

**Table I.  
Gram-Negative Bacilli [1]**

**Norton Clark and Norton  
Scott Hospitals  
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
<b>Acinetobacter species</b>	15	R	R	R	53		R	67	100					73		100	93	73	73		80	
<b>Citrobacter freundii complex [5]</b>	26	R	R	R	* *		R	96	0	73	65	*	100	100	*	92	92	77	85	96	69	
<b>Citrobacter koseri</b>	15	R	93	93	* *		93	100	0	100	93	*	100	100	*	100	100	100	100	83	100	
<b>Enterobacter cloacae complex [6]</b>	60	R	R	R	86	10	R	88	2	77	65	76	93	100	100	97	95	92	95	26	83	
<b>Escherichia coli</b>	844	52	88	63	98	1	85	70	89	1	90	87	87	99	100	99	92	91	68	72	97	74
<b>Klebsiella aerogenes</b>	27	R	R	R	* *		R	96	4	81	81	*	100	100	*	100	100	96	100	27	100	
<b>Klebsiella oxytoca</b>	61	R	100	87	* *		16	97	2	97	95	*	100	100	*	95	97	90	95	89	97	
<b>Klebsiella pneumoniae</b>	204	R	94	78	97	0	88	79	89	1	89	88	84	99	99	97	94	92	85	93	53	83
<b>Morganella morganii</b>	21	R	R	0	90	10	R	95	5	86	95	80	100	100	100	90	95	90	90	R	86	
<b>Proteus mirabilis</b>	109	81	94	92	100	0	85	65	93	2	98	90	88	98	99	96	87	85	65	67	R	71
<b>Proteus vulgaris</b>	14	R	86	64	* *		R	100	0	100	43	*	100	100	*	100	100	93	93	R	100	
<b>Pseudomonas aeruginosa</b>	136	R	R	R	93		R	90	91	R		82	R	93	90		98	82	77	R	R	
<b>Serratia marcescens</b>	22	R	R	R	* *		R	86	5	59	68	*	95	95	*	95	91	82	86	R	91	
<b>Stenotrophomonas maltophilia</b>	14	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 Clark and Scott Hospitals 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
<b>Staphylococcus aureus</b>	258	53		53		53			73	38		100	99	99			85	93
Methicillin-resistant <i>S. aureus</i>	120	0		0		0			66	13		100	100	99			83	88
Methicillin-susceptible <i>S. aureus</i>	138	100		100		100			79	60		100	99	100			88	98
<b>Staphylococcus epidermidis</b>	79	33		33		33			38	23		100	99	100		100	76	48
<b>Staphylococcus haemolyticus</b>	12	50		50		50			*	*		100	100	100		100	58	92
<b>Other coagulase-negative staphylococci</b>	25	68		68		68			57	43		100	100	100		100	68	88
<b>Enterococcus faecalis</b>	63		98		98	R	R	73	R	26		89	100	94		*	27	R
<b>Other Enterococcus species</b>	11		82		64	R	R	82	R	20		82	100	73		*	36	R
<b>Streptococcus anginosus group [5]</b>	26		100		100				92	85	85	100			100		62	
<b>Streptococcus pneumoniae</b>	18	100			See Table III		See Table III		94	71	71	100			100		89	89
<b>Viridans streptococci</b>	13		85		85		100		85	23	23	100			100		46	
<b>Aerococcus urinae</b>	15		93		93		93		*	*	*	100			80		80	R

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 aztreonam.

[2] MRSA: 7% inducible resistance, 25% constitutive resistance; MSSA: 12% inducible resistance, 9% constitutive resistance; Coagulase-negative staphylococci (all species): 21% inducible resistance, 32% constitutive resistance

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

[4] For other *Enterococcus* species, includes strains of *E. faecium* that tested SDD.

[5] *Streptococcus anginosus* group consists of the species *S. anginosus*, *S. constellatus*, and *S. intermedius*.

**Table III.**  
***Streptococcus***  
***pneumoniae***  
**Penicillin & Ceftriaxone**  
  
**Norton Clark and Scott**  
**Hospitals 2024**

	Penicillin - IV meningitis	Penicillin - IV non-meningitis	Penicillin - Oral	Ceftriaxone - IV meningitis	Ceftriaxone - IV non-meningitis
<b>Percent Susceptible</b>	83	100	83	94	100
<b>Percent Intermediate</b>	-	0	17	6	0
<b>Percent Resistant</b>	17	0	0	0	0