

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
 Family Practice/Specialist Offices, All Isolates | January 2024 - December 2024

% 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)	Vancormycin	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%	566	--	--	100	--	--	--	--	99	92	93	98	100	79	100	69	100	100	100	96	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 25%	188	--	--	0	--	--	--	--	98	42	43	87	96	87	99	18	97	100	100	93	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	638	--	--	52	--	--	--	--	95	78	80	96	76	69	100	51	100	100	100	85	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	22	73	--	--	100	91	91	76	--	--	100	--	73	88	--	53	--	--	100	91	--	--	100	73	100	100
<i>Enterococcus faecalis</i>	904	100	100	--	--	R	R	--	--	84	93	--	R	R	100	--	100	99	100	28	--	--	--	--	--	--
<i>Enterococcus faecium</i>	48	40	40	--	--	R	R	--	--	25	40	--	R	R	81	--	69	100	85	40	--	--	--	--	--	--
<i>Enterococcus spp.</i>	8	88	100	--	--	R	R	--	--	75	100	--	R	R	100	--	83	100	71	25	--	--	--	--	--	--

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>	6292	61	66	99	75	92	100	93	93	97	93	100	100	100	100	93	94	87	88	79	98	79	100
<i>Klebsiella pneumoniae</i>	1158	R	86	98	89	95	100	95	95	96	95	100	100	100	100	97	97	97	98	90	51	84	99
<i>Proteus mirabilis</i>	476	88	93	100	80	99	100	98	98	100	99	100	--	100	100	93	93	89	94	86	R	R	--
<i>Klebsiella (Enterobacter) aerogenes</i>	200	R	R	90	R	80	100	75	98	R	86	96	67	100	100	99	100	99	99	98	30	93	100
<i>Enterobacter cloacae</i> complex	258	R	R	85	R	80	100	72	91	R	78	87	96	100	100	98	98	98	99	91	33	90	98
<i>Serratia marcescens</i>	74	R	R	89	R	76	100	78	99	R	78	99	--	100	100	100	99	96	99	97	R	11	100
<i>Pseudomonas aeruginosa</i>	424	R	R	97	R	98	99	R	96	R	92	R	83	94	98	90	100	90	90	R	--	R	--
<i>Acinetobacter baumannii</i>	7	R	86	--	R	100	--	71	100	R	R	R	100	100	100	86	86	100	100	71	--	86	--
<i>Citrobacter freundii</i> complex	203	R	R	94	R	82	100	76	95	R	82	99	99	100	100	95	96	94	95	88	93	85	99
<i>Morganella morganii</i>	54	R	6	96	R	87	100	93	100	80	94	100	11	100	100	89	93	85	89	74	R	R	0
<i>Providencia</i> spp.	39	R	46	97	R	64	95	87	97	90	90	95	59	97	100	92	92	79	85	87	R	R	0
<i>Salmonella</i> spp.	1	100	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	--	100	--	--	--
<i>Shigella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	19	R	R	R	R	58	--	R	--	R	R	R	R	R	R	R	R	--	95	100	--	R	--
<i>Klebsiella oxytoca</i>	232	R	69	95	16	94	100	93	95	97	93	100	99	100	100	97	97	97	98	90	93	90	100
<i>Haemophilus influenzae</i>	40	Beta-lactamase positive: 13%																					

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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.