

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report  
 % Susceptible | **Hospital/Surgical Clients, All Isolates**† | January 2016 - December 2016

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) 62%	135	--	--	100	--	--	--	--	99	87	89	98	100	83	100	71	100	100	100	98	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 38%	84	--	--	0	--	--	--	--	98	20	24	70	98	58	100	12	100	100	100	95	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	102	--	--	43	--	--	--	--	88	56	57	70	75	68	100	53	100	100	100	84	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	22*	62	--	--	90	81	86	86	--	--	95	--	62	ND	--	52	--	--	100	76	--	--	ND	ND	ND	ND
<i>Enterococcus faecalis</i>	114	100	100	--	--	R	R	--	--	69	74	--	R	R	100	--	100	100	100	24	ND	ND	--	--	--	--
<i>Enterococcus faecium</i>	6*	67	67	--	--	R	R	--	--	67	67	--	R	R	67	--	50	83	83	67	ND	ND	--	--	--	--
<i>Enterococcus spp.</i>	4*	100	100	--	--	R	R	--	--	50	50	--	R	R	100	--	100	100	100	75	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 2016 - December 2016

Gram Negative	Total	Ampicilin	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>	521	61	64	97	87	90	94	94	94	95	94	94	100	100	100	93	93	78	78	80	97	76
<i>Klebsiella pneumoniae</i>	111	R	91	98	95	95	97	97	97	97	98	97	100	100	100	97	97	97	99	94	55	88
<i>Proteus mirabilis</i>	58	74	79	100	91	98	98	98	98	97	100	98	100	100	100	74	74	47	64	59	R	R
<i>Enterobacter aerogenes</i>	16*	R	R	88	R	R	88	88	88	100	R	88	100	100	100	100	100	100	100	100	10	94
<i>Enterobacter cloacae</i>	36	R	R	97	R	R	92	92	86	97	R	89	100	100	100	97	97	97	97	86	21	92
<i>Serratia marcescens</i>	18*	R	R	89	R	R	89	89	100	100	R	94	100	100	100	100	94	94	100	100	R	17
<i>Pseudomonas aeruginosa</i>	97	R	R	100	R	R	R	97	R	95	R	89	R	95	97	86	96	80	79	R	--	R
<i>Acinetobacter baumannii</i>	5*	R	80	--	R	R	0	40	40	60	R	R	R	100	80	80	80	60	60	60	--	60
<i>Citrobacter freundii</i>	24*	R	R	100	R	R	88	79	88	100	R	92	100	100	100	96	100	92	92	92	100	92
<i>Morganella morganii</i>	14*	R	7	100	R	R	93	100	100	100	93	86	100	100	100	64	79	57	57	57	R	R
<i>Providencia spp.</i>	9*	R	33	100	R	67	89	89	89	89	100	100	100	100	100	78	78	78	78	100	R	R
<i>Shigella spp.</i>	13*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	8	--	--
<i>Stenotrophomonas</i>	11*	R	R	R	R	R	R	64	R	--	R	R	R	R	R	R	R	--	82	100	--	R
<i>Klebsiella oxytoca</i>	25*	8	68	92	44	88	88	88	88	88	96	88	100	100	100	96	92	100	100	96	92	80
<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.