

NEW JERSEY

\$1,165,448



Funding for AR Activities
Fiscal Year 2016

FUNDING TO STATE HEALTH DEPARTMENTS



\$497,532

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).



\$12,000

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.



\$314,012

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.

FUNDING TO UNIVERSITIES & HEALTHCARE PARTNERS



\$150,000

RUTGERS UNIVERSITY: Innovative Prevention & Tracking

To study and better define the genetic mechanisms and drivers fueling the emergence of drug-resistant fungal infections, and validate a new diagnostic platform to rapidly identify resistant strains of *Candida glabrata* in the clinic and community.



\$191,904

RUTGERS UNIVERSITY: Innovative Prevention & Tracking

To target adapting molecular tools to improve understanding of the role of microbial communities in antibiotic resistance in the environment.