

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report  
 % Susceptible | **Hospital/Surgical Clients, All 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) 57%	129	--	--	100	--	--	--	--	100	84	86	93	100	75	100	61	100	100	100	95	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 43%	98	--	--	0	--	--	--	--	100	38	40	74	100	73	100	8	100	100	100	97	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	99	--	--	51	--	--	--	--	91	58	60	80	72	72	100	46	100	100	100	82	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	34	61	--	--	88	82	82	79	--	--	100	--	76	ND	--	52	--	--	100	91	--	--	ND	ND	ND	ND
<i>Enterococcus faecalis</i>	120	100	100	--	--	R	R	--	--	63	66	--	R	R	100	--	100	99	97	21	ND	ND	--	--	--	--
<i>Enterococcus faecium</i>	13*	31	31	--	--	R	R	--	--	23	23	--	R	R	100	--	45	100	62	31	ND	ND	--	--	--	--
<i>Enterococcus spp.</i>	3*	100	100	--	--	R	R	--	--	67	67	--	R	R	100	--	100	100	100	33	ND	ND	--	--	--	--

† The % susceptible for each organism/antimicrobial combination was generated by including the first isolate of that organism encountered on a given patient.

**ND No data; unable to compile client group-specific data. Please see individual client antibiogram and/or PLS "All Clients, All Isolates" antibiogram.**

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 | **Hospital/Surgical Clients, All 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>	442	57	62	98	87	89	96	95	95	96	93	95	100	100	100	93	91	75	76	78	97	75
<i>Klebsiella pneumoniae</i>	119	R	89	100	95	95	99	99	99	99	97	99	100	100	100	98	99	99	100	96	61	93
<i>Proteus mirabilis</i>	70	77	80	100	86	96	97	99	99	99	97	97	100	100	99	90	96	56	69	77	R	R
<i>Enterobacter aerogenes</i>	13*	R	R	85	R	R	85	85	92	100	R	85	100	100	100	100	100	77	85	92	13	77
<i>Enterobacter cloacae</i>	39	R	R	82	R	R	74	79	77	97	R	82	100	100	100	97	97	97	97	90	41	90
<i>Serratia marcescens</i>	17*	R	R	88	R	R	100	100	100	100	R	94	100	100	100	94	100	88	94	94	R	12
<i>Pseudomonas aeruginosa</i>	79	R	R	99	R	R	R	97	R	91	R	80	R	95	97	86	96	85	84	R	--	R
<i>Acinetobacter baumannii</i>	5*	R	80	--	R	R	0	60	40	60	R	R	R	100	80	80	80	80	80	40	--	60
<i>Citrobacter freundii</i>	34	R	0	94	R	R	94	91	91	100	R	94	100	100	100	94	97	94	97	85	93	82
<i>Morganella morganii</i>	13*	R	8	100	R	R	92	92	100	100	85	100	100	100	100	77	85	62	69	54	R	R
<i>Providencia spp.</i>	4*	R	75	100	R	75	75	50	75	100	50	100	75	100	100	100	100	50	50	100	R	R
<i>Shigella spp.</i>	3*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	67	--	--
<i>Stenotrophomonas</i>	8*	R	R	R	R	R	R	88	R	--	R	R	R	R	R	R	R	--	100	100	--	R
<i>Klebsiella oxytoca</i>	27*	4	74	100	59	100	100	100	100	100	100	100	100	100	100	100	100	96	93	89	95	93
<i>Haemophilus influenzae</i>	ND	Beta-lactamase positive: ND																				

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(1) Nitrofurantoin is reported for urine sources only.

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