from spreading. Colorado conducts surveillance to identify fungal diseases, monitor for new and emerging AR, and implement strategies to prevent the spread of AR in high-risk areas. Colorado conducts population-based surveillance for *Candida* bloodstream infections through CDC's Emerging Infections Program.

Learn more: www.cdc.gov/fungal/antimicrobial-resistant-fungi



\$487,378

Drug-resistant Gonorrhea Programs work with state and local epidemiology and laboratory partners to test for and quickly respond to resistant gonorrhea to stop its spread in high-risk communities. Only one recommended treatment option remains for gonorrhea and resistance to other antibiotics continues to grow.

Combating Antimicrobial Resistant Gonorrhea and Other STIs (CARGOS) focuses on monitoring trends in antimicrobial susceptibilities of gonorrhea and STIs in the U.S. and strengthening state and local capacity for rapid detection of and response to threats of antimicrobial-resistant gonorrhea and STIs.

Learn more: www.cdc.gov/sti/php/projects/cargos.html

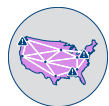


\$1,384,936

The Emerging Infections Program (EIP) HAI Component helps answer critical questions about emerging HAI threats, advanced infection tracking methods, and AR in the United States.

The Colorado EIP performs population-based surveillance for *Clostridioides difficile*, invasive *Staphylococcus aureus*, nontuberculous mycobacteria, and resistant gram-negative bacteria. They also conduct HAI and antimicrobial use prevalence surveys and surveillance for invasive *Escherichia coli* infections to support vaccine evaluation.

Learn more: www.cdc.gov/healthcare-associated-infections/php/haic-eip/index.html



\$75,000

The Emerging Infections Program (EIP) sites improve public health by translating population-based surveillance and research activities into informed policy and public health practice.

Active Bacterial Core surveillance (ABCs) is an active laboratory- and population-based surveillance system for invasive bacterial pathogens of public health importance. ABCs provides infrastructure for further public health research, which may include special studies to identify disease risk factors, evaluate vaccine efficacy, and monitor the effectiveness of infection prevention policies.

Learn more: www.cdc.gov/abcs

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