

Presidential Advisory Council on Combating Antibiotic-Resistant Bacteria

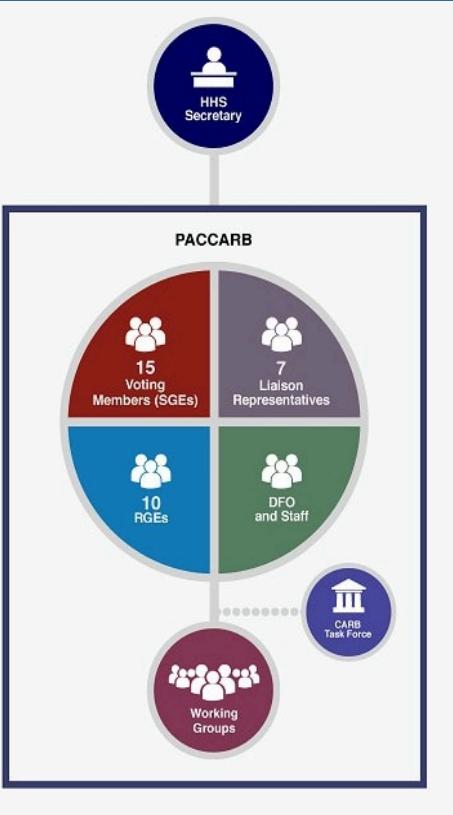
PACCARB Recommendations for Infection Prevention and Antibiotic Stewardship

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NIST Workshop 2020

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Overview

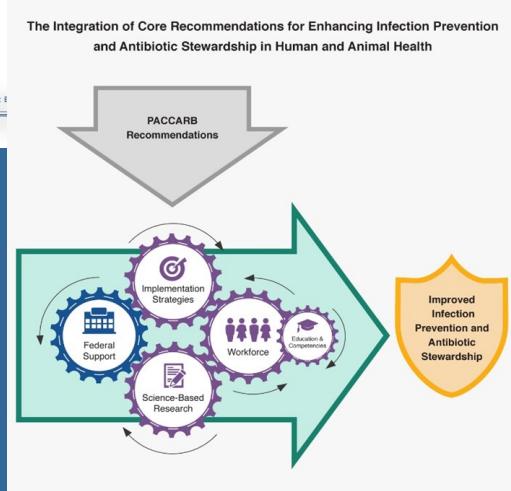


- The Presidential Advisory Council on Combating Antibiotic-Resistant Bacteria (PACCARB) was established in September 2015 by Executive Order as part of a multi-agency approach to CARB.
- Included in the Pandemic and All Hazards Preparedness and Advancing Innovation Act of (PAHPAIA) 2019.
- Membership consists of nationally recognized experts from **both human and animal health domains** within academia, the biomedical and pharmaceutical industry, public health, advocacy organizations, veterinary and agricultural fields.

A One Health approach is emphasized and utilized for all activities.

Key Strategies To Enhance Infection Prevention And Antibiotic Stewardship (2018)

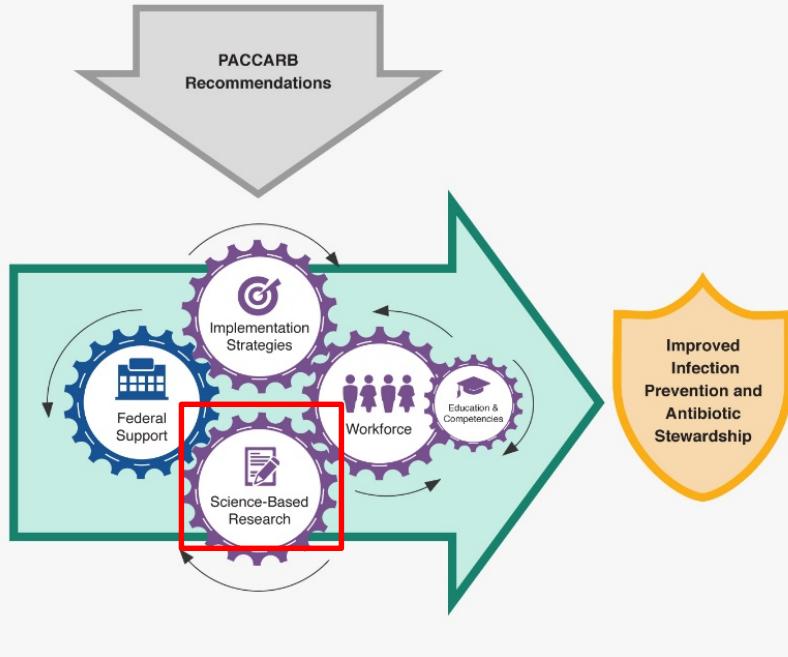
- Recommendations were identified for human and animal health to improve infection prevention and antibiotic stewardship.
- When implemented together, recommendations represent a holistic approach to improving infection prevention and antibiotic stewardship at all levels.
- Recommendations parallel each other for both human and animal health.



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The Integration of Core Recommendations for Enhancing Infection Prevention and Antibiotic Stewardship in Human and Animal Health



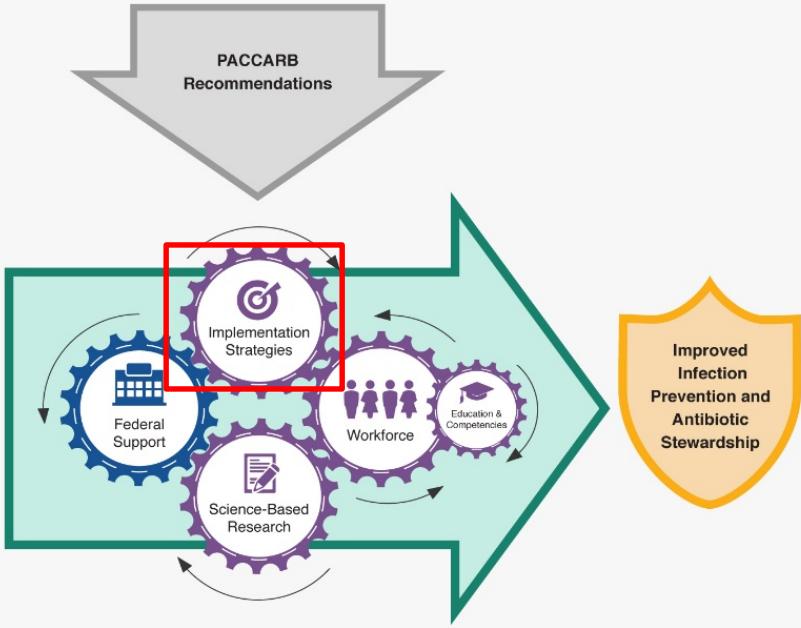
Recommendation 1: Support research

- Strategies that most impact clinical outcomes and antibiotic resistance in all healthcare settings.
- Correlate antibiotic use, IP&AS with clinical outcomes and antibiotic resistance for companion animals and food animals.

Recommendation 2: Promote innovation

- Develop and encourage use of new and novel techniques, products, and processes to reduce HAIs.
- Evaluation of interventions that are safe and effective in reducing HAIs.
- Develop approaches for assessing the efficacy of IP&AS programs and their return on investment for the agricultural producer.

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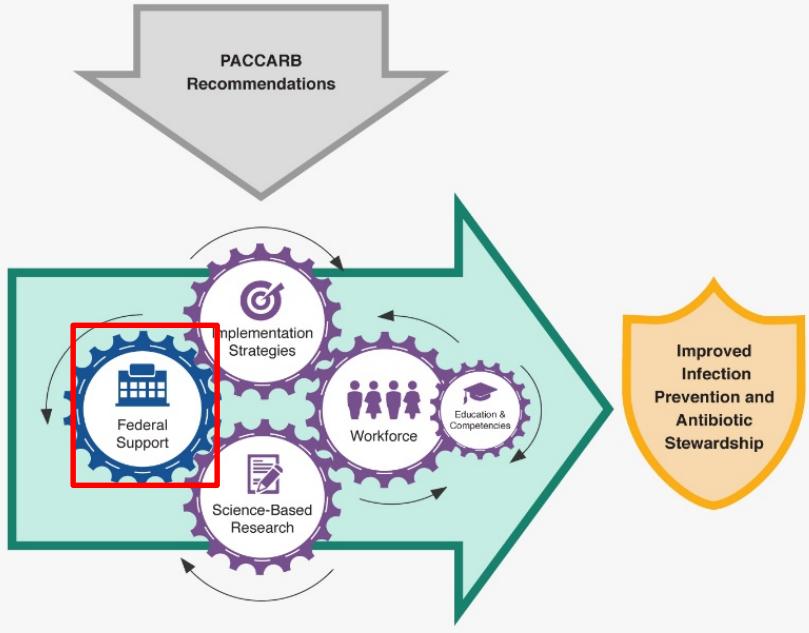
Recommendation 3: Improve metrics

- Enhance existing metrics and develop new ones.
- Require hospital data reporting to CDC's NHSN Antibiotic Use and Resistance (AUR) module.
- Assess the effectiveness of antibiotic therapy in veterinary settings.

Recommendation 4: Promote use of diagnostics

- Encourage use of point-of-care tests with shorter turn around time and determine which ones are being used inappropriately.
- Assess logistics, cost-benefit, and acceptability of POC test into practice.

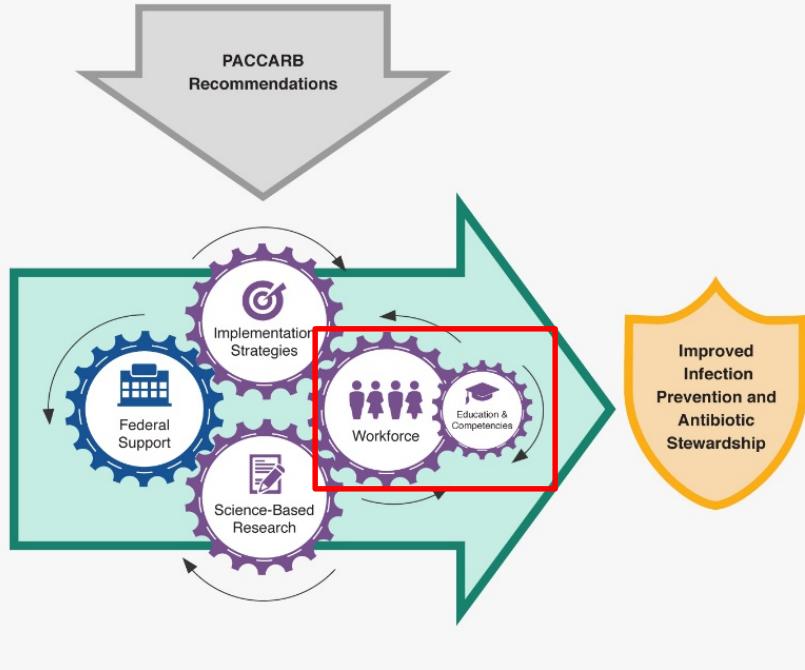
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Recommendation 5: Development of new federal policies to support IP&AS

- Immediately finalize the Medicare conditions of participation (CoP) and enforce requirements for antibiotic stewardship programs in LTC facilities and critical access hospitals.
 - April 8, 2019, PACCARB One-Page Report
 - CMS CoP finalized on Sept 30, 2019.
- Support the new FDA five-year action plan, Supporting Antimicrobial Stewardship in Veterinary Settings.

The Integration of Core Recommendations for Enhancing Infection Prevention and Antibiotic Stewardship in Human and Animal Health



Recommendation 6: Build Resource Capacity

- Maintain and expand existing federal and state programs that support IP&AS.
- Ensure the government's continuation of the PSLF to encourage public service careers and build more expertise in AMR.

Recommendation 7: Expand, Standardize, and Improve Education and Training

- Require IP&AS education and training for all levels of healthcare and veterinary workers.
- Create a model curriculum in IP&AS based on core competencies across all species.

PACCARB and the Public

- Public Meetings: 2 in-person and 1 virtual annually
- Public Engagement: in-person at public meetings and electronically
- Requests for Information
- Council recommendations and their impact



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How to Reach Us

- **Website:** hhs.gov/paccarb
- **Email:** carb@hhs.gov
- **Public Meetings:** Attend in-person or stream us live! Next meetings:
 - February 26-27, 2020, Washington DC, HHS Headquarters
 - September 9-10, 2020, Tysons Corner, VA, TBD
- **Send us your comments:** Live during public meetings or via email