



**Utah**  
**\$3,879,695**  
Funding for AR Activities  
Fiscal Year 2024

CDC Prevention Epicenter

Regional Lab for the AR Lab Network  
(Mountain)

## Funding to Health Departments



**\$1,221,934**

**AR Laboratory Network:** Regional labs boost state and local testing capacity and technology to detect, support response to, and prevent AR threats across the nation—and inform innovations to detect AR.

Utah identifies and responds to urgent AR threats through testing for carbapenemase production and resistance mechanisms in carbapenemase producing organisms (CPOs). Utah supports labs in the AR Lab Network Mountain Region through antimicrobial susceptibility testing (AST), whole genome sequencing and colonization screening for CPOs and *Candida auris*. Utah provides reference AST for *Neisseria gonorrhoeae*.

Learn more: [www.cdc.gov/antimicrobial-resistance-laboratory-networks/php/about/domestic.html](http://www.cdc.gov/antimicrobial-resistance-laboratory-networks/php/about/domestic.html)



**\$230,359**

**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](http://www.cdc.gov/healthcare-associated-infections/programs/index.html)



**\$161,388**

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

Utah 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.

Learn more: [www.cdc.gov/food-safety/foods/antimicrobial-resistance.html](http://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](http://ARinvestments.cdc.gov)



### Funding to Universities & Healthcare Partners



\$599,996

#### University of Utah: CDC Prevention Epicenter

The Prevention Epicenters Program is a collaborative network of public health and healthcare experts that responds to HAI and AR research priorities to protect patients. The network conducts research to support the translation of innovative IPC strategies for preventing HAIs, stopping the spread of AR, and preventing other adverse events in all healthcare settings.

Learn more: [www.cdc.gov/healthcare-associated-infections/php/prevention-epicenters/index.html](http://www.cdc.gov/healthcare-associated-infections/php/prevention-epicenters/index.html)



\$984,908

#### University of Utah: Discovering & Implementing What Works

Investigators implement wastewater surveillance approaches for AR genes and antimicrobial-resistant organisms in healthcare settings within the western U.S. region to determine the correlation with clinical data and future utility for response. This work was supported by emergency supplemental funding.

Learn more: [www.cdc.gov/healthcare-associated-infections/php/research/shepherd.html](http://www.cdc.gov/healthcare-associated-infections/php/research/shepherd.html)



\$600,000

#### University of Utah: Discovering & Implementing What Works

The Modeling Infectious Diseases in Healthcare Network (MInD-Healthcare) responds to evolving public health needs in healthcare settings by conducting transmission modeling research and assessing high-impact intervention strategies. Experts evaluate strategies to reduce the transmission of antimicrobial-resistant bacteria across healthcare settings and predict trends in AR using population-level data.

Learn more: [www.cdc.gov/healthcare-associated-infections/php/research/mind-healthcare.html](http://www.cdc.gov/healthcare-associated-infections/php/research/mind-healthcare.html)



\$81,110

#### University of Utah: Innovative Prevention & Tracking

A University of Utah expert supports CDC's Office of Antibiotic Stewardship with essential expertise in stewardship in pediatrics.

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