



ILLINOIS

\$4,655,415

Funding for AR Activities
Fiscal Year 2023

One local CDC-supported fellow

CDC Prevention Epicenter

FUNDING TO HEALTH DEPARTMENTS



\$1,277,047
(Includes funding to Chicago)

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.



\$112,506

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

Illinois 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.



\$13,000
(Includes funding to Chicago)

Drug-resistant Gonorrhea Detect & Respond Program works 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.

The Gonococcal Isolate Surveillance Project (GISP) informs national treatment guidelines for gonorrhea by monitoring how well antibiotics work on laboratory samples collected from sentinel STD clinics, which often are the first to detect the threat. Select STD clinics also enhance surveillance by collecting additional gonococcal isolates from women and from extragenital sites. This work is jointly supported by CDC STI and AR funds.

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

FUNDING TO UNIVERSITIES & HEALTHCARE PARTNERS



\$1,678,781

Rush University Medical Center: CDC Prevention Epicenter

The Prevention Epicenters Program is a collaborative network of public health and experts in relevant fields of HAI and AR that responds to research priorities to protect patients. The network conducts research to support the translation of innovative IPC strategies for preventing HAIs, the spread of AR, and other adverse events in all healthcare settings. Learn more: www.cdc.gov/hai/epicenters



\$500,000

Rush University Medical Center: Discovering & Implementing What Works

Investigators are implementing wastewater surveillance approaches for AR genes and antimicrobial-resistant organisms in healthcare settings within the central U.S. region. Learn more: www.cdc.gov/hai/research/safehealthcare.html



\$50,000

American College of Chest Physicians: Innovative Prevention & Tracking

Experts increase awareness of the appropriate treatment for patients with COVID-19 and sepsis and are working to improve antibiotic use for community-acquired pneumonia.



\$154,081

Urgent Care Association of America: Innovative Prevention & Tracking

Experts increase clinician awareness of the appropriate treatment for patients with COVID-19 and implement best practices in urgent care to improve antibiotic use.



\$10,000

American Medical Association: Innovative Prevention & Tracking

CDC's Project Firstline is a collaborative of diverse partners that provides engaging, innovative, and effective IPC training for U.S. healthcare workers and the public health workforce. It offers resources in a variety of formats to meet the diverse learning needs and preferences of the healthcare workforce. Partners host events, create tools, and publish resources that help healthcare workers better understand and correctly implement IPC. Learn more: www.cdc.gov/infectioncontrol/projectfirstline



\$10,000

Health Research and Educational Trust: Innovative Prevention & Tracking

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\$350,000

Health Research and Educational Trust: Innovative Prevention & Tracking

The American Hospital Association Living Learning Network is a virtual community of more than 660 members focused on transforming health care by sharing knowledge and concerns, expanding perspectives, and problem-solving together.

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\$500,000

Northwestern University: Global Expertise & Capacity Enhancements

CDC's global work to combat AR helps prevent the importation of AR threats in the United States. Experts strengthen capacity to detect, track, and report antimicrobial-resistant *Candida auris* and other antimicrobial-resistant *Candida* species at Aga Khan University Hospital in Pakistan. This work informs outbreak detection and response. This work is part of CDC's Global AR Lab & Response Network.

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