



ANTIMICROBIAL RESISTANCE
AND STEWARDSHIP INITIATIVE

UNIVERSITY OF MINNESOTA

Driven to DiscoverSM

Veterinary Teaching Hospital Antibiotic Use Point-Prevalence Survey, 2020

Antibiotic prescribing data for dogs and cats were collected on a single day in August 2020 from 14 veterinary teaching hospitals (VTHs) in the U.S. All dogs and cats seen by a veterinarian on emergency and critical care, urgent care, primary care, internal medicine and surgery services were included, for a total of 883 patients (407 inpatients, 476 outpatients).



36%
of cats and dogs were
**prescribed at least one
antibiotic** on the survey date

30% of patients
prescribed
antibiotics had bacterial
susceptibility testing



58%
of inpatients



18%
of outpatients

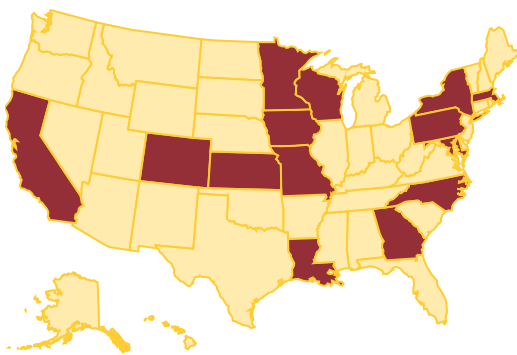


6% of antibiotics
were topical

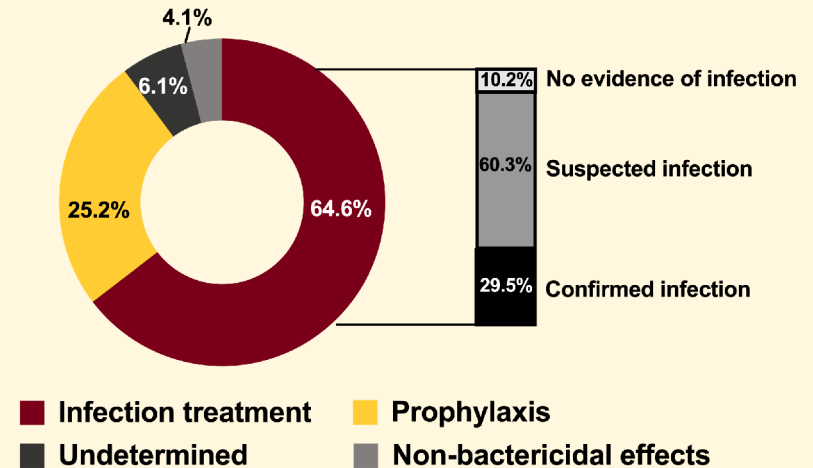


94% of antibiotics
were systemic

States with Participating VTHs



Intended Antibiotic Use



% of common conditions associated with antibiotic prescriptions in dogs and cats



76% of Surgical
49% of Respiratory
44% of Skin
39% of Urinary
17% of GI



88% of Hepatic
48% of Surgical
42% of Skin
33% of Urinary
30% of Neurologic

Most commonly prescribed antibiotics

33% Beta-lactams with
increased activity

24% 1st generation
cephalosporins

16% Fluoroquinolones

6% Imidazoles

To participate in the next study and find free antimicrobial stewardship resources go to arsi.umn.edu

Funded by U.S. Food and Drug Administration through grant number 1U01FD007061-01