

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
Long-Term/Rehab/Hospice/Home Care, All Isolates | January 2018 - December 2018

% Susceptible Gram Positive	Total*	Penicillin(2)	Ampicillin	Oxacillin(1)	Amoxicillin/Clavulanate	Cefotaxime(2)	Ceftriaxone(2)	Meropenem	Gentamicin	Ciprofloxacin(7)	Levofloxacin(7)	Moxifloxacin	Trimethoprim/Sulfa	Clindamycin(5)	Daptomycin(6)	Erythromycin(5)	Nitrofurantoin(3)	Linezolid(4)	Vancomycin	Tetracycline(7)	Gentamicin Synergy(8)	Streptomycin Synergy(8)	Penicillin (non-CSF)(2)	Penicillin V (oral)(2)	Cefotaxime (non-CSF)(2)	Ceftriaxone (non-CSF)(2)
<i>Staph. aureus</i> (MSSA) 46%	70	--	--	100	--	--	--	--	99	59	59	89	100	59	99	41	100	100	100	91	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 54%	82	--	--	0	--	--	--	--	98	15	18	56	100	38	100	13	100	100	100	87	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	67	--	--	39	--	--	--	--	91	37	37	80	72	70	100	60	98	99	100	87	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Enterococcus faecalis</i>	260	100	100	--	--	R	R	--	--	54	58	--	R	R	99	--	100	100	94	21	ND	ND	--	--	--	--
<i>Enterococcus faecium</i>	25	24	24	--	--	R	R	--	--	20	20	--	R	R	92	--	83	100	32	24	ND	ND	--	--	--	--
<i>Enterococcus spp.</i>	10	50	50	--	--	R	R	--	--	70	70	--	R	R	90	--	86	100	60	40	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 have questionable statistical significance. Interpret data with caution.

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

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

(3) Nitrofurantoin is reported for isolates from urine only.

(4) Linezolid is reported for isolates from non-urine sources only.

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

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

(7) For all *Enterococcus spp.*: ciprofloxacin, levofloxacin, and tetracycline are reported for isolates from urine only.

(8) For *E. faecalis* and *E. faecium*: gentamicin and streptomycin high-level resistance testing is reported for isolates from blood cultures only.

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
Long-Term/Rehab/Hospice/Home Care, All Isolates | January 2018 - December 2018

% Susceptible 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>	823	56	62	97	83	83	91	91	91	92	91	91	100	100	100	92	91	67	67	80	97	76
<i>Klebsiella pneumoniae</i>	264	R	88	98	89	89	95	95	95	95	94	95	99	100	100	96	95	94	96	91	61	84
<i>Proteus mirabilis</i>	227	77	87	100	86	95	97	97	97	97	98	97	100	100	100	81	83	42	57	67	R	R
<i>Enterobacter aerogenes</i>	31	R	R	84	R	R	84	77	77	100	R	90	97	100	100	100	100	100	100	100	18	90
<i>Enterobacter cloacae</i>	51	R	R	80	R	R	65	67	69	98	R	73	100	100	100	98	98	96	98	86	27	84
<i>Serratia marcescens</i>	18	R	R	83	R	R	89	89	94	94	R	89	100	100	100	100	94	89	94	94	R	17
<i>Pseudomonas aeruginosa</i>	201	R	R	96	R	R	R	90	R	89	R	84	R	88	98	84	95	73	69	R	--	R
<i>Acinetobacter baumannii</i>	4	R	75	--	R	R	0	50	50	50	R	R	R	75	75	75	75	50	50	50	--	50
<i>Citrobacter freundii</i>	35	R	R	94	R	R	80	77	80	100	R	83	100	100	100	97	97	94	97	91	97	83
<i>Morganella morganii</i>	35	R	23	97	R	R	89	89	97	100	71	91	100	100	100	77	94	49	63	63	R	R
<i>Providencia spp.</i>	25	R	28	100	R	48	100	88	100	100	96	96	100	100	96	28	28	32	36	92	R	R
<i>Shigella spp.</i>	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	11	R	R	R	R	R	R	27	R	--	R	R	R	R	R	R	R	--	91	100	--	R
<i>Klebsiella oxytoca</i>	54	4	69	94	37	89	96	96	96	96	93	96	100	100	100	100	98	94	96	96	100	94
<i>Haemophilus influenzae</i>	ND	Beta-lactamase positive: 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 have questionable statistical significance. Interpret data with caution.

(1) Nitrofurantoin is reported for isolates from urine only.

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