

Table I. Gram-Negative Bacilli [1] Norton Women's & Children's Hospital 2024	Number Tested	Penicillins					Cephalosporins					Monobactam	Carbapenems		Aminoglycosides			Others				
		Ampicillin	Amoxicillin/Clavulanate	Ampicillin/Sulbactam	Piperacillin/Tazobactam (%S) [2]	Piperacillin/Tazobactam (%SDD) [2]	Oral cephalosporins for uncomplicated UTI	Cefazolin	Cefepime (%S) [3]	Cefepime (%SDD) [3]	Ceftazidime	Ceftriaxone	Aztreonam	Ertapenem	Meropenem	Amikacin	Gentamicin	Tobramycin	Ciprofloxacin	Levofloxacin	Nitrofurantoin [4]	Trimeth/Sulfa
Citrobacter freundii complex [5]	32	R	R	R	*	*	R	97	0	75	69	*	100	100	*	91	94	88	88	87	84	
Citrobacter koseri	23	R	100	100	*	*	96	100	0	96	96	*	100	100	*	96	100	100	100	87	96	
Enterobacter cloacae complex [6]	70	R	R	R	76	0	R	80	6	59	60	64	79	100	100	94	94	93	100	24	83	
Escherichia coli	1057	49	87	59	97	2	84	67	89	2	90	87	89	99	100	99	91	90	73	76	98	73
Klebsiella aerogenes	24	R	R	R	*	*	R	100	0	83	75	*	96	100	*	100	100	96	96	39	100	
Klebsiella oxytoca	51	R	90	71	*	*	20	94	2	94	90	*	100	100	*	98	94	90	92	90	86	
Klebsiella pneumoniae	229	R	92	79	87	3	87	79	89	1	91	88	90	100	100	100	95	94	86	93	51	86
Morganella morganii	21	R	R	10	*	*	R	95	5	71	76	*	100	100	*	81	95	57	57	R	62	
Proteus mirabilis	127	90	98	96	100	0	96	78	96	2	98	95	96	100	100	100	96	96	80	80	R	85
Pseudomonas aeruginosa	136	R	R	R	90		R	90		91	R	80	R	90	95		99	82	79	R	R	
Serratia marcescens	19	R	R	R	*	*	R	100	0	58	68	*	100	100	*	100	89	95	95	R	100	
Stenotrophomonas maltophilia	19	R	R	R	R		R				R	R	R	R	R	R	R	100			100	

For antimicrobials listed, number shown is the percentage of unique isolates susceptible by current CLSI breakpoints, unless otherwise noted.

Please exercise discretion when data are reviewed for species with fewer than 30 isolates due to reduced statistical validity.

*Data is not shown for species or species/antimicrobial combinations that have fewer than 10 isolates.

A value of R indicates that this organism is intrinsically resistant to the antimicrobial agent.

[1] All organisms in this table are intrinsically resistant to oxacillin, penicillin, clindamycin, erythromycin, vancomycin, linezolid, and daptomycin.

[2] Interpretation of Susceptible (S) is based on dosage regimen of 3.375-4.5g administered every 6 hours as a 30 minute infusion. Interpretation of Susceptible Dose-Dependent (SDD) is based on a dosage regimen of 4.5g administered every 6 hours as a 3 hour infusion or 4.5g administered every 8 hours as a 4 hour infusion.

[3] Interpretation of Susceptible (S) is based on dosage regimen of 1g administered every 12 hours. Interpretation of Susceptible Dose-Dependent (SDD) is based on 2g administered every 8 hours.

[4] Nitrofurantoin susceptibility is based on urine isolates only.

[5] C. freundii complex consists of the species C. braakii, C. freundii, C. murlinae, C. sedlaki, C. werkmanii, and C. youngae.

[6] E. cloacae complex consists of the species E. asburiae, E. cloacae, E. hormaechei, E. kobei, E. ludwigii, and E. nimipressuralis.

**Table II.
Gram-Positive Cocci [1]**

**Norton Women's &
Children's Hospital 2024**

	Number Tested	Penicillins				Cephalosporins		Gram + Coverage						Others				
		Amoxicillin/Clavulanate	Ampicillin	Oxacillin	Penicillin	Cefazolin	Ceftriaxone	Gentamicin Synergy	Clindamycin [2,3]	Erythromycin [3]	Azithromycin [3]	Vancomycin	Linezolid	Daptomycin [4]	Levofloxacin	Nitrofurantoin [3]	Tetracycline	Trimeth/Sulfa
Staphylococcus aureus	360	54		54		54			79	42		99	100	99			93	96
Methicillin-resistant S. aureus	166	0		0		0			77	20		100	100	100			93	94
Methicillin-susceptible S. aureus	194	100		100		100			80	60		99	100	99			92	98
Staphylococcus epidermidis	100	40		40		40			48	19		100	100	100		100	80	57
Staphylococcus haemolyticus	11	9		9		9			*	*		100	100	100		*	73	55
Staphylococcus hominis	10	60		60		60			*	*		100	100	100		*	80	60
Staphylococcus lugdunensis	15	67		67		67			85	62		100	100	100		*	87	100
Staphylococcus simulans	10	70		70		70			*	*		100	100	100		100	90	100
Other coagulase-negative staphylococci	11	82		82		82			*	*		100	100	91		*	91	100
Enterococcus faecalis	80		99		99	R	R	85	R	36		96	100	100		100	34	R
Enterococcus faecium	18		50		50	R	R	89	R	13		67	100	94 (SDD)		*	50	R
Group B Streptococcus (S. agalactiae)	31		100		100		100		32	29	32	100			100		13	R
Streptococcus anginosus [5]	30		100		100		100		80	50	50	100			100		27	
Streptococcus constellatus [5]	24		88		96		100		83	63	63	100			100		58	
Streptococcus intermedius [5]	12		100		100		100		67	50	50	100			100		67	
Streptococcus pneumoniae	24	100			See Table III		See Table III	100	75	75	100				100		100	83
Viridans streptococci	33		82		73		97		94	34	38	100			82		85	
Aerococcus urinae	25		88		88		88		*	*	*	100			64		84	R

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Please exercise discretion when data are reviewed for species with fewer than 30 isolates due to reduced statistical validity.

*Data is not shown for species or species/antimicrobial combinations that have fewer than 10 isolates.

A value of R indicates that this organism is intrinsically resistant to the antimicrobial agent.

[1] All organisms in this table are intrinsically resistant to aztreonam.

[2] MRSA: 9% inducible resistance, 14% constitutive resistance; MSSA: 16% inducible resistance, 4% constitutive resistance; Coag-neg Staph (all species): 6% inducible resistance, 29% constitutive resistance.

[3] Clindamycin and erythromycin data are based on non-urine isolates only. Nitrofurantoin susceptibility is based on urine isolates only.

[4] For E. faecium only, daptomycin interpretation of SDD is based on dosage regimen of 8-12 mg/kg administered every 24 hours and is intended for serious E. faecium infections only. There is no S category for E. faecium with daptomycin. For other Enterococcus species, daptomycin interpretation of S is based on a dosage regimen of 6 mg/kg administered every 24 hours.

[5] S. anginosus, S. constellatus, and S. intermedius together comprise the S. anginosus complex.

Table III.
Streptococcus
pneumoniae
Penicillin & Ceftriaxone

**Norton Women's &
 Children's Hospital 2024**

	Penicillin - IV meningitis	Penicillin - IV non-meningitis	Penicillin - Oral	Ceftriaxone - IV meningitis	Ceftriaxone - IV non-meningitis
Percent Susceptible	79	100	79	88	100
Percent Intermediate	-	0	8	12	0
Percent Resistant	21	0	12	0	0