

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report  
 % Susceptible | **All Clients, Urine 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) 49%	109	--	--	100	--	--	--	--	100	63	67	--	100	--	100	--	98	100	100	97	--	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 51%	114	--	--	0	--	--	--	--	99	12	13	--	99	--	100	--	99	100	100	91	--	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	595	--	--	49	--	--	--	--	91	57	58	--	72	--	100	--	100	100	100	88	--	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Enterococcus faecalis</i>	952	100	100	--	--	R	R	--	--	61	67	--	R	R	100	--	100	99	98	23	--	--	--	--	--	--	--
<i>Enterococcus faecium</i>	80	34	34	--	--	R	R	--	--	21	23	--	R	R	96	--	48	99	45	25	--	--	--	--	--	--	--
<i>Enterococcus spp.</i>	12*	92	92	--	--	R	R	--	--	58	58	--	R	R	100	--	83	100	83	50	--	--	--	--	--	--	--

† 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 *E. faecalis* and *E. faecium*: gentamicin and streptomycin high-level resistance testing is reported in blood sources only.

(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, Urine 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>	5676	61	64	98	88	92	96	95	95	96	95	96	100	100	100	93	93	80	80	79	98	79
<i>Klebsiella pneumoniae</i>	1144	R	87	98	94	94	97	97	98	98	96	98	100	100	100	98	98	97	99	92	55	89
<i>Proteus mirabilis</i>	594	80	86	100	91	99	99	99	99	99	99	99	100	100	99	87	89	53	65	73	R	R
<i>Enterobacter aerogenes</i>	129	R	R	97	R	R	95	94	95	100	R	96	99	99	99	99	99	98	98	99	22	93
<i>Enterobacter cloacae</i>	216	R	R	86	R	R	75	77	76	97	R	78	100	100	100	99	99	96	97	91	33	86
<i>Serratia marcescens</i>	35	R	R	91	R	R	89	91	91	97	R	91	100	100	97	97	94	97	100	100	R	6
<i>Pseudomonas aeruginosa</i>	425	R	R	98	R	R	R	95	R	91	R	82	R	93	99	87	96	78	77	R	--	R
<i>Acinetobacter baumannii</i>	6*	R	83	--	R	R	17	33	33	50	R	R	R	100	83	50	67	50	50	67	--	50
<i>Citrobacter freundii</i>	244	R	R	97	R	R	90	89	88	100	R	91	100	100	100	95	96	94	95	89	95	88
<i>Morganella morganii</i>	65	R	12	98	R	R	82	82	97	100	77	95	100	100	100	69	95	48	57	55	R	R
<i>Providencia spp.</i>	50	R	34	100	R	78	98	88	98	98	94	94	96	100	100	68	64	40	44	78	R	R
<i>Shigella spp.</i>	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	13*	R	R	R	R	R	R	85	R	--	R	R	R	R	R	R	R	--	92	100	--	R
<i>Klebsiella oxytoca</i>	188	2	66	93	45	88	95	95	93	95	98	93	99	100	100	98	98	96	96	94	95	92
<i>Haemophilus influenzae</i>	2*	Beta-lactamase positive: 0%																				

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(1) Nitrofurantoin is reported for urine sources only.

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