# AR Solutions in Action

CDC's Investments to Combat Antibiotic Resistance Threats Nationwide

# **RHODE ISLAND** \$2,129,367

Funding for AR Activities Fiscal Year 2017

## FUNDING TO STATE HEALTH DEPARTMENTS



RAPID DETECTION & RESPONSE to emerging drug-resistant germs is critical to contain the spread of these infections. With 2016 funding, Rhode Island's HAI/AR program, in partnership with its Quality Improvement Organization/Quality Innovation Network, enrolled 17 nursing homes into CDC's NHSN. With this data, Rhode Island can better detect, report and stop the spread of HAI/AR threats. They also provided quarterly reports to each of the state's acute-care hospitals to support targeted prevention work.



#### 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.

With 2016 funding, Rhode Island developed a six-part training on infection prevention in long-term care facilities that was delivered live and is available as on-demand webinars. The HAI/AR program also supported participation by 80 long-term care healthcare workers in the AHCA Infection Prevention Specialized Training.



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

Rhode Island implemented whole genome sequencing of Listeria, Salmonella, Campylobacter and E. coli isolates submitted to its lab and began uploading sequence data into PulseNet for nationwide monitoring of outbreaks and trends. In Fiscal Year 2018, Rhode Island 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**



#### **BROWN UNIVERSITY: Discovering & Implementing What Works**

Improving antibiotic use can help slow resistance. Investigators will work with nursing homes to improve antibiotic use in these facilities through the implementation and evaluation CDC's Core Elements of Antibiotic Stewardship for \$1,176,592 Nursing Homes.

Page 1 of 1 This data represents CDC's largest funding categories for AR. It shows domestic, extramural funding that supports AR activities from multiple funding lines. AR: antibiotic resistance HAI: healthcare-associated infection

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

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

www.cdc.gov/ARinvestments