WISCONSIN DIAGNOSTIC LABORATORIES
Long Term Care Non-Nursing Home Facilities
In-Vitro Antimicrobial Susceptibility Summary
Percent Susceptible
2021

		Aminoglycosides					Beta-lactam Antibiotics										Cephalosporins						Quinolones												
	# of Isolates	Gentamicin	Gentamicin 500 Synergy [d]	Tobramycin	Amikacin	Streptomycin 1000 Synergy [d]	Amoxicillin	Amoxicillin / Clavulanate Acid	Ampicillin	Ampicillin / Sulbactam	Aztreonam	Ertapenem	Meropenem	Penicillin	Piperacillin / Tazobactam	Oxacillin	Cefazolin (Non-Urine)	Ceftriaxone	Ceftazidime	Cefepime	Ceftaroline	Cefuroxime (Oral)	Ciprofloxacin	Moxifloxacin	Levofloxacin	Trimethoprim / Sulfamethoxazole	Tetracycline	Minocycline	Doxycycline	Linezolid	Clindamycin	Erythromycin	Daptomycin	Vancomycin	Nitrofurantoin [e]
Acinetobacter baumannii complex	≤ 10																																		
Citrobacter freundii complex [a]	33	94		94	100			0	0	0	77	100	100		76		0	76	76	97		0	95			88	88								88
Citrobacter amalonaticus / farmeri	≤ 10																																		
Citrobacter koseri / diversus	≤ 10																																		
Enterobacter cloacae complex [b]	44	94		94	100			0	0	0	67	95	100		57		0	57	57	82		0	80			89	84								35
Escherichia coli	554	91		90	100			82	58	63	92	100	100		91		77	92	92	94		79	73			82	81								96
Klebsiella aerogenes	≤ 10																																		
Klebsiella oxytoca / Raoultella ornithinolytica	36	100		100	100			97	0	61	97	100	100		97		44	97	97	100		92	100			100	97								94
Klebsiella pneumoniae	148	97		98	100			95	0	88	97	100	100		96		86	96	95	95		93	89			91	87								40
Klebsiella variicola	27	100		100	100			100	0	95	100	100	100		100		96	100	100	100		89	93			100	96								78
Morganella morganii	16	93		100	100			0	0	29	100	100	100		86		0	86	86	100		0	81			94	56								0
Proteus mirabilis	139	92		90	100			98	81	89	98	100			98		0	99	98	99		96	54			86	0								0
Proteus vulgaris / hauseri	≤ 10																																		
Providencia rettgeri	≤ 10																																		
Providencia stuartii	≤ 10																																		
Pseudomonas aeruginosa	123	96		99	100						85		93		88				88	91			88												
Serratia marcescens	≤ 10																																		
Stenotrophomonas maltophilia	≤ 10																																		
Enterococcus faecalis	243		73						98					96											70[e]		23[e]			98[f]			95	95	100
Enterococcus faecium	32		97						38					38											38[e]		38[e]			88[f]			100	56	
Staphylococcus coagulase negative	19															42[c]	42						26				95		100		58	47		100	100
Staphylococcus coagulase positive	81															47[c]	47						33	43		84	90		98	100	77	41	100	100	100
Streptococcus agalactiae (Group B)	≤ 10																																		
Streptococcus dysgalactiae / canis	≤ 10																																		
Streptococcus pneumoniae	≤ 10																																		
Streptococcus viridans group	≤ 10																																		

[a] *Citrobacter freundii* complex includes *C. braakii, C. freundii, C. gillenii, C. murliniae, C. rodentium, C. sedlakii, C. werkmanii,* and *C. youngae*

[b] *Enterobacter cloacae* complex includes *E. cloacae, E. asburiae, E. hormaechei, E. kobei, E. ludwigii,* and *E. nimipressuralis*

[c] Oxacillin resistant Staphylococcus species are considered resistant to other beta lactam agents including: ß-lactam/ß-lactamase inhibitor combinations, cephems (with the exception of the cephalosporins with anti-MRSA activity), and carbapenems.

[d] For treatment of blood isolates only

[e] For treatment of urine isolates only

[f] Linezolid reported only for vancomycin resistant *Enterococcus*

****Results for species with <30 isolates may lack statistical validity due to large confidence intervals**