

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
Hospital/Surgical Clients, 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)	Vancocmycin	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) 74%	151	--	--	100	--	--	--	--	98	84	87	95	99	80	100	66	100	100	100	92	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 26%	53	--	--	0	--	--	--	--	94	32	32	80	98	82	100	6	100	100	100	91	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	83	--	--	51	--	--	--	--	96	61	61	72	62	61	100	39	98	100	100	88	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	25	64	--	--	92	84	88	80	--	--	100	--	64	90	--	52	--	--	100	88	--	--	95	65	90	95
<i>Enterococcus faecalis</i>	110	100	100	--	--	R	R	--	--	73	80	--	R	R	100	--	100	100	98	25	86	86	--	--	--	--
<i>Enterococcus faecium</i>	5	40	40	--	--	R	R	--	--	20	20	--	R	R	100	--	75	100	60	60	--	--	--	--	--	--
<i>Enterococcus spp.</i>	9	89	100	--	--	R	R	--	--	100	100	--	R	R	100	--	0	100	56	56	--	--	--	--	--	--

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>	550	65	70	99	78	96	100	96	96	97	96	100	100	100	100	95	95	86	87	84	98	84	100
<i>Klebsiella pneumoniae</i>	111	R	89	99	94	99	100	99	99	94	99	100	100	100	100	100	100	100	100	95	46	92	100
<i>Proteus mirabilis</i>	58	79	90	100	72	98	100	97	98	98	98	100	--	100	100	95	97	59	78	72	R	R	--
<i>Klebsiella (Enterobacter) aerogenes</i>	18	R	R	78	R	67	100	56	100	R	72	89	50	100	100	100	100	100	100	100	0	89	94
<i>Enterobacter cloacae</i> complex	37	R	R	81	R	81	100	73	97	R	78	89	100	100	100	100	100	100	100	97	17	100	100
<i>Serratia marcescens</i>	14	R	R	100	R	100	100	93	100	R	100	100	--	100	100	100	100	100	100	93	R	21	100
<i>Pseudomonas aeruginosa</i>	89	R	R	100	R	99	100	R	99	R	89	R	87	99	98	91	98	91	93	R	--	R	--
<i>Acinetobacter baumannii</i>	3	R	100	--	R	100	--	33	100	R	R	R	100	100	100	100	100	100	100	100	--	100	--
<i>Citrobacter freundii</i> complex	25	R	R	96	R	84	100	80	100	R	80	100	100	100	100	88	88	96	100	76	75	80	100
<i>Morganella morganii</i>	10	R	0	100	R	100	100	90	100	80	100	100	10	100	100	100	100	100	100	90	R	R	0
<i>Providencia</i> spp.	8	R	50	88	R	75	88	88	100	100	88	100	100	100	100	75	75	100	100	88	R	R	0
<i>Salmonella</i> spp.	3	100	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	100	100	100	--	--	--
<i>Shigella</i> spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	3	R	R	R	R	0	--	R	--	R	R	R	R	R	R	R	R	--	67	67	--	R	--
<i>Klebsiella oxytoca</i>	44	R	61	98	18	98	100	95	98	98	93	98	98	100	100	98	98	100	100	95	87	93	98
<i>Haemophilus influenzae</i>	20	Beta-lactamase positive: 15%																					

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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.