

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
Long-Term/Rehab/Hospice/Home Care, 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) 50%	65	--	--	100	--	--	--	--	95	75	80	98	100	75	100	63	100	100	100	92	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 50%	64	--	--	0	--	--	--	--	97	20	23	51	86	61	100	20	100	100	100	88	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	52	--	--	38	--	--	--	--	92	58	58	50	67	75	100	50	100	100	100	87	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	2	0	--	--	100	50	100	0	--	--	100	--	0	100	--	0	--	--	100	100	--	--	100	0	100	100
<i>Enterococcus faecalis</i>	257	100	100	--	--	R	R	--	--	70	77	--	R	R	100	--	100	100	99	20	--	--	--	--	--	--
<i>Enterococcus faecium</i>	40	15	18	--	--	R	R	--	--	20	23	--	R	R	75	--	84	100	60	23	--	--	--	--	--	--
<i>Enterococcus spp.</i>	4	75	100	--	--	R	R	--	--	75	100	--	R	R	100	--	100	100	75	50	--	--	--	--	--	--

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>	1098	57	64	97	68	86	100	86	87	96	87	100	100	100	100	92	92	81	82	76	96	77	100
<i>Klebsiella pneumoniae</i>	338	R	83	99	84	91	100	91	91	94	91	100	99	100	100	94	94	93	98	88	47	83	98
<i>Proteus mirabilis</i>	294	81	87	100	66	97	100	97	98	98	98	100	--	100	100	87	88	68	81	77	R	R	--
<i>Klebsiella (Enterobacter) aerogenes</i>	32	R	R	75	R	69	100	66	97	R	81	94	78	100	100	97	97	100	100	97	21	81	100
<i>Enterobacter cloacae</i> complex	68	R	R	65	R	53	100	47	75	R	50	75	97	100	100	93	91	90	99	81	28	81	99
<i>Serratia marcescens</i>	26	R	R	85	R	85	100	77	100	R	85	100	--	100	100	96	96	92	100	96	R	23	96
<i>Pseudomonas aeruginosa</i>	215	R	R	92	R	94	100	R	95	R	87	R	76	88	97	84	97	89	91	R	--	R	--
<i>Acinetobacter baumannii</i>	0	R	--	--	R	--	--	--	--	R	R	R	--	--	--	--	--	--	--	--	--	--	--
<i>Citrobacter freundii</i> complex	56	R	R	89	R	63	100	57	91	R	64	100	96	100	100	96	96	91	96	89	91	82	98
<i>Morganella morganii</i>	19	R	11	100	R	68	100	79	89	95	95	100	21	100	100	84	95	63	74	58	R	R	0
<i>Providencia</i> spp.	27	R	44	100	R	81	100	93	100	96	89	100	64	100	100	44	44	56	59	67	R	R	0
<i>Salmonella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Shigella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	5	R	R	R	R	40	--	R	--	R	R	R	R	R	R	R	R	--	100	100	--	R	--
<i>Klebsiella oxytoca</i>	72	R	56	96	10	82	100	79	82	99	79	100	100	100	100	85	85	93	99	79	96	81	100
<i>Haemophilus influenzae</i>	3	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.