

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
 % Susceptible | **All Clients, Blood/Systemic Isolates**† | January 2015 - December 2015

Gram Positive	Total	Penicillin(8)	Ampicillin	Oxacillin(3)	Amoxicillin/Clavulanate	Cefotaxime(8)	Ceftriaxone(8)	Meropenem	Gentamicin	Ciprofloxacin(6)	Levofloxacin(6)	Moxifloxacin	Trimethoprim/Sulfa	Clindamycin(4)	Daptomycin(5)	Erythromycin(4)	Nitrofurantoin(1)	Linezolid(2)	Vancomycin	Tetracycline(6)	Gentamicin Synergy(7)	Streptomycin Synergy(7)	Penicillin (non-CSF)(8)	Penicillin V (oral)(8)	Cefotaxime (non-CSF)(8)	Ceftriaxone (non-CSF)(8)
<i>Staph. aureus</i> (MSSA) 71%	15*	7	0	100	100	--	100	--	100	67	73	87	100	87	100	60	--	100	100	100	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 29%	6*	0	0	0	0	--	0	--	100	33	33	50	100	33	100	0	--	100	100	83	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	34	6	0	24	24	--	24	--	62	29	29	53	38	59	100	32	--	100	100	71	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	9*	56	--	--	89	78	89	89	--	--	100	--	67	100	--	56	--	--	100	89	--	--	89	56	89	89
<i>Enterococcus faecalis</i>	10*	100	100	--	--	--	--	--	--	40	40	--	--	--	100	10	--	100	90	10	40	70	--	--	--	--
<i>Enterococcus faecium</i>	5*	0	0	--	--	--	--	--	--	0	0	--	--	--	100	0	--	100	0	0	100	100	--	--	--	--
<i>Enterococcus spp.</i>	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

† 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 are of questionable statistical significance. Interpret data with caution.

(1) Nitrofurantoin is reported for urine sources only.

(2) Linezolid is not indicated for urinary sources.

(3) Oxacillin predicts susceptibility to most cephalosporins, carbapenems, and beta-lactam/beta-lactamase inhibitors.

(4) For *Staphylococcus spp.*: clindamycin and erythromycin are reported for non-urine sources only.

(5) For *Staphylococcus spp.*: daptomycin is reported for non-respiratory sources only.

(6) For all *Enterococcus spp.*: ciprofloxacin, levofloxacin, and tetracycline are reported for urine sources only.

(7) For blood sources: 14% of *E. faecalis* isolates had high-level resistance to both gentamicin and streptomycin.

(8) For *S. pneumoniae*: cefotaxime, ceftriaxone, and penicillin % susceptible listed is based on parenteral CSF (meningitis), parenteral non-CSF, and oral MIC breakpoints.

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 % Susceptible | **All Clients, Blood/Systemic Isolates**† | January 2015 - December 2015

Gram Negative	Total	Ampicillin	Ampicillin/Sulbactam	Piperacillin/Tazobactam	Cefazolin	Cefuroxime	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Aztreonam	Ertapenem	Meropenem	Amikacin	Gentamicin	Tobramycin	Ciprofloxacin	Levofloxacin	Trimethoprim/Sulfa	Nitrofurantoin(1)	Tetracycline(2)
<i>Escherichia coli</i>	28*	57	68	96	82	82	89	86	89	93	93	93	100	100	100	100	96	61	61	86	--	61
<i>Klebsiella pneumoniae</i>	8*	R	63	75	75	88	88	88	88	88	88	88	100	100	100	88	88	88	88	88	--	88
<i>Proteus mirabilis</i>	3*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	67	67	67	67	100	R	R
<i>Enterobacter aerogenes</i>	1*	R	R	100	R	R	100	100	100	100	R	100	100	100	100	100	100	100	100	100	--	100
<i>Enterobacter cloacae</i>	2*	R	R	50	R	R	50	50	50	100	R	50	100	100	100	100	100	100	100	100	--	100
<i>Serratia marcescens</i>	2*	R	R	100	R	R	100	100	100	100	R	100	100	100	100	100	100	100	100	100	R	0
<i>Pseudomonas aeruginosa</i>	10*	R	R	100	R	R	--	100	--	100	R	80	R	90	100	90	100	70	70	R	--	R
<i>Acinetobacter baumannii</i>	0	R	--	--	R	R	--	--	--	--	R	R	R	--	--	--	--	--	--	--	--	--
<i>Citrobacter freundii</i>	0	R	R	--	R	R	--	--	--	--	R	--	--	--	--	--	--	--	--	--	--	--
<i>Morganella morganii</i>	0	R	--	--	R	R	--	--	--	--	--	--	--	--	--	--	--	--	--	--	R	R
<i>Providencia spp.</i>	0	R	--	--	R	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	R	R
<i>Shigella spp.</i>	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	0	R	R	R	R	R	R	--	R	--	R	R	R	R	R	R	R	--	--	--	--	R
<i>Klebsiella oxytoca</i>	1*	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	--	100
<i>Haemophilus influenzae</i>	0	Beta-lactamase positive: --%																				

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(1) Nitrofurantoin is reported for urine sources only.

(2) For *A. baumannii*: tetracycline is reported for urine sources only.