

# CDC—THE ANTIBIOTIC RESISTANCE (AR) SOLUTIONS INITIATIVE

FY 2016 President's Budget Request | \$264 Million

The AR Solutions Initiative fully implements CDC's activities under the National Strategy for Combating Antibiotic-Resistant Bacteria (CARB). The Initiative builds robust networks to track and stop the spread of AR threats, protects the effectiveness of antibiotics we already have, and spurs development of new interventions that can transform the way public health responds to AR.

- ☑ Stop Spread of AR Pathogens
- ☑ Track AR Threats and Measure Impact
- ☑ Supports Partnerships for Prevention and Detection

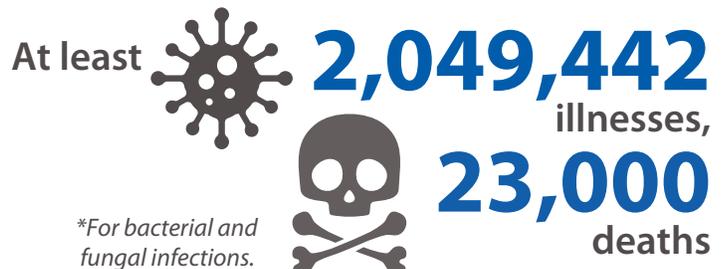
## Priority Areas for AR Investments

- Establish a "Detect" network of seven regional labs to characterize emerging resistance and rapidly identify outbreaks of dangerous AR threats.
- Double the number of Emerging Infection Program sites from 10 to 20 to expand our ability to track all urgent and serious AR threats for focused prevention.
- Establish State AR Prevention "Protect" Programs in 50 states and 10 large cities for health care to better track outbreaks, improve prescribing, and prevent infections.
- Improve antibiotic prescribing in hospitals and across health care settings, and target community AR threats.
- Track how antibiotics affect the human microbiome and how the microbiome might protect humans from AR infections.
- Scale up rapid detection of AR infections transmitted to humans through food and other pathways.
- Enhance collaboration and capacities to combat AR internationally.



For more information, please visit [www.cdc.gov/budget](http://www.cdc.gov/budget)

Estimated minimum number of illnesses and deaths caused by antibiotic resistance\*

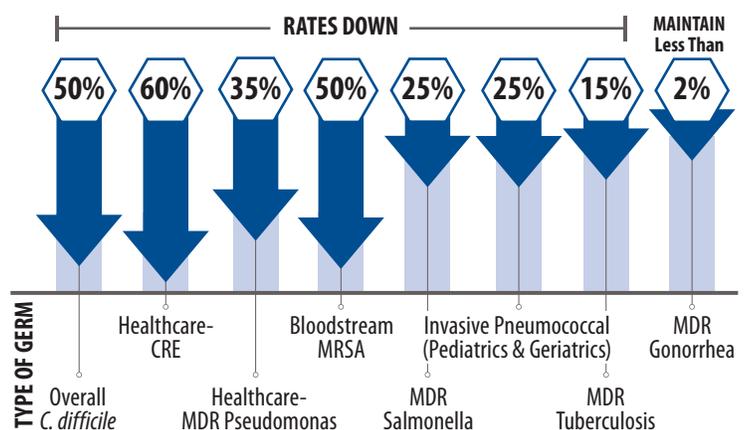


Antibiotic resistance, when bacteria don't respond to the drugs designed to kill them, threatens to return us to the time when simple infections were often fatal. To address this threat, CDC and public health partners must fully implement the National Strategy for Combating Antibiotic-Resistant Bacteria<sup>1</sup>.

**An increase of \$264 million is requested in CDC's FY 2016 Budget Request for the AR Solutions Initiative. Over five years, support for CDC's AR initiative will result in:**

- **Nationwide implementation** of CDC Core Elements of Hospitals Antibiotic Stewardship
- **Critical new interventions** that transform public health response to antibiotic resistance
- **At least 10 times more** drug susceptibility testing for high-priority pathogens

## ANTICIPATED REDUCTION RATE



Centers for Disease Control and Prevention