

How the United States Combats Antibiotic Resistance: Five Goals, One Health

Antibiotic resistance is an urgent threat to public health. The U.S. government is responding to antibiotic resistance with a comprehensive and coordinated suite of actions implemented by a diverse set of agencies using a One Health approach.

The National Strategy for CARB

The National Strategy for Combating Antibiotic-Resistant Bacteria (CARB) lays out five goals to reduce the incidence and impact of antibiotic-resistant infections.



Goal 1: Slow the emergence of resistant bacteria and prevent the spread of resistant infections.



Goal 4: Accelerate basic and applied research and development for new antibiotics, other therapeutics, and vaccines.



Goal 2: Strengthen national One Health surveillance efforts to combat resistance.



Goal 5: Improve international collaboration and capacities for antibiotic-resistance prevention, surveillance, control and antibiotic research and development.



Goal 3: Advance development and use of rapid and innovative diagnostic tests for identification and characterization of resistant bacteria.

Over a Decade of Action and Progress

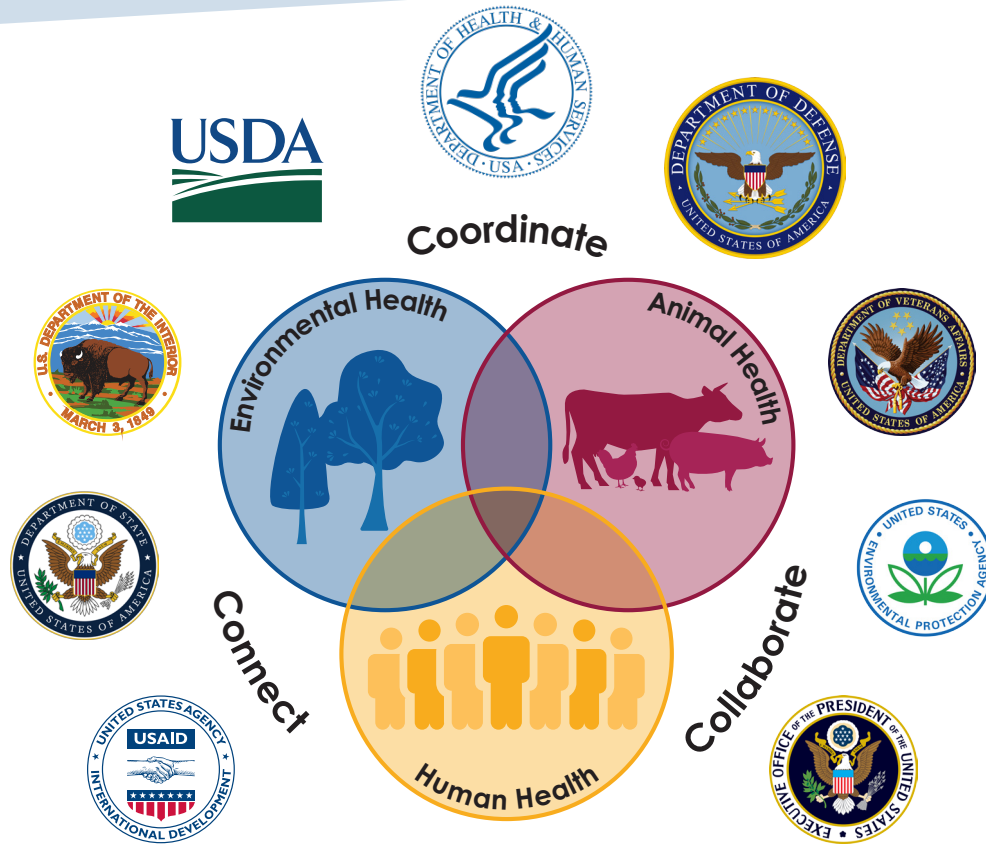
To achieve these five goals, the U.S. government develops and implements National Action Plans.



The Federal Task Force for CARB

The CARB Task Force, co-chaired by the Department of Defense (DoD), the United States Department of Agriculture (USDA), and the Department of Health and Human Services (HHS), employs a One Health approach by engaging U.S. government agencies that oversee human, animal, and environmental health and by promoting collaboration and communication to address antibiotic resistance in every relevant sector.

One Health is a collaborative, multisectoral, and transdisciplinary approach—working at the local, regional, national, and global levels—with the goal of achieving optimal health outcomes by recognizing the interconnection between people, animals, plants, and their shared environment.



Components of the co-chair agencies include:

HHS

- Agency for Healthcare Research and Quality
- Assistant Secretary for Planning and Evaluation
- Biomedical Advanced Research and Development Authority, within the Administration for Strategic Preparedness and Response
- Centers for Disease Control and Prevention
- Centers for Medicare & Medicaid Services
- Food and Drug Administration
- National Institutes of Health
- Office of Global Affairs

USDA

- Animal and Plant Health Inspection Service
- Agricultural Research Service
- Foreign Agriculture Service
- Food Safety and Inspection Service
- National Institute of Food and Agriculture
- Office of the Chief Scientist

DoD

- Defense Health Agency
- Global Emerging Infections Surveillance
- Infectious Disease Clinical Research Program
- Military Infectious Diseases Research Program
- Multidrug-Resistant Organism Repository and Surveillance Network
- Pharmacovigilance Center
- Walter Reed Army Institute of Research



Learn more

<https://aspe.hhs.gov/collaborations-committees-advisory-groups/carb>