

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
All Clients, Urine 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) 66%	119	--	--	100	--	--	--	--	98	83	84	--	100	--	100	--	100	100	100	98	--	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 34%	60	--	--	0	--	--	--	--	100	12	13	--	90	--	100	--	98	100	100	88	--	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	656	--	--	48	--	--	--	--	95	74	75	--	74	--	100	--	100	100	100	86	--	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	5	80	--	--	100	100	100	--	--	--	100	--	80	--	--	--	--	--	100	100	--	--	100	80	100	100	100
<i>Enterococcus faecalis</i>	1177	100	100	--	--	R	R	--	--	81	90	--	R	R	100	--	100	99	100	27	--	--	--	--	--	--	--
<i>Enterococcus faecium</i>	95	24	26	--	--	R	R	--	--	21	28	--	R	R	78	--	76	100	72	27	--	--	--	--	--	--	--
<i>Enterococcus spp.</i>	13	92	100	--	--	R	R	--	--	77	100	--	R	R	100	--	92	100	75	31	--	--	--	--	--	--	--

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>	7920	61	66	98	74	91	100	92	92	96	92	100	100	100	100	93	93	86	87	79	98	78	100
<i>Klebsiella pneumoniae</i>	1620	R	85	99	88	94	100	94	94	95	95	100	100	100	100	97	97	96	98	89	50	84	99
<i>Proteus mirabilis</i>	809	85	91	100	75	98	100	98	98	99	99	100	--	100	100	92	92	82	89	83	R	R	--
<i>Klebsiella (Enterobacter) aerogenes</i>	252	R	R	88	R	78	100	73	97	R	86	96	68	100	100	98	99	99	99	97	28	91	100
<i>Enterobacter cloacae</i> complex	329	R	R	78	R	72	100	62	87	R	70	82	95	100	100	97	97	96	98	88	32	88	98
<i>Serratia marcescens</i>	85	R	R	82	R	75	100	74	96	R	76	98	--	100	100	100	99	94	99	95	R	12	96
<i>Pseudomonas aeruginosa</i>	564	R	R	96	R	98	99	R	97	R	92	R	82	93	98	88	99	90	91	R	--	R	--
<i>Acinetobacter baumannii</i>	2	R	100	--	R	100	--	100	100	R	R	R	100	100	100	100	100	100	100	100	--	100	--
<i>Citrobacter freundii</i> complex	286	R	R	93	R	78	100	72	94	R	78	99	98	100	100	94	96	94	95	88	92	84	99
<i>Morganella morganii</i>	72	R	6	97	R	83	100	87	97	85	94	100	8	100	100	87	90	79	85	67	R	R	0
<i>Providencia</i> spp.	60	R	43	98	R	68	97	90	98	93	88	98	60	98	100	72	72	70	75	80	R	R	0
<i>Salmonella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Shigella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	11	R	R	R	R	64	--	R	--	R	R	R	R	R	R	R	R	--	91	100	--	R	--
<i>Klebsiella oxytoca</i>	319	R	64	96	14	92	100	90	92	97	90	100	100	100	100	94	94	96	98	87	93	87	100
<i>Haemophilus influenzae</i>	1	Beta-lactamase positive: 0%																					

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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.