



ANTIMICROBIAL RESISTANCE
AND STEWARDSHIP INITIATIVE

UNIVERSITY OF MINNESOTA

Driven to DiscoverSM

Veterinary Teaching Hospital Antibiotic Use Point-Prevalence Survey, 2022

Antibiotic prescribing data for dogs and cats were collected on a single day in August 2022 from 26 veterinary teaching hospitals (VTHs) in the U.S. and 5 VTHs in Canada. 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 1,800 patients (78% dogs, 22% cats; 44% inpatients, 56% outpatients).



30%

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

28%

of patients prescribed antibiotics had bacterial susceptibility testing



47%

of inpatients



18%

of outpatients



9%

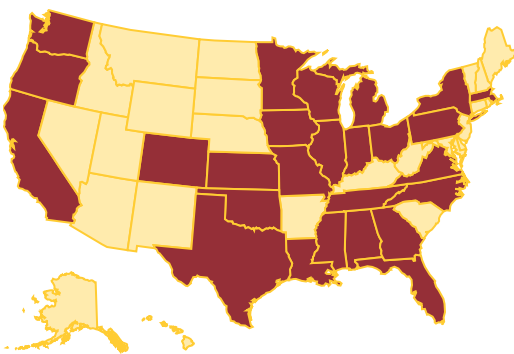
of antibiotics were topical



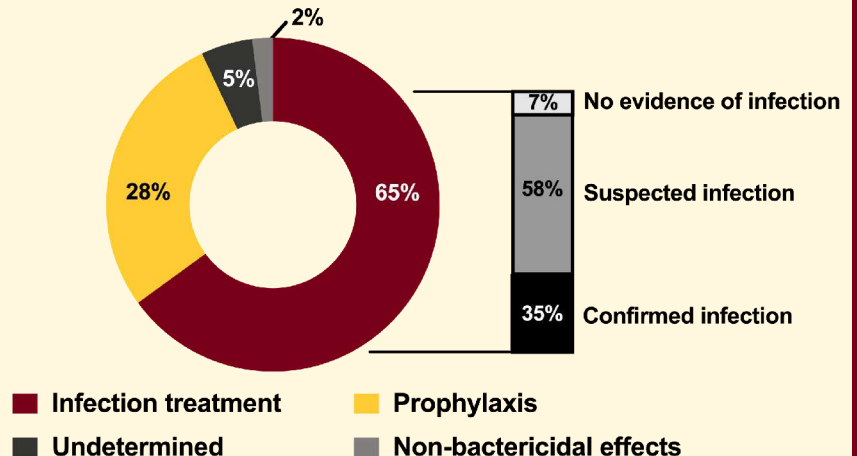
91%

of antibiotics were systemic

States with Participating Hospitals



Intended Antibiotic Use



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



64% of Surgical
41% of Skin
39% of Respiratory
37% of Urinary
17% of GI
9% of Orthopedic*



67% of Surgical
45% of Skin
23% of Urinary
22% of Respiratory
13% of GI
11% of Orthopedic*

* non-surgical orthopedic problems

Most commonly prescribed antibiotics

33% Beta-lactams with increased activity

19% 1st generation cephalosporins

15% Fluoroquinolones

6% Imidazoles

5% Tetracyclines

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.