



ANTIMICROBIAL RESISTANCE
AND STEWARDSHIP INITIATIVE

UNIVERSITY OF MINNESOTA

Driven to DiscoverSM

General and Referral Practices Antibiotic Use Point-Prevalence Survey, 2021

Antibiotic prescribing data for dogs and cats were collected on a single day in August 2021 from 52 general and referral practices in the U.S. All dogs and cats seen by a veterinarian were included, for a total of 2,599 animals (76% dogs, 24% cats). Of the 52 practices, 62% were general practices, 36% were referral hospitals, and 2% was a shelter clinic.



29%

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

10%

of patients prescribed antibiotics had bacterial susceptibility testing



52%

of inpatients



24%

of outpatients



19%

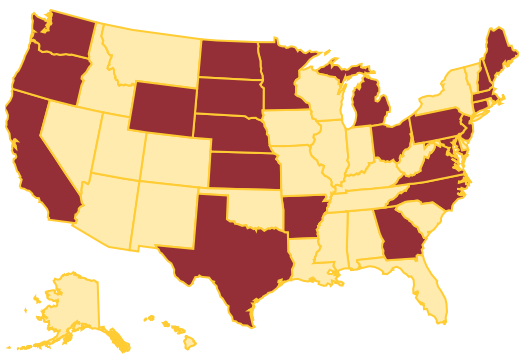
of antibiotics were topical



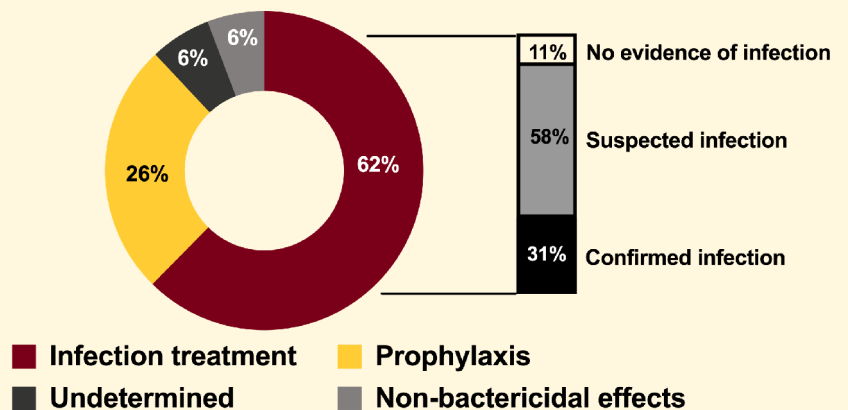
81%

of antibiotics were systemic

States with Participating Clinics



Intended Antibiotic Use



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



55% of Surgical
47% of Skin
42% of GI
14% of Neoplasia
9% of Orthopedic*



46% of Respiratory
28% of Urinary
25% of Surgical
17% of GI
13% of Neoplasia

Wellness visits (no problems identified) were third most common reason for visits
* non-surgical orthopedic problems

Most commonly prescribed antibiotics

24% Beta-lactams with increased activity

13% Imidazoles

13% 1st generation cephalosporins

10% 3rd generation cephalosporins

10% Fluoroquinolones

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

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