

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report  
Family Practice/Specialist Offices, All Isolates | January 2017 - December 2017

% Susceptible Gram Positive	Total*	Penicillin(2)	Ampicillin	Oxacillin(1)	Amoxicillin/Clavulanate	Cefotaxime(8)	Ceftriaxone(8)	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) 66%	606	--	--	100	--	--	--	--	98	89	90	98	99	79	100	64	100	100	100	95	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 34%	315	--	--	0	--	--	--	--	99	39	41	86	100	82	99	14	100	100	100	93	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	631	--	--	57	--	--	--	--	95	68	69	88	77	68	100	54	100	100	100	89	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	17	65	--	--	94	76	71	71	--	--	100	--	59	ND	--	41	--	--	100	71	--	--	ND	ND	ND	ND
<i>Enterococcus faecalis</i>	569	100	100	--	--	R	R	--	--	77	84	--	R	R	100	--	100	100	99	27	ND	ND	--	--	--	--
<i>Enterococcus faecium</i>	28	61	64	--	--	R	R	--	--	29	36	--	R	R	89	--	63	100	75	29	ND	ND	--	--	--	--
<i>Enterococcus spp.</i>	22	91	91	--	--	R	R	--	--	64	68	--	R	R	100	--	85	100	100	45	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  
Family Practice/Specialist Offices, All Isolates | January 2017 - December 2017

% Susceptible 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>	4246	59	63	98	89	92	96	95	95	96	96	96	100	100	100	93	93	82	82	78	98	77
<i>Klebsiella pneumoniae</i>	800	R	88	99	97	94	98	98	98	98	96	98	100	100	100	99	99	98	99	91	59	90
<i>Proteus mirabilis</i>	271	88	92	100	91	99	100	100	100	99	98	99	100	100	99	94	94	87	89	89	R	R
<i>Enterobacter aerogenes</i>	108	R	R	95	R	R	94	93	94	100	R	96	100	100	100	100	100	97	98	98	35	95
<i>Enterobacter cloacae</i>	158	R	R	91	R	R	84	85	84	99	R	87	100	100	100	100	99	94	96	89	30	91
<i>Serratia marcescens</i>	46	R	R	91	R	R	89	93	98	100	R	91	100	100	100	100	87	87	89	96	R	9
<i>Pseudomonas aeruginosa</i>	277	R	R	99	R	R	R	98	R	96	R	88	R	98	99	87	96	83	83	R	--	R
<i>Acinetobacter baumannii</i>	11	R	100	--	R	R	36	100	55	91	R	R	R	100	100	100	100	100	100	100	--	91
<i>Citrobacter freundii</i>	168	R	R	93	R	R	86	86	85	99	R	86	100	100	100	96	96	95	98	90	96	90
<i>Morganella morganii</i>	39	R	5	95	R	R	92	90	95	100	79	87	97	100	97	87	92	90	90	79	R	R
<i>Providencia spp.</i>	25	R	44	96	R	72	100	84	100	100	92	92	100	100	100	68	68	80	80	96	R	R
<i>Shigella spp.</i>	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	16	R	R	R	R	R	R	56	R	--	R	R	R	R	R	R	R	--	88	100	--	R
<i>Klebsiella oxytoca</i>	146	3	70	97	47	89	97	97	95	97	97	95	100	100	100	97	97	97	97	94	96	92
<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.