

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
All Clients, 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) 72%	784	--	--	100	--	--	--	--	98	90	92	98	100	77	100	68	100	100	100	95	--	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 28%	302	--	--	0	--	--	--	--	97	36	37	79	94	80	100	19	98	100	100	91	--	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	795	--	--	50	--	--	--	--	95	76	78	93	74	67	100	51	100	100	100	85	--	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	32	69	--	--	100	84	88	70	--	--	100	--	72	75	--	52	--	--	100	91	--	--	100	69	97	100	
<i>Enterococcus faecalis</i>	1308	100	100	--	--	R	R	--	--	81	90	--	R	R	100	--	100	99	100	27	100	67	--	--	--	--	
<i>Enterococcus faecium</i>	100	26	28	--	--	R	R	--	--	22	30	--	R	R	77	--	76	100	73	29	--	--	--	--	--	--	
<i>Enterococcus spp.</i>	17	88	100	--	--	R	R	--	--	76	94	--	R	R	100	--	92	100	69	35	--	--	--	--	--	--	

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>	8011	61	66	98	74	91	100	91	92	96	92	100	100	100	100	93	93	86	87	79	98	78	100
<i>Klebsiella pneumoniae</i>	1658	R	85	98	88	94	100	94	94	95	94	100	100	100	100	97	97	96	98	89	50	84	99
<i>Proteus mirabilis</i>	861	85	91	100	75	98	100	98	98	99	98	100	--	100	100	92	92	81	89	83	R	R	--
<i>Klebsiella (Enterobacter) aerogenes</i>	267	R	R	89	R	78	100	74	97	R	86	96	69	100	100	99	99	99	99	97	28	91	100
<i>Enterobacter cloacae</i> complex	379	R	R	80	R	74	100	65	88	R	72	84	95	100	100	97	97	97	99	89	32	89	98
<i>Serratia marcescens</i>	116	R	R	87	R	78	100	78	97	R	81	98	--	100	100	99	98	94	99	97	R	14	97
<i>Pseudomonas aeruginosa</i>	770	R	R	96	R	97	99	R	96	R	91	R	83	93	98	88	99	90	91	R	--	R	--
<i>Acinetobacter baumannii</i>	8	R	88	--	R	100	--	75	100	R	R	R	100	100	100	88	88	100	100	75	--	88	--
<i>Citrobacter freundii</i> complex	295	R	R	93	R	79	100	73	94	R	79	99	98	100	100	95	96	94	96	88	92	84	99
<i>Morganella morganii</i>	88	R	6	98	R	84	100	90	98	85	95	100	11	100	100	89	92	81	86	72	R	R	0
<i>Providencia</i> spp.	68	R	44	99	R	72	97	90	99	93	90	97	61	99	100	72	72	69	74	78	R	R	0
<i>Salmonella</i> spp.	1	100	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	--	100	--	--	--
<i>Shigella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	33	R	R	R	R	55	--	R	--	R	R	R	R	R	R	R	R	--	97	100	--	R	--
<i>Klebsiella oxytoca</i>	350	R	66	96	15	92	100	91	93	97	91	100	99	100	100	95	94	96	98	88	93	88	100
<i>Haemophilus influenzae</i>	58	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.