

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
Family Practice/Specialist Offices, All Isolates | January 2022 - December 2022

% 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)	Vancocmycin	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) 75%	522	--	--	100	--	--	--	--	99	90	91	99	99	77	100	68	99	100	100	96	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 25%	174	--	--	0	--	--	--	--	93	39	40	87	97	71	99	17	94	100	100	92	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	635	--	--	58	--	--	--	--	95	78	79	94	79	72	100	56	99	100	100	85	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	26	65	--	--	96	88	88	86	--	--	100	--	69	88	--	68	--	--	100	73	--	--	96	57	96	100
<i>Enterococcus faecalis</i>	774	100	100	--	--	R	R	--	--	87	93	--	R	R	100	--	100	100	100	31	--	--	--	--	--	--
<i>Enterococcus faecium</i>	44	36	36	--	--	R	R	--	--	27	34	--	R	R	98	--	76	100	64	36	--	--	--	--	--	--
<i>Enterococcus spp.</i>	13	85	85	--	--	R	R	--	--	85	85	--	R	R	100	--	82	100	85	54	--	--	--	--	--	--

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	Ampicilin/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>	5553	62	67	98	78	94	100	94	95	97	94	100	100	100	100	93	95	87	88	81	97	79	100
<i>Klebsiella pneumoniae</i>	1025	R	87	99	90	96	100	96	96	96	96	100	100	100	100	98	98	97	98	91	41	86	99
<i>Proteus mirabilis</i>	411	91	95	100	81	99	100	98	99	99	99	100	--	100	100	95	95	86	93	89	R	R	--
<i>Klebsiella (Enterobacter) aerogenes</i>	166	R	R	91	R	82	100	81	100	R	86	97	82	100	100	100	100	99	100	100	25	96	100
<i>Enterobacter cloacae</i> complex	224	R	R	84	R	74	100	63	98	R	73	90	93	100	100	99	98	97	99	88	27	89	99
<i>Serratia marcescens</i>	51	R	R	76	R	76	100	86	100	R	80	100	--	100	100	100	96	96	98	96	R	8	100
<i>Pseudomonas aeruginosa</i>	353	R	R	97	R	97	99	R	95	R	92	R	88	96	97	90	98	94	94	R	--	R	--
<i>Acinetobacter baumannii</i>	5	R	100	--	R	100	--	60	100	R	R	R	100	100	100	100	100	100	100	100	--	100	--
<i>Citrobacter freundii</i> complex	183	R	R	94	R	81	100	80	98	R	81	100	99	100	99	96	96	95	97	85	94	83	99
<i>Morganella morganii</i>	35	R	0	100	R	83	100	83	100	66	89	97	0	100	100	77	91	80	91	71	R	R	0
<i>Providencia</i> spp.	27	R	59	93	R	70	85	96	100	96	74	96	76	100	100	78	78	81	85	93	R	R	0
<i>Salmonella</i> spp.	5	100	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	100	100	--	--	--
<i>Shigella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	11	R	R	R	R	45	--	R	--	R	R	R	R	R	R	R	R	--	82	100	--	R	--
<i>Klebsiella oxytoca</i>	216	R	68	95	17	94	100	91	94	100	91	100	100	100	100	97	95	94	94	98	89	92	100
<i>Haemophilus influenzae</i>	45	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.