

# NORTH CAROLINA

## \$9,789,031



Funding for AR Activities  
Fiscal Year 2016

### FUNDING TO STATE HEALTH DEPARTMENTS



\$638,703

**HAI/AR DETECT & RESPOND PROGRAMS** quickly detect and then contain the spread of resistant infections, protecting patients from new resistance threats.

CDC and states are working together to scale up programs and HAI prevention infrastructure to identify, contain, and prevent HAIs, including those infections caused by antibiotic-resistant bacteria. Programs will use data for local response. All states and five major cities/territories will receive support and lab capacity to track and stop the "nightmare bacteria," carbapenem-resistant Enterobacteriaceae (CRE).



\$35,217

**ANTIBIOTIC STEWARDSHIP EDUCATION & PREVENTION PROGRAMS** ensure antibiotics are prescribed only when needed and used appropriately to improve patient safety.

Of the factors contributing to antibiotic resistance, the most important one we can change is inappropriate antibiotic use. CDC works to improve antibiotic use by increasing education and awareness of the importance of antibiotic use among providers and the public.



\$279,462

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

To improve food safety, CDC works to rapidly identify and respond to drug-resistant foodborne bacteria and outbreaks by using whole genome sequencing and increasing lab testing of pathogens like *Salmonella* and *Campylobacter*. CDC promotes responsible antibiotic use in food-producing animals.



\$654,958

**GONORRHEA RAPID DETECTION & RESPONSE** works with state and local partners to be ready to stop the spread of resistant gonorrhea in high risk communities.

Gonorrhea is resistant to most antibiotics and only one treatment option remains. CDC is developing local and state health department epidemiological and laboratory capacity to more rapidly detect and effectively respond to antibiotic-resistant gonorrhea.

## FUNDING TO UNIVERSITIES & HEALTHCARE PARTNERS



\$5,189,450

### **DUKE UNIVERSITY & UNIVERSITY OF NORTH CAROLINA: CDC Prevention Epicenter**

A unique research program in which CDC collaborates with medical academic investigators to conduct innovative infection control and prevention research in healthcare settings. Learn more: [www.cdc.gov/hai/epicenters](http://www.cdc.gov/hai/epicenters).



\$2,991,241

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

Improving antibiotic use through implementation and evaluation of CDC's Core Elements of Hospital Antibiotic Stewardship Programs. CDC has also funded Duke University projects to prevent antibiotic resistance through the CDC Prevention Epicenters Program. Learn more: [www.cdc.gov/hai/epicenters](http://www.cdc.gov/hai/epicenters).