

AR Solutions *In Action*

CDC's Investments to Combat Antibiotic Resistance Threats

FISCAL YEAR
2020

VIRGINIA

\$2,055,648

Funding for AR Activities
Fiscal Year 2020

1 local CDC fellow

HIGHLIGHTS

FUNDING TO STATE HEALTH DEPARTMENTS



\$1,108,636

RAPID DETECTION & RESPONSE: State, territory, and local public health partners fight AR in healthcare, the community, and food.

Programs use the AR Lab Network to rapidly detect threats and then implement prevention, response, and antibiotic stewardship to stop the spread of resistant germs. Additional resources, appropriated to CDC to fight COVID-19, will also help in the fight against AR by improving infection prevention and control in healthcare facilities.



\$253,312

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

Virginia uses whole genome sequencing to track and monitor local outbreaks of *Listeria*, *Salmonella*, *Campylobacter*, and *E. coli* and uploads sequence data into PulseNet for nationwide monitoring of outbreaks and trends. In Fiscal Year 2020, Virginia will continue 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



\$483,700

LEIDOS: Discovering & Implementing What Works

Investigators will support CDC's National Healthcare Safety Network's efforts to reduce the reporting burden on healthcare facilities by increasing automation of their NHSN data collection. Specifically, investigators will help NHSN develop and test proposed case definitions for NHSN that rely on automated electronic data capture by facilities that report to NHSN, enabling more rapid and consistent HAI case finding and reporting.



\$210,000

U.S. CIVILIAN RESEARCH & DEVELOPMENT FOUNDATION: Global Expertise & Capacity Enhancements

CDC's global work to combat AR prevents the importation of AR threats into the United States. Experts are working to assess capacity for detection of AR in the Eastern Mediterranean Region.

CDC provides critical support in the U.S. and abroad to protect people from antibiotic resistance.

[ARinvestments.cdc.gov](https://www.cdc.gov/ARinvestments)



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