MISSISSIPPI

$396,023

Funding for AR Activities
Fiscal Year 2017

FUNDING TO STATE HEALTH DEPARTMENTS

$133,224

RAPID DETECTION & RESPONSE to emerging drug-resistant germs is critical to contain the spread of these infections.
With 2016 funding, Mississippi increased its ability to respond to emerging threats by implementing and validating new testing methods for HAI/AR detection. The Mississippi Public Health Lab performed phenotypic and genotypic characterization on 89 "nightmare bacteria" CRE and CRPA isolates.

$94,635

FOOD SAFETY projects protect communities by rapidly identifying drug-resistant foodborne bacteria to stop and solve outbreaks and improve prevention.
In Fiscal Year 2018, Mississippi will ramp up testing to include whole genome sequencing of all *Listeria*, *Salmonella*, *Campylobacter* and *E. coli* isolates and simultaneously monitor these isolates for resistance genes. States upload the sequence data into PulseNet for nationwide monitoring of outbreaks and trends. When outbreaks are detected, local CDC-supported epidemiologists investigate the cases to stop spread.

FUNDING TO UNIVERSITIES & HEALTHCARE PARTNERS

$168,164

UNIVERSITY OF MISSISSIPPI MEDICAL CENTER: Innovative Prevention & Tracking
Investigators will compare genome analysis methods that determine the source of genetic material. This project will help researchers to understand the relationships and transmission of antibiotic-resistant bacteria.

CDC provides critical support to every state to protect Americans from antibiotic resistance.

www.cdc.gov/ARinvestments

U.S. Department of Heath and Human Services
Centers for Disease Control and Prevention