

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report  
 % Susceptible | **Long-Term/Rehab/Hospice/Home Care, 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) 41%	76	--	--	100	--	--	--	--	99	64	64	86	100	63	100	55	100	100	100	95	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 59%	109	--	--	0	--	--	--	--	96	6	6	30	99	25	100	8	98	100	100	96	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	92	--	--	25	--	--	--	--	73	15	18	20	51	33	100	20	99	100	100	84	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	5*	80	--	--	100	100	100	80	--	--	100	--	80	ND	--	80	--	--	100	100	--	--	ND	ND	ND	ND
<i>Enterococcus faecalis</i>	354	99	100	--	--	R	R	--	--	43	49	--	R	R	100	--	100	100	94	18	ND	ND	--	--	--	--
<i>Enterococcus faecium</i>	37	14	14	--	--	R	R	--	--	5	8	--	R	R	95	--	42	100	24	5	ND	ND	--	--	--	--
<i>Enterococcus spp.</i>	3*	67	67	--	--	R	R	--	--	33	33	--	R	R	100	--	50	100	67	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 for isolates from 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 | **Long-Term/Rehab/Hospice/Home Care, 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>	801	53	58	98	84	87	93	93	92	94	92	93	100	100	100	90	89	62	62	75	97	73
<i>Klebsiella pneumoniae</i>	260	R	84	97	90	90	93	93	93	93	95	93	100	100	100	95	94	94	97	90	52	88
<i>Proteus mirabilis</i>	257	71	80	100	87	98	99	98	99	99	99	98	100	100	100	80	83	29	47	61	R	R
<i>Enterobacter aerogenes</i>	23*	R	R	96	R	R	91	91	91	100	R	91	100	100	100	100	100	100	100	100	22	87
<i>Enterobacter cloacae</i>	59	R	R	81	R	R	63	68	66	93	R	71	100	100	100	100	98	95	97	93	38	88
<i>Serratia marcescens</i>	20*	R	R	100	R	R	95	95	95	100	R	95	100	100	100	100	95	85	100	100	R	25
<i>Pseudomonas aeruginosa</i>	261	R	R	96	R	R	R	91	R	84	R	72	R	86	98	81	92	66	63	R	--	R
<i>Acinetobacter baumannii</i>	6*	R	67	--	R	R	50	50	50	67	R	R	R	67	67	33	17	33	33	33	--	50
<i>Citrobacter freundii</i>	64	R	0	98	R	R	89	88	89	98	R	89	100	100	100	95	97	95	95	91	97	89
<i>Morganella morganii</i>	30	R	13	97	R	R	77	80	97	100	77	90	100	100	100	63	97	37	43	40	R	R
<i>Providencia spp.</i>	34	R	21	100	R	79	97	91	97	97	97	97	100	100	100	62	53	21	26	79	R	R
<i>Shigella spp.</i>	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	11*	R	R	R	R	R	R	82	R	--	R	R	R	R	R	R	R	--	82	100	--	R
<i>Klebsiella oxytoca</i>	37	0	57	89	43	86	95	95	92	95	100	92	97	100	100	97	97	95	95	95	97	95
<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.