WISCONSIN DIAGNOSTIC LABORATORIES

Long Term Care Non-Nursing Home Facilities
In-Vitro Antimicrobial Susceptibility Summary
Percent Susceptible
2019

		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	Ceftriaxone	Ceftazidime	Cefepime	Ceftaroline	Cefuroxime	Ciprofloxacin	Moxifloxacin	Levofloxacin	SXT	Tetracycline	Doxycycline	Linezolid	Clindamycin	Erythromycin	Daptomycin	Vancomycin	Nitrofurantoin[e]
Acinetobacter baumannii complex	≤10																																
Citrobacter freundii complex[a]	48	98		98	100			0	0	0	73	100	100		73		0	73	73	92		0	88			86	88						96
Citrobacter amalonticus/farmeri	≤10																																
Citrobacter koseri/diversus	18	100		100	100			100	0	100	100	100	100		100		89	100	100	100		83	100			100	100						47
Enterobacter cloacae complex[b]	45	93		93	100			0	0	0	68	100	100		51		0	51	51	87		0	93			80	93						22
Escherichia coli	738	92		92	100			76	59	62	93	100	100		91		73	91	91	93		87	73			83	81						98
Klebsiella aerogenes	13	100		100	100			0	0	0	85	100	100		85		0	83	85	100		0	85			100	100						15
Klebsiella oxytoca/Raoultella ornithinolytica	46	89		89	100			85	0	48	87	100	100		85		37	85	85	89		76	89			87	80						83
Klebsiella pneumoniae	212	97		96	100			90	0	81	93	100	100		91		81	92	92	95		86	93			90	83						42
Morganella morganii	22	82		91	100			0	0	41	95	100	100		82		0	82	82	100		0	68			77	55						0
Proteus mirabilis	197	96		96	100			95	82	85	99	100	100		98		0	98	98	99		95	66			82	0						0
Proteus vulgaris/hauseri	≤10																																
Proteus penneri	≤10																																
Providencia rettgeri	≤10																																
Providencia stuartii	≤10																																
Pseudomonas aeruginosa	155	97		99	100						81		92		91				91	97			84										
Serratia marcescens	≤10																																
Stenotrophomonas maltophilia	≤10																																
Enterococcus faecalis	345		70			89			100														72[e]				19[e]		99			99	100
Enterococcus faecium	40		95			68			18														18[e]				38[e]		85			45	
Staphylococcus coagulase negative	23	100														65[c]	65						39				96	96		70	57		100	100
Staphylococcus coagulase positive	132	97														49[c]	49				100[d]		42	47		91	83	89	99	72	41	98	100	100
Streptococcus dysgalactiae/canis	≤10																																
Streptococcus viridans	≤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

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