

Table I. Gram-Negative Bacilli [1]  All Norton System Hospital Locations 2025	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	Minocycline	Nitrofurantoin [4]	Trimeth/Sulfa	
<b>Achromobacter xylosoxidans</b>	43				81			23	71	30		21			97	35	26	26	32	91			88	
<b>Acinetobacter baumannii complex [5]</b>	87	R	R	68			R	79	84	60		R			76	95	84	90	54	88	96		74	
<b>Other Acinetobacter species</b>	37			95				95	92	81					97	100	100	95	76	100	*		89	
<b>Aeromonas species</b>	18	R	R	R	78			R	100	89		100				100	94							89
<b>Alcaligenes faecalis</b>	14				92			79	93	93		8			100	100	93	93	46	*			71	
<b>Citrobacter amalonaticus group [6]</b>	42	R	57	62	* *		5	90	2	95	43	*		100	100	*	98	100	93	90	*	72	93	
<b>Citrobacter freundii complex [7]</b>	255	R	R	R	91	4		R	93	4	72	66		72	97	100	100	95	86	89	89	93	88	
<b>Citrobacter koseri</b>	164	R	96	98	98	2		93	99	1	99	99		98	100	100	100	99	98	98	94	92	98	
<b>Enterobacter cloacae complex [8]</b>	542	R	R	R	80	1		R	81	6	70	62		73	81	99	99	94	87	91	87	33	84	
<b>Escherichia coli</b>	6951	50	86	59	97	1	84	67	89	1	90	87		90	99	99	99	90	72	75	92	97	73	
<b>Ewingella americana</b>	13	0	100	69	* *			69	100	0	100	100		*	100	100	100	100	100	100	*	45	100	
<b>Hafnia alvei</b>	24	R	R	R	* *			R	92	0	33	29		*	96	96	*	100	100	96	96	*	57	100
<b>Klebsiella aerogenes</b>	225	R	R	R	79	7		R	96	2	76	68		74	95	100	100	97	97	99	92	26	97	
<b>Klebsiella oxytoca</b>	399	R	84	65	86	5		13	89	4	91	83		81	99	100	100	94	89	93	81	88	86	
<b>Klebsiella pneumoniae</b>	1818	R	89	75	88	2	83	76	86	1	87	85		80	99	99	99	94	81	90	88	50	81	
<b>Klebsiella variicola</b>	48	R	92	88	98	2		90	96	0	96	96		93	98	100	98	98	96	100	91	*	94	
<b>Kluyvera ascorbata</b>	14	7	57	36	* *			14	57	14	64	43		*	100	100	*	100	100	57	64	*	64	64
<b>Morganella morganii</b>	216	R	R	8	98	1		R	94	3	70			66	99	100	99	92	79	80	45	R	79	
<b>Pantoea agglomerans</b>	21	29	100	95	91	0		19	100	0	100	100		100	100	100	100	100	95	95	100	*	100	
<b>Proteus mirabilis</b>	980	83	97	93	99	0	92	71	95	1	99	94		95	99	99	99	93	73	75	R	R	77	
<b>Proteus vulgaris</b>	78	R	83	71	97	0		R	86	5	92	33		69	99	99	100	100	91	91	R	R	88	
<b>Providencia rettgeri</b>	66	R	R	53	88	4		R	85	12	94			62	98	100	96	100	86	88	R	R	88	
<b>Providencia stuartii</b>	59	R	R	22	100	0		R	90	7	78			87	97	100	93	R	R	42	41	R	73	
<b>Pseudomonas aeruginosa</b>	1300	R	R	R	88			R	89	90	R			78	R	94	96		86	82	R	R	R	
<b>Pseudomonas fluorescens/putida</b>	41				90			88	95	75				41		89	88	88	84	97			20	
<b>Salmonella species</b>	20	90						R		95							R	R	R				95	
<b>Serratia marcescens</b>	212	R	R	R	55	6		R	88	8	45	55		59	97	99	98	96	86	89	94	95	R	96
<b>Stenotrophomonas maltophilia</b>	153	R	R	R	R	R		R		R				R			R	R	R	92				95

This table includes data on organisms isolated from specimens collected at locations within Norton Audubon Hospital, Norton Brownsboro Hospital, Norton Children's Hospital, Norton Children's Hospital. 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 isolates from urine only

[5] A. baumannii complex consists of the species A. baumannii, A. calcoaceticus, A. nosocomialis, and A. pittii.

[6] C. amalonaticus group consists of the species C. amalonaticus and C. farmeri.

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

[8] 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]  All Norton System Hospital Locations 2025	Number Tested	Penicillins				Cephalosporins		Gram + Coverage				Others					
		Amoxicillin/Clavulanate	Ampicillin	Oxacillin	Penicillin	Cefazolin	Ceftriaxone	Gentamicin Synergy	Clindamycin [2,3]	Erythromycin [3]	Vancomycin	Linezolid	Daptomycin [4]	Levofloxacin	Nitrofurantoin [3]	Tetracycline	Trimeth/Sulfa
<b>Staphylococcus aureus</b>	2904	54	54		54			77	43	100	99	99	71		90	94	
Methicillin-resistant <i>S. aureus</i>	1335	0	0		0			77	19	100	99	99	47		87	90	
Methicillin-susceptible <i>S. aureus</i>	1569	100	100		100			78	62	100	100	99	91		92	98	
<b>Staphylococcus capitis</b>	22	52	52		52			55	41	100	100	100	59	*	86	86	
<b>Staphylococcus caprae</b>	10	70	70		70			*	*	100	100	100	100	*	90	90	
<b>Staphylococcus epidermidis</b>	797	31	31		31			42	25	99	99	99	70	99	75	51	
<b>Staphylococcus haemolyticus</b>	77	19	19		19			*	*	100	100	100	47	94	66	53	
<b>Staphylococcus hominis</b>	71	51	51		51			63	28	99	99	99	79	96	68	62	
<b>Staphylococcus lugdunensis</b>	143	66	66		66			81	70	100	100	100	98	97	92	96	
<b>Staphylococcus pettenkoferi</b>	14	29	29		29			*	*	100	100	93	86	*	100	93	
<b>Staphylococcus pseudintermedius</b>	30	77	77		77			61	61	100	100	100	80	*	53	63	
<b>Staphylococcus simulans</b>	54	72	72		72			*	*	100	100	100	76	98	85	93	
<b>Other coagulase-negative staphylococci</b>	36	53	53		53			67	47	100	97	94	81	100	86	86	
<b>Enterococcus avium</b>	43		98	98	R	R	95	R	42	100	100	100		92	30	R	
<b>Enterococcus faecalis</b>	629		98	98	R	R	80	R	24	95	99	98		100	25	R	
<b>Enterococcus faecium</b>	94		29	24	R	R	91	R	4	44	99	93 (SDD)		60	26	R	
<b>Enterococcus raffinosus</b>	15		40	7	R	R	100	R	*	100	100	100		*	7	R	
<b>Other Enterococcus species</b>	20		100	100	R	R	95	R	46	90	100	75		*	60	R	
<b>Group A Streptococcus (S. pyogenes)</b>	32		100	100		100		69	66	100			100		56	R	
<b>Group B Streptococcus (S. agalactiae)</b>	92		100	100		100		37	25	100			100		13	R	
<b>Group C/G Streptococcus (S. dysgalactiae)</b>	30		100	100		100		60	50	100			100		43		
<b>Streptococcus anginosus [5]</b>	189		98	99		100		75	49	100				99		40	
<b>Streptococcus constellatus [5]</b>	78		97	99		100		69	58	100				99		67	
<b>Streptococcus intermedius [5]</b>	75		100	100		100		68	55	100				99		64	
<b>Streptococcus pneumoniae</b>	160	97		See Table III		See Table III		84	49	100				99		79	77
<b>Viridans streptococci</b>	194		66	63		92		82	34	100				89		66	
<b>Aerococcus urinae</b>	242		96	96		97		*	*	100				74		82	R
<b>Aerococcus viridans</b>	56		93	86		89		73	18	100				50		84	73

This table includes data on organisms isolated from specimens collected at locations within Norton Audubon Hospital, Norton Brownsboro Hospital, Norton Children's Hospital, Norton Children's Medical Center, Norton Hospital, Norton Clark Hospital, Norton Scott Hospital, Norton West Louisville Hospital, Norton Women's and Children's Hospital, Norton King's Daughters Hospital and Norton Medical Center.

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: 8% inducible resistance, 15% constitutive resistance; MSSA: 17% inducible resistance, 4% constitutive resistance; Coag-neg Staph (all species): 4% inducible resistance, 40% 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**  
**All Norton System**  
**Hospital Locations 2025**

	Penicillin - IV meningitis	Penicillin - IV non-meningitis	Penicillin - Oral	Ceftriaxone - IV meningitis	Ceftriaxone - IV non-meningitis
<b>Percent Susceptible</b>	65	98	65	89	100
<b>Percent Intermediate</b>	-	1	22	11	0
<b>Percent Resistant</b>	35	1	13	0	0