

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
All Clients, Other 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)	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) 73%	658	--	--	100	--	--	--	--	99	92	94	98	100	77	100	68	--	100	100	95	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 27%	245	--	--	0	--	--	--	--	97	41	42	78	95	80	100	19	--	100	100	92	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	128	--	--	62	--	--	--	--	95	88	90	95	76	68	100	52	--	99	100	83	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	23	65	--	--	100	83	87	70	--	--	100	--	70	87	--	48	--	--	100	87	--	--	100	65	96	100
<i>Enterococcus faecalis</i>	138	100	100	--	--	R	R	--	--	78	87	--	R	R	99	--	--	99	99	24	--	--	--	--	--	--
<i>Enterococcus faecium</i>	5	60	60	--	--	R	R	--	--	40	60	--	R	R	60	--	--	100	80	60	--	--	--	--	--	--
<i>Enterococcus spp.</i>	4	75	100	--	--	R	R	--	--	75	75	--	R	R	100	--	--	100	50	50	--	--	--	--	--	--

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

Other Isolates includes isolates from body sites other than urine and blood such as wound, tissue, genital, body fluid, and respiratory.

R Organism has intrinsic resistance to this antimicrobial.

-- Not tested/indicated for organism.

* Antibigrams 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>	88	56	61	98	69	84	99	84	86	95	84	100	100	100	100	90	94	81	82	78	--	76	100
<i>Klebsiella pneumoniae</i>	34	R	85	97	82	85	100	85	85	97	85	100	100	100	100	97	94	91	94	88	--	82	100
<i>Proteus mirabilis</i>	54	85	93	100	83	94	100	94	96	98	96	100	--	100	100	83	83	74	85	78	R	R	--
<i>Klebsiella (Enterobacter) aerogenes</i>	14	R	R	100	R	86	100	86	100	R	93	100	79	100	100	100	100	93	93	100	--	93	100
<i>Enterobacter cloacae</i> complex	50	R	R	94	R	92	100	82	96	R	88	96	98	100	100	98	98	98	100	94	--	94	98
<i>Serratia marcescens</i>	31	R	R	100	R	87	100	90	100	R	94	100	--	100	100	97	97	94	100	100	R	19	100
<i>Pseudomonas aeruginosa</i>	206	R	R	94	R	96	100	R	95	R	88	R	83	92	97	85	98	89	91	R	--	R	--
<i>Acinetobacter baumannii</i>	6	R	83	--	R	100	--	67	100	R	R	R	100	100	100	83	83	100	100	67	--	83	--
<i>Citrobacter freundii</i> complex	9	R	R	100	R	100	100	89	100	R	100	100	100	100	100	100	100	100	100	89	--	89	100
<i>Morganella morganii</i>	16	R	6	100	R	81	100	94	100	88	100	100	31	100	100	88	94	81	88	88	R	R	0
<i>Providencia</i> spp.	8	R	50	100	R	100	100	88	100	88	100	88	75	100	100	75	75	63	63	63	R	R	0
<i>Salmonella</i> spp.	1	100	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	--	100	--	--	--
<i>Shigella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	22	R	R	R	R	50	--	R	--	R	R	R	R	R	R	R	R	--	100	100	--	R	--
<i>Klebsiella oxytoca</i>	31	R	81	97	19	97	100	97	94	97	97	100	97	100	100	100	100	97	100	97	--	97	100
<i>Haemophilus influenzae</i>	55	Beta-lactamase positive: 16%																					

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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.