

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report  
Hospital/Surgical Clients, 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) 67%	126	--	--	100	--	--	--	--	100	90	93	99	98	79	100	63	92	100	100	90	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 33%	63	--	--	0	--	--	--	--	100	37	40	80	97	79	100	21	100	100	100	95	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	80	--	--	53	--	--	--	--	95	71	71	90	61	58	100	45	100	100	100	84	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	13	62	--	--	100	69	77	69	--	--	100	--	62	86	--	62	--	--	100	77	--	--	100	64	100	100
<i>Enterococcus faecalis</i>	136	99	99	--	--	R	R	--	--	76	85	--	R	R	99	--	100	99	99	32	67	100	--	--	--	--
<i>Enterococcus faecium</i>	12	25	33	--	--	R	R	--	--	33	25	--	R	R	100	--	80	100	42	33	100	100	--	--	--	--
<i>Enterococcus spp.</i>	5	80	80	--	--	R	R	--	--	80	100	--	R	R	100	--	50	100	80	20	--	--	--	--	--	--

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>	563	64	69	98	78	93	100	93	94	96	93	100	100	100	99	93	94	86	87	80	98	78	100
<i>Klebsiella pneumoniae</i>	149	R	89	99	91	95	100	95	96	95	95	100	99	100	100	98	96	95	99	91	49	87	99
<i>Proteus mirabilis</i>	80	85	89	100	80	99	100	98	99	99	99	100	--	100	100	94	94	73	86	81	R	R	--
<i>Klebsiella (Enterobacter) aerogenes</i>	23	R	R	91	R	87	100	87	100	R	91	100	70	100	100	100	100	100	100	96	11	91	100
<i>Enterobacter cloacae</i> complex	48	R	R	81	R	79	100	73	94	R	81	85	98	100	100	100	100	100	100	92	29	83	96
<i>Serratia marcescens</i>	18	R	R	83	R	78	100	89	100	R	72	100	--	100	100	100	94	100	100	94	R	11	100
<i>Pseudomonas aeruginosa</i>	83	R	R	99	R	99	100	R	99	R	88	R	88	94	99	89	100	94	93	R	--	R	--
<i>Acinetobacter baumannii</i>	1	R	100	--	R	100	--	100	100	R	R	R	100	100	100	100	100	100	100	100	--	100	--
<i>Citrobacter freundii</i> complex	22	R	R	91	R	77	100	68	95	R	82	100	100	100	100	100	95	95	95	91	100	91	100
<i>Morganella morganii</i>	16	R	6	100	R	75	100	81	100	88	94	100	25	100	100	94	100	88	88	94	R	R	0
<i>Providencia</i> spp.	9	R	44	89	R	78	100	100	100	100	78	89	100	100	100	44	44	67	67	78	R	R	0
<i>Salmonella</i> spp.	3	100	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	--	100	--	--	--
<i>Shigella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	7	R	R	R	R	43	--	R	--	R	R	R	R	R	R	R	R	--	86	100	--	R	--
<i>Klebsiella oxytoca</i>	49	R	65	100	20	98	100	98	98	100	98	100	98	100	100	98	98	96	98	90	86	84	100
<i>Haemophilus influenzae</i>	14	Beta-lactamase positive: 14%																					

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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.