

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
Family Practice/Specialist Offices, All Isolates | January 2023 - December 2023

% Susceptible Gram Positive	Total*	Penicillin(2)	Ampicillin	Oxacillin(1)	Amoxicillin/Clavulanate	Cefotaxime(2)	Ceftriaxone(2)	Meropenem	Gentamicin	Ciprofloxacin(7)	Levofloxacin(7)	Moxifloxacin	Trimethoprim/Sulfa	Clindamycin(5)	Daptomycin(6)	Erythromycin(5)	Nitrofurantoin(3)	Linezolid(4)	Vancomycin	Tetracycline(7)	Gentamicin Synergy(8)	Streptomycin Synergy(8)	Penicillin (non-CSF)(2)	Penicillin V (oral)(2)	Cefotaxime (non-CSF)(2)	Ceftriaxone (non-CSF)(2)
<i>Staph. aureus</i> (MSSA) 74%	602	--	--	100	--	--	--	--	99	91	93	98	100	75	100	68	99	100	100	94	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 26%	211	--	--	0	--	--	--	--	98	39	40	86	96	77	100	20	100	100	100	92	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	630	--	--	58	--	--	--	--	95	78	79	92	78	67	100	53	100	100	100	85	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	18	61	--	--	89	67	67	67	--	--	100	--	50	94	--	50	--	--	100	83	--	--	100	63	100	100
<i>Enterococcus faecalis</i>	958	100	100	--	--	R	R	--	--	82	94	--	R	R	100	--	100	99	100	30	--	--	--	--	--	--
<i>Enterococcus faecium</i>	54	39	44	--	--	R	R	--	--	37	44	--	R	R	89	--	71	100	78	37	--	--	--	--	--	--
<i>Enterococcus spp.</i>	12	92	92	--	--	R	R	--	--	75	75	--	R	R	92	--	83	100	58	42	--	--	--	--	--	--

The % susceptible for each organism/antimicrobial combination was generated by including the first isolate of that organism encountered on a given patient.

R Organism has intrinsic resistance to this antimicrobial.

-- Not tested/indicated for organism.

* Antibiograms created for organisms with less than 30 total isolates have questionable statistical significance. Interpret data with caution.

(1) Oxacillin predicts susceptibility to most cephalosporins, carbapenems, and beta-lactam/beta-lactamase inhibitors.

(2) For *S. pneumoniae*: cefotaxime, ceftriaxone, and penicillin % susceptible listed is based on parenteral CSF (meningitis), parenteral non-CSF, and oral MIC breakpoints.

(3) Nitrofurantoin is reported for isolates from urine only.

(4) Linezolid is reported for isolates from non-urine sources only.

(5) For *Staphylococcus spp.*: clindamycin and erythromycin are reported for isolates from non-urine sources only.

(6) For *Staphylococcus spp.*: daptomycin is reported for isolates from non-respiratory sources only.

(7) For all *Enterococcus spp.*: ciprofloxacin, levofloxacin, and tetracycline are reported for isolates from urine only.

(8) For *E. faecalis* and *E. faecium*: gentamicin and streptomycin high-level resistance testing is reported for isolates from blood cultures only.

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% Susceptible Gram Negative	Total*	Ampicilin	Ampicillin/Sulbactam	Piperacillin/Tazobactam	Cefazolin	Ceftazidime	Ceftazidime/Avibactam	Ceftriaxone	Cefepime	Cefoxitin	Aztreonam	Ertapenem	Imipenem	Meropenem	Amikacin	Gentamicin	Tobramycin	Ciprofloxacin(3)	Levofloxacin(3)	Trimethoprim/Sulfa	Nitrofurantoin (1)	Tetracycline(2)	Tigecycline
<i>Escherichia coli</i>	6309	60	66	98	77	94	100	94	95	97	94	100	100	100	100	93	94	88	88	79	98	78	100
<i>Klebsiella pneumoniae</i>	1170	R	86	99	90	95	100	95	95	96	95	100	99	100	100	97	97	97	98	89	47	85	99
<i>Proteus mirabilis</i>	472	87	92	100	81	99	100	99	99	99	99	100	--	100	100	95	95	90	94	88	R	R	--
<i>Klebsiella (Enterobacter) aerogenes</i>	182	R	R	92	R	87	100	86	100	R	90	99	64	100	100	100	100	99	99	98	27	97	100
<i>Enterobacter cloacae</i> complex	228	R	R	89	R	80	100	74	96	R	79	93	95	100	100	99	99	99	100	94	29	94	99
<i>Serratia marcescens</i>	60	R	R	85	R	75	98	75	100	R	87	98	--	100	100	100	90	98	98	100	R	12	100
<i>Pseudomonas aeruginosa</i>	415	R	R	99	R	100	100	R	99	R	91	R	89	98	98	90	100	93	93	R	--	R	--
<i>Acinetobacter baumannii</i>	6	R	100	--	R	100	--	100	100	R	R	R	100	100	100	100	100	100	100	100	--	100	--
<i>Citrobacter freundii</i> complex	166	R	R	94	R	83	100	80	99	R	82	100	96	100	100	97	98	96	98	87	98	87	100
<i>Morganella morganii</i>	69	R	7	99	R	84	100	87	100	88	91	100	14	100	100	83	97	87	91	72	R	R	0
<i>Providencia</i> spp.	38	R	39	97	R	79	92	97	97	97	84	100	85	100	100	74	74	87	87	89	R	R	0
<i>Salmonella</i> spp.	8	100	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	--	100	--	--	--
<i>Shigella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	25	R	R	R	R	60	--	R	--	R	R	R	R	R	R	R	R	--	92	100	--	R	--
<i>Klebsiella oxytoca</i>	238	R	59	94	17	91	100	89	91	97	89	100	100	100	100	95	95	96	98	88	92	87	100
<i>Haemophilus influenzae</i>	52	Beta-lactamase positive: 33%																					

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(1) Nitrofurantoin is reported for isolates from urine only.

(2) For *A. baumannii*: tetracycline is reported for isolates from urine only.

(3) Ciprofloxacin/Levofloxacin: Enterobacterales & *P. aeruginosa* %Susceptible utilizes CLSI M100 28th Edition breakpoints.