

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
Hospital/Surgical Clients, All Isolates | January 2019 - December 2019

% 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) 64%	123	--	--	100	--	--	--	--	98	90	92	96	100	82	100	66	100	100	100	93	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 36%	70	--	--	0	--	--	--	--	94	33	36	75	97	70	100	21	100	100	100	90	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	71	--	--	48	--	--	--	--	94	56	53	70	68	67	100	61	100	100	100	90	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	30	63	--	--	100	93	90	80	--	--	100	--	63	ND	--	37	--	--	100	77	--	--	ND	ND	ND	ND
<i>Enterococcus faecalis</i>	116	100	100	--	--	R	R	--	--	76	82	--	R	R	100	--	100	100	97	32	100	100	--	--	--	--
<i>Enterococcus faecium</i>	9	44	44	--	--	R	R	--	--	33	33	--	R	R	89	--	100	100	44	11	100	100	--	--	--	--
<i>Enterococcus spp.</i>	3	100	100	--	--	R	R	--	--	100	100	--	R	R	100	--	0	100	100	67	100	100	--	--	--	--

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
Hospital/Surgical Clients, All Isolates | January 2019 - December 2019

% 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>	518	63	67	98	89	91	95	95	95	95	95	95	100	100	100	92	91	79	80	78	97	79
<i>Klebsiella pneumoniae</i>	135	R	90	98	93	93	98	97	98	98	96	98	100	100	100	98	96	96	97	90	56	87
<i>Proteus mirabilis</i>	80	84	89	100	89	98	99	99	99	99	96	99	100	100	100	86	85	61	76	75	R	R
<i>Enterobacter aerogenes</i>	9	R	R	78	R	R	78	67	78	100	R	89	100	100	100	100	100	100	100	100	29	100
<i>Enterobacter cloacae</i>	18	R	R	89	R	R	94	94	94	100	R	94	100	100	100	100	100	100	100	94	38	89
<i>Serratia marcescens</i>	11	R	R	91	R	R	100	100	100	100	R	100	100	100	100	100	100	100	100	100	R	0
<i>Pseudomonas aeruginosa</i>	78	R	R	97	R	R	R	94	R	92	R	90	R	95	97	88	95	79	83	R	--	R
<i>Acinetobacter baumannii</i>	6	R	100	--	R	R	67	100	83	83	R	R	R	100	100	83	100	100	100	100	--	67
<i>Citrobacter freundii</i>	14	R	R	93	R	R	86	86	86	100	R	86	100	100	100	100	93	100	100	86	100	86
<i>Morganella morganii</i>	11	R	18	100	R	R	100	100	100	100	91	91	100	100	100	91	91	82	91	73	R	R
<i>Providencia spp.</i>	7	R	43	86	R	86	100	100	100	100	100	100	100	100	100	71	86	71	71	86	R	R
<i>Shigella spp.</i>	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	0	--	--
<i>Stenotrophomonas</i>	6	R	R	R	R	R	R	17	R	--	R	R	R	R	R	R	R	--	83	100	--	R
<i>Klebsiella oxytoca</i>	36	R	75	94	44	92	97	97	97	97	100	97	100	100	100	97	97	94	97	97	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.