

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
Long-Term/Rehab/Hospice/Home Care, All Isolates | January 2022 - December 2022

% 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) 47%	69	--	--	100	--	--	--	--	97	71	74	89	96	84	100	73	100	100	100	94	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 53%	79	--	--	0	--	--	--	--	95	14	18	54	85	57	100	15	100	100	100	92	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	60	--	--	43	--	--	--	--	92	50	52	50	71	25	100	0	100	100	100	82	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Enterococcus faecalis</i>	281	100	100	--	--	R	R	--	--	75	79	--	R	R	100	--	99	100	99	23	--	--	--	--	--	--
<i>Enterococcus faecium</i>	36	14	14	--	--	R	R	--	--	11	11	--	R	R	81	--	71	100	56	22	--	--	--	--	--	--
<i>Enterococcus spp.</i>	8	75	88	--	--	R	R	--	--	63	63	--	R	R	100	--	83	100	75	13	--	--	--	--	--	--

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	Ampicilin/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>	1024	61	66	98	72	91	100	91	93	95	92	100	100	100	100	93	93	78	79	81	95	79	100
<i>Klebsiella pneumoniae</i>	316	R	83	98	86	91	100	91	93	93	92	100	99	100	100	98	96	95	97	89	43	85	99
<i>Proteus mirabilis</i>	314	83	91	100	67	97	100	97	98	97	97	100	--	100	100	84	87	55	69	68	R	R	--
<i>Klebsiella (Enterobacter) aerogenes</i>	41	R	R	83	R	78	100	73	98	R	76	95	71	100	100	98	98	88	98	98	23	80	98
<i>Enterobacter cloacae</i> complex	65	R	R	75	R	71	98	65	97	R	66	88	98	100	98	97	97	98	98	92	21	85	98
<i>Serratia marcescens</i>	30	R	R	90	R	90	100	77	100	R	90	97	--	97	100	100	100	90	100	93	R	27	97
<i>Pseudomonas aeruginosa</i>	239	R	R	90	R	91	97	R	92	R	79	R	81	87	97	84	95	84	83	R	--	R	--
<i>Acinetobacter baumannii</i>	1	R	100	--	R	100	--	0	100	R	R	R	100	100	100	100	100	100	100	100	--	100	--
<i>Citrobacter freundii</i> complex	53	R	R	87	R	72	100	60	98	R	66	100	100	100	100	100	100	94	98	89	94	91	98
<i>Morganella morganii</i>	34	R	15	100	R	68	100	76	100	85	97	100	18	100	100	74	100	53	68	53	R	R	0
<i>Providencia</i> spp.	28	R	50	100	R	96	93	100	100	96	96	100	83	100	100	39	43	61	75	86	R	R	0
<i>Salmonella</i> spp.	1	100	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	100	100	100	--	--	--
<i>Shigella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	19	R	R	R	R	32	--	R	--	R	R	R	R	R	R	R	R	--	95	100	--	R	--
<i>Klebsiella oxytoca</i>	79	R	58	97	16	86	100	85	87	96	85	99	97	100	100	91	91	95	97	84	88	76	100
<i>Haemophilus influenzae</i>	0	Beta-lactamase positive: --%																					

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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.