

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
Long-Term/Rehab/Hospice/Home Care, All Isolates | January 2023 - December 2023

% 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) 52%	73	--	--	100	--	--	--	--	97	74	77	90	97	63	100	57	100	100	100	92	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 48%	68	--	--	0	--	--	--	--	99	19	19	66	88	50	100	16	100	100	100	84	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	51	--	--	39	--	--	--	--	92	49	51	100	67	67	100	67	98	100	100	84	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	3	67	--	--	100	67	67	50	--	--	100	--	67	100	--	50	--	--	100	67	--	--	100	50	100	100
<i>Enterococcus faecalis</i>	293	100	100	--	--	R	R	--	--	72	81	--	R	R	100	--	100	100	99	26	--	--	--	--	--	--
<i>Enterococcus faecium</i>	46	17	20	--	--	R	R	--	--	13	15	--	R	R	80	--	67	100	46	24	--	--	--	--	--	--
<i>Enterococcus spp.</i>	8	75	75	--	--	R	R	--	--	50	63	--	R	R	100	--	71	100	75	38	--	--	--	--	--	--

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>	1108	58	65	97	70	87	100	86	88	95	88	100	100	100	100	93	93	79	80	79	96	79	100
<i>Klebsiella pneumoniae</i>	285	R	83	98	84	90	100	89	90	96	90	100	99	100	100	95	95	94	97	88	46	83	99
<i>Proteus mirabilis</i>	309	80	88	100	67	95	100	94	95	99	95	100	--	100	100	86	86	62	75	72	R	R	--
<i>Klebsiella (Enterobacter) aerogenes</i>	33	R	R	73	R	61	100	58	100	R	70	97	76	100	100	100	100	94	94	100	21	88	97
<i>Enterobacter cloacae</i> complex	64	R	R	70	R	53	100	48	81	R	58	77	100	100	100	97	92	92	97	80	21	80	95
<i>Serratia marcescens</i>	23	R	R	87	R	83	100	74	100	R	87	96	--	100	100	100	100	70	96	96	R	17	100
<i>Pseudomonas aeruginosa</i>	246	R	R	94	R	93	99	R	93	R	83	R	81	89	98	92	98	88	88	R	--	R	--
<i>Acinetobacter baumannii</i>	3	R	67	--	R	67	--	33	67	R	R	R	67	67	100	100	67	67	67	67	--	67	--
<i>Citrobacter freundii</i> complex	60	R	R	85	R	73	100	67	97	R	75	100	100	100	100	97	97	97	100	90	93	85	100
<i>Morganella morganii</i>	29	R	21	93	R	72	100	76	100	69	90	100	31	100	100	83	100	69	72	72	R	R	0
<i>Providencia</i> spp.	28	R	36	100	R	93	96	100	100	100	89	100	75	100	100	29	29	46	54	79	R	R	0
<i>Salmonella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Shigella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	10	R	R	R	R	30	--	R	--	R	R	R	R	R	R	R	R	--	80	90	--	R	--
<i>Klebsiella oxytoca</i>	76	R	64	99	14	89	100	88	89	97	89	99	100	100	100	92	89	97	100	87	96	87	100
<i>Haemophilus influenzae</i>	2	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.