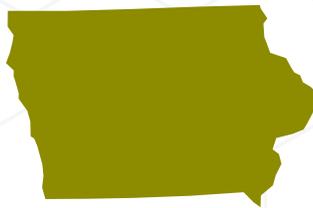


IOWA

\$2,574,656



Funding for AR Activities
Fiscal Year 2018

FUNDING TO STATE HEALTH DEPARTMENTS



RAPID DETECTION AND RESPONSE to novel or high-concern drug-resistant germs is critical to contain the spread of these infections.

\$459,051

With 2017 funding, Iowa provided laboratory support for response to two CRE outbreaks in long-term care facilities. In both outbreaks, the state worked with clinical laboratories at each facility to develop processes to rapidly identify and recover suspected CRE during and after the outbreak.



HAI/AR PREVENTION works best when public health and healthcare facilities partner together to implement targeted, coordinated strategies to stop infections and improve antibiotic use.

\$129,366

With 2017 funding, Iowa worked with the Association for Professionals in Infection Control and Epidemiology to deliver their Infection Prevention in Long-Term Care Certificate Series, addressing gaps in infection prevention expertise in long-term care settings.



FOOD SAFETY projects protect communities by rapidly identifying drug-resistant foodborne bacteria to stop and solve outbreaks and improve prevention.

\$440,462

Iowa uses whole genome sequencing to track and monitor local outbreaks of *Listeria*, *Salmonella*, *Campylobacter*, and *E. coli* and uploads sequence data into PulseNet for nationwide monitoring of outbreaks and trends. In Fiscal Year 2019, Iowa will begin simultaneously monitoring these isolates for resistance genes. When outbreaks are detected, local CDC-supported epidemiologists investigate the cases to stop spread.

FUNDING TO UNIVERSITIES & HEALTHCARE PARTNERS



UNIVERSITY OF IOWA: Discovering & Implementing What Works

\$699,177

With CDC, researchers created and maintain a registry for heater-cooler devices used in U.S. hospitals for the systematic case management of nontuberculous mycobacteria infections and to track patient outcomes.



IOWA STATE UNIVERSITY: Innovative Prevention & Tracking

\$272,698

Researchers will determine the burden of *Campylobacter* in dogs by sampling commercial breeding colonies and collecting information on antibiotic use to help better understand risks associated with the emergence of multidrug-resistant *Campylobacter*.



UNIVERSITY OF IOWA: Discovering & Implementing What Works

\$573,902

The Modeling Infectious Diseases in Healthcare Network (MIND-Healthcare) is a virtual laboratory where researchers investigate factors that drive the spread of HAIs and simulate prevention strategies to estimate their benefits in a timely and cost-effective manner. Investigators will assess the effectiveness of hospital-based interventions through the simulated spread of HAIs. Learn more: www.cdc.gov/hai/research/MIND-Healthcare