MASSACHUSETTS

$6,764,546

Funding for AR Activities
Fiscal Year 2023

One local CDC-supported fellow

CDC Prevention Epicenter

FUNDING TO HEALTH DEPARTMENTS

$1,296,092

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.

$140,001

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

Massachusetts 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.

$100,000

Global Migration, Border Interventions, and Migrant Health Programs support state partner efforts prevent the spread of infectious diseases, including drug-resistant tuberculosis, into the United States.

Experts support 700 humanitarian parolees from Cuba, Haiti, Nicaragua, and Venezuela to comply with the 90-day tuberculosis screening and attestation requirement by offering them the required blood test.

FUNDING TO UNIVERSITIES & HEALTHCARE PARTNERS

$1,527,218

Harvard Pilgrim Health Care, Inc.: 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

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

Harvard University School of Public Health: Discovering & Implementing What Works

Investigators are developing next-generation quantitative models and tools to build modeling hubs where staff have broad expertise in infectious disease forecasting, modeling, and analytics to support translational and operational science and technology advances.

Learn more: www.cdc.gov/hai/research/safehealthcare.html

$67,318

Massachusetts General Hospital: Innovative Prevention & Tracking

A Massachusetts General Hospital expert works with CDC investigators to provide clinical informatics expertise that contributes to efforts to identify, develop, and support automated methods of data collection and reporting to NHSN.

$48,548

Institute for Healthcare Improvement: Discovering & Implementing What Works

CDC partners protect Americans by improving the safety and quality of health care. This includes supporting IPC implementation, enhancing healthcare facility design, and facilitating IPC materials and device use. CDC partners also work to improve approaches to healthcare worker training and competency assessment, as well as strengthen health department support of healthcare IPC and outbreak response.

$458,304

Massachusetts General Hospital: 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

$1,240,683

Harvard Pilgrim Health Care, Inc.: Discovering & Implementing What Works

Experts use data available in electronic health records to develop and test an electronic definition of pediatric sepsis that will be used to estimate the national burden of pediatric sepsis. This surveillance definition can also be used by hospitals to track pediatric sepsis and measure the effectiveness of interventions.

$1,886,382

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