FUNDING TO HEALTH DEPARTMENTS

**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.

**$875,925**

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

Iowa 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.

**$132,552**

FUNDING TO UNIVERSITIES & HEALTHCARE PARTNERS

**University of Iowa:** 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](http://www.cdc.gov/hai/epicenters)

**$1,480,929**
University of Iowa: 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 develop models of HAI risks, assess the effects of HAI transmission, and develop mathematical models that aid surveillance and response. Learn more: www.cdc.gov/hai/research/MIND-Healthcare.html

University of Iowa: 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.