WISCONSIN DIAGNOSTIC LABORATORIES

Long Term Care Non-Nursing Homes
In-Vitro Antimicrobial Susceptibility Summary

Percent Susceptible 2017

		Aminoglycosides			Beta-lactam Antibiotics								Cephalosporins														
	# of Isolates	Gentamicin	Tobramycin	Amikacin	Ampicillin	Amoxicillin/ Clavulanate	Aztreonam	Imipenem	Meropenem	Oxacillin	Penicillin	Piperacillin/ Tazobactam	Cefazolin	Cefuroxime	Ceftriaxone	Ceftazidime	Cefepime	Ciprofloxacin	Levofloxacin	TMP/SMX	Clindamycin	Erythromycin	Linezolid	Tetracycline	Doxycycline	Vancomycin	Nitrofurantoin
Achromobacter species	≤10																										
Acinetobacter species	17	82	94	94				76	67						41	78	72	59	59								
Alcaligenes faecalis	≤10																										
Citrobacter freundii complex[a]	93	97	97	100	0	0	83	100	100			80	0	10	80	80	98	96	96	90				88			90
Citrobacter koseri/diversus complex	22	100	100	100	0	100	100	100	100			100	91	95	100	100	100	100	100	100				100			41
Citrobacter amalonaticus/farmeri complex	≤10																										
Enterobacter species	111	97	98	100	0	0	75	100	100			73	0	0	73	73	89	95	95	91				88			16
Escherichia coli	1110	93	93	100	56	76	95	100	100			93	76	90	94	94	95	73	73	73				77			97
Klebsiella oxytoca	74	99	99	100	0	92	95	100	100			93	15	93	93	93	96	97	95	95				99			77
Klebsiella pneumoniae	339	98	98	100	0	95	97	99	99			95	91	94	96	96	98	96	93	93				92			37
Morganella morganii	30	90	100	100	0	0	100		100			93	0	0	93	93	100	93	87	87				63			0
Proteus mirabilis	230	95	95	100	83	95	99					97	0	96	98	98	100	71	80	80				0			0
Proteus vulgaris/penneri complex	12	100	100	100	0	50	100		100			50	0	0	50	50	100	92	83	83				0			0
Providencia rettgeri	≤10																										
Providencia stuartii	22	0	0	100	0	0	100		100			95	0		95	95	100	23	32	32				0			0
Pseudomonas aeruginosa	178	97	98	100			83	74	85			90				91	91	82	82								
Pseudomonas spp not aeruginosa	≤10																										
Serratia marcescens	18	100	94	100	0	0	100	83	100			89	0	0	89	89	100	100	100					0			0
Stenotrophomonas maltophilia	≤10																										
Enterococcus faecalis	546				99													64	64				99	16	32	99	100
Enterococcus faecium	57				40													42	42				89	35	70	63	
Staphylococcus coagulase negative	30	97								34[b]	0		34					34	34		50	41	100	91	97	100	100
Staphylococcus coagulase positive	155	95								52[b]	0		53					48	48	97	71	44	100	90	94	100	100
Streptococcus dysgalactiae	≤10																										
Streptococcus pneumoniae	≤10																										
Streptococcus viridans group	≤10																										

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

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

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