

Coagulase positive Staphylococcus includes Staphylococcus aureus, Staphylococcus intermedius, Staphylococcus schleiferi ssp. coagulans, Coagulase positive staphylococcus-methicillin resistant, Staphylococcus aureus-methicillin resistant, and Staphylococcus intermedius-methicillin resistant organisms.

According to the Clinical and Laboratory Standards Institute, % susceptibility values with < 30 unique isolates tested have wide 95% confidence intervals, and should be interpreted with caution.

Feline Prevalent Pathogens & Antimicrobial Susceptibility Patterns

January 1, 2017 to December 31, 2018

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Feline 2017 – 2018⁽¹⁾ Percent Susceptible

	<i>Escherichia coli</i>	<i>Proteus mirabilis</i>	<i>Pseudomonas aeruginosa</i>	<i>Beta Hemolytic Streptococci</i>	<i>Enterococcus faecalis</i>	<i>Enterococcus faecium</i>	<i>Staphylococcus intermedius group</i>	<i>Staphylococcus epidermidis</i>	<i>Staphylococcus felis</i>
Maximum # tested	1883	57	168	174	699	96	148	61	358
Ampicillin	49%	74%	0%	100%	100%	53%	28%	25%	93%
Penicillin	-	-	-	100%	100%	47%	28%	25%	94%
Oxacillin ⁽²⁾	-	-	-	-	-	-	68%	41%	100%
Amoxicillin/Clavulanic Acid	60%	79%	0%	100%	100%	54%	68%	41%	100%
Piperacillin/Tazobactam	100%	100%	96%	-	-	-	-	-	-
Cephalexin	83%	68%	0%	-	-	-	-	-	-
Cephalothin	-	-	-	100%	0%	0%	68%	41%	100%
Cefazolin	93%	72%	0%	100%	0%	0%	68%	41%	100%
Cefovecin	93%	95%	0%	100%	0%	0%	68%	41%	100%
Cefpodoxime	93%	95%	0%	100%	0%	0%	68%	41%	100%
Imipenem	-	-	88%	-	-	-	68%	41%	100%
Enrofloxacin	96%	88%	70%	66%	30%	4%	70%	64%	99%
Marbofloxacin	97%	88%	89%	51%	11%	1%	72%	64%	99%
Orbifloxacin	96%	83%	42%	-	-	-	-	-	-
Pradofloxacin	96%	89%	63%	97%	23%	13%	69%	65%	100%
Clindamycin	-	-	-	85%	0%	0%	66%	39%	59%
Erythromycin	-	-	-	83%	40%	4%	65%	44%	60%
Amikacin	99%	93%	94%	-	-	-	-	-	100%
Gentamicin	98%	89%	92%	41%	-	-	76%	87%	100%
Doxycycline	93%	0%	0%	-	54%	48%	51%	38%	97%
Tetracycline	93%	0%	0%	-	41%	43%	49%	33%	98%
Chloramphenicol	93%	88%	0%	61%	96%	94%	87%	100%	100%
Nitrofurantoin (UTI only)	-	-	-	-	96%	40%	98%	96%	99%
Trimethoprim/Sulphamethoxazole	98%	95%	0%	99%	0%	0%	71%	62%	100%
Rifampin ⁽³⁾	-	-	-	-	49%	31%	99%	98%	100%

⁽¹⁾Multiple years of data were analyzed to gain greater statistical significance.

⁽²⁾Oxacillin susceptibility in the staphylococci predicts susceptibility to all anti-staphylococcal penicillins, cephalosporins, carbapenems, and beta lactam/beta lactamase inhibitor combination drugs.

⁽³⁾Not for monotherapy.