

Animal Agriculture and One Health

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The U.S. Beef and Dairy Industries

The sale of **cattle and calves** in the United States 2012 Agriculture Census totaled \$76.4 Billion, **19% of total agricultural sales**

The sale of **milk** in the United States 2012 Agriculture Census totaled \$35.5 billion, **9% of total agricultural sales**

The Industries

- 2012 Agriculture Census
 - 619,172 farms and ranches specializing in **beef cattle**
 - 915,000 total cattle and calf operations
 - Average **beef herd size** of 40 head
- Total cattle and calves - 92 million head as of January 1, 2016
 - 30.3 million **beef cows**
 - 9.3 million **dairy cows**
- In 2015 there were 43,584 **dairy farms** licensed to sell milk, each **averaging** 214 COWS

Beef Industry Health Commitment

- The **Beef Quality Assurance program** started in the 1970s and has continued to expand across different production segments to address subjects such as residues, carcass quality, and animal handling.
 - The history and training/educational documents may be accessed at the BQA site. <http://www.bqa.org/>
- Another example of industry-wide collaboration related to one health is the **Beef Industry Food Safety Council**.
 - <https://www.bifsc.org/>

Beef Industry Health Commitment

- National Cattlemen's Beef Association
 - A consistent long-term focus on food safety and quality
 - I serve as chair of a task force specifically addressing antimicrobial resistance.

Dairy Industry Health Commitment

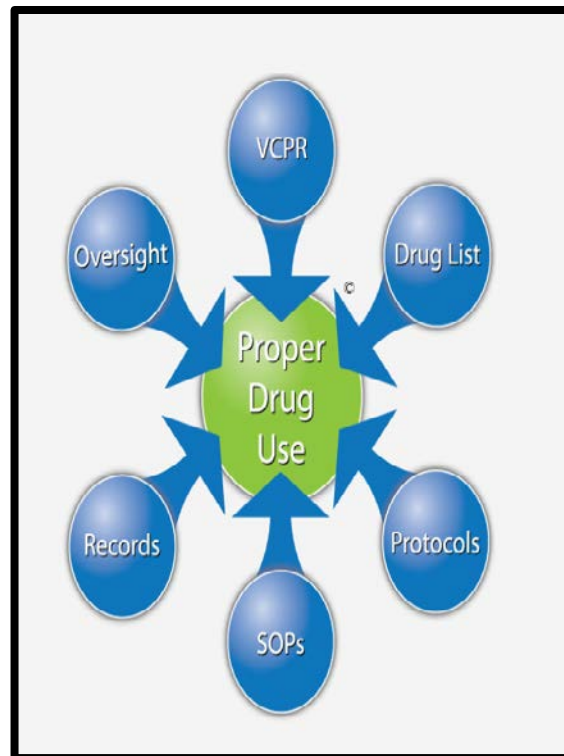
- The Dairy Beef Quality Assurance program
 - <http://www.bqa.org/programs/dairy-bqa>
- The National Dairy FARM program (Farmers Assuring Responsible Management)
 - <http://www.nationaldairyfarm.com/>
- New 2016 FARM Residue Prevention Manual Focuses on Antimicrobial Stewardship
 - <http://www.nmpf.org/latest-news/press-releases/nov-2015/new-2016-farm-residue-prevention-manual-focuses-antimicrobial>

The Veterinary Commitment

- American Association of Bovine Practitioners - Guidelines
 - Drug Use Guidelines for Bovine Practice (2015)
 - Prudent Antimicrobial Use Guidelines for Cattle (2013)
 - Establishing and Maintaining the Veterinary-Client-Patient Relationship in Bovine Practice (2015)
 - AABP/AVMA Judicious Therapeutic Use of Antimicrobials in Cattle
- Academy of Veterinary Consultants
- State VMAs working with State Departments of Agriculture and Extension personnel

The Veterinary Commitment

- A shining example of a veterinary organization taking the lead is the **Wisconsin VMA Food Armor Program**.
<http://www.foodarmor.org/>



What is Stewardship?

