

MONTANA

\$625,177

Funding for AR Activities
Fiscal Year 2019

FUNDING TO STATE HEALTH DEPARTMENTS



\$562,960

RAPID DETECTION & RESPONSE: State, territory, and local public health partners fight antibiotic resistance in healthcare, the community, and food. Programs use the AR Lab Network to rapidly detect threats and implement prevention, response, and antibiotic stewardship to stop the spread of resistant germs.

With 2018 funding, Montana improved detection and response efforts, including expanding laboratory testing and isolate collection and enhancing outreach for awareness and infection control. In 2019, the Montana Public Health Laboratory (MTPHL) detected two types of carbapenem-resistant Enterobacteriaceae for the first time. The Montana HAI coordinator and MTPHL collaborated for early detection, rapid investigation, and intervention, stopping the spread of these organisms.



\$62,217

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

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