## **Antibiotic Resistance Solutions Initiative**

State AR Prevention Programs ("Protect Programs")

Healthcare facilities and State Departments of Public Health will work together to better track outbreaks, improve prescribing, and prevent infections.

## **Anticipated Infection Reduction Rates**



60% Healthcare CRE 50% Bloodstream MRSA 50% *C. difficile* 

35% Healthcare MDR Pseudomonas

Through Stewardship, Coordinated Response, and Targeted Prevention

Alerting other facilities when transferring a patient reduces spread of resistant infections between facilities.



**Acute Care Hospitals** 

Patients are transferred between healthcare facilities.



State Departments of
Public Health will use
AR data to target hot
spots and outbreaks,
enhance communication
for patient transfer,
and improve infection
control and prevention
across communities.

State Department of Public Health

AR Lab Network Facilities send isolates to the **AR Lab Network**, which serves as a resource to help identify outbreaks.



Long-term Acute Care Hospitals

**CDC** guidelines drive prevention of infections.

CDC

**CDC** data tracks prevention gaps and progress.

**CDC** provides gold-standard laboratory methods to detect antibiotic resistance.



AR: antibiotic resistance
MDR: multi-drug resistance





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