

ANTIBIOTICS IN ANIMALS RAISED FOR FOOD

Antibiotic resistance is a global health concern. No new antibiotic classes have been developed in nearly 30 years. Doctors, veterinarians, researchers and scientists are working to reduce antibiotic resistance and promote responsible antibiotic use.

RESPONSIBILITY

Antibiotics are a type of antimicrobial drug used in the treatment and prevention of bacterial infection. They may either kill or inhibit the growth of bacteria.

RESISTANCE

Bacteria naturally evolve to survive and can, over time, become resistant to antibiotic treatment. Antibiotic misuse may be a catalyst for bacteria's antibiotic resistance.

RESIDUE

FDA sets strict and animal-specific withdrawal times to ensure meat does not contain harmful levels of antibiotics. To ensure our meat is safe to eat, FDA, USDA and food companies routinely test meat for antibiotic residues.

GROWTH PROMOTION

FDA has required the cessation of the use of antibiotics for growth promotion that are "medically important" to human health by January 1, 2017. Significant oversight from veterinarians will now be required to treat animals with antibiotics.

ANTIBIOTICS ARE USED IN 3 MAJOR WAYS

HUMANS

Disease prevention

Before surgeries, people are prescribed antibiotics to prevent infection.

Disease control

Newborn babies often receive antibiotics if born to a mother with an infection.

Disease treatment

A doctor prescribing antibiotics for strep throat.

ANIMALS

Animals are given antibiotics during susceptible stages of life. (i.e. weaning)

If one animal becomes ill and is contagious, an entire group will receive antibiotics to stop the spread of illness.

An animal develops a hoof infection and will need treatment to survive.

TYPES OF ANTIBIOTICS USED

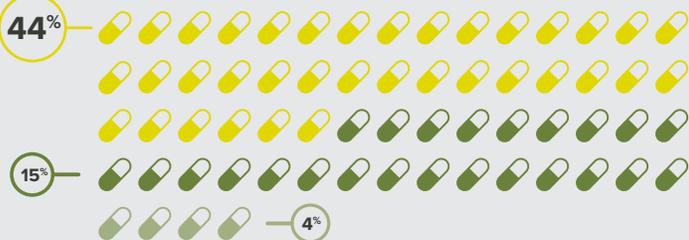
● Penicillin

● Cephalosporins

● Tetracyclines

● Ionophores

HUMANS



ANIMALS



Safe handling and proper cooking procedures may help prevent antibiotic resistant bacteria from ending up on the dinner table.



Fresh beef or pork



145°

Ground beef or pork



160°

Egg dishes



160°

Chicken or turkey



165°

"... we believe that it is inaccurate and alarmist to define bacteria resistant to one, or even a few, antimicrobials as 'superbugs' if these same bacteria are still treatable by other commonly used antibiotics." -The Food & Drug Administration