

AR Solutions *In Action*

CDC's Investments to Combat Antibiotic Resistance Threats

FISCAL YEAR
2020

WASHINGTON

\$8,087,742

Funding for AR Activities
Fiscal Year 2020

1 local CDC fellow

Regional Lab for the AR Lab
Network (West)

HIGHLIGHTS

FUNDING TO STATE HEALTH DEPARTMENTS



\$2,370,753

AR LABORATORY NETWORK REGIONAL LAB: Regional labs boost state and local testing capacity and technology to detect, support response to, and prevent AR threats across the nation—and inform new innovations to detect AR.

In 2020, despite the burden of the COVID-19 pandemic in their area and personnel shortages, Washington successfully triaged its AR lab testing requests, performing testing as able. Washington worked to prioritize and divert requests to other AR Lab Network regions in order to maintain rapid testing for states in their region and ensure ongoing AR outbreak support. These collaborations further display the flexibility of the AR Lab Network and how CDC's investments can be adapted during a crisis.



\$3,407,338

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.



\$222,369

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

Washington 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, Washington will continue monitoring these isolates for resistance genes. When outbreaks are detected, local CDC-supported epidemiologists investigate the cases to stop spread.



\$937,282

GONORRHEA RAPID DETECTION & RESPONSE works with state and local epidemiology and laboratory partners to test for and quickly respond to resistant gonorrhea to stop its spread in high-risk communities. Only one treatment option remains for gonorrhea and resistance continues to grow.

During 2019, Washington completed testing for about 14% of the more than 4,600 gonorrhea cases reported in Seattle-King County. They identified 73 samples that did not respond optimally to recommended antibiotics and followed up with those patients and their sex partners. The STD Surveillance Network (SSuN) monitors adherence to national gonorrhea treatment guidelines for patients diagnosed and reported with gonorrhea from all provider settings across funded jurisdictions.

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

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WASHINGTON AR Investments (cont.)

FUNDING TO UNIVERSITIES & HEALTHCARE PARTNERS



WASHINGTON STATE UNIVERSITY: Global Expertise & Capacity Enhancements

CDC's global work to combat AR prevents the importation of AR threats into the United States. Experts are working in Guatemala to develop and test a period prevalence survey of multi drug-resistant organism colonization in communities and hospitals.

\$600,000



WASHINGTON STATE UNIVERSITY: Global Expertise & Capacity Enhancements

CDC's global work to combat AR prevents the importation of AR threats into the United States. Experts are working in Kenya to test a point prevalence survey of antibiotic use and track transmission of drug-resistant germs between community hospitals.

\$400,000



PATH: Global Expertise & Capacity Enhancements

CDC's global work to combat AR prevents the importation of AR threats into the United States. Experts are working in Vietnam to expand the AR surveillance system and provide support to AR surveillance laboratories to meet minimum standards.

\$150,000

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ARinvestments.cdc.gov



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