WISCONSIN DIAGNOSTIC LABORATORIES

Outpatient In-Vitro Antimicrobial Susceptibility Summary
Percent Susceptible 2016

		Aminoglycosides			Beta-lactam Antibiotics											Cephalosporins					Quinolone			Macrolides								
	# of Isolates	Gentamicin	Tobramycin	Amikacin	Ampicillin	Amoxicillin/ Clavulanate	Aztreonam	Ertapenem	Imipenem	Meropenem	Oxacillin	Penicillin	Penicillin (IV)	Penicillin (Oral)	Piperacillin/ Tazobactam	Cefazolin	Cefuroxime	Ceftriaxone	Ceftazidime	Cefepime	Ciprofloxacin	Levofloxacin	Moxifloxacin	Clindamycin	Azithromycin	Erythromycin	TMP/SMX	Linezolid	Tetracycline	Doxycycline	Vancomycin	Nitrofurantoin
Achromobacter species	≤10																															
Acinetobacter baumanii	28	93	96	100					100	100								71	96	96	89	89					82					
Acinetobacter species	31	100	100	100					100	100								84	89	89	96	96					94					
Aeromonas species	≤10																															
Alcaligenes faecalis	≤10																															
Citrobacter freundii complex[a]	60	97	97	100	0	0	93	98	98	98					90	0	0	90	90	100	97	97	97				85		92			88
Citrobacter koseri/diversus complex	69	100	100	100	0	97	100	100	100	100					100	97	100	100	100	100	99	99	99				99		99			40
Citrobacter amalonticus/farmeri complex	≤10																															
Enterobacter aerogenes	59	100	100	100	0	0	93			98					92	0	0	93	93	98	100	100	100				100		98			19
Enterobacter cloacae complex	94	99	99	100	0	0	93	99		99					85	0	0	85	85	91	96	96	96				91		89			13
Escherichia coli	3168	94	94	100	56	82	96	100	100	100					94	83	94	95	95	96	88	88	88				80		79			98
Klebsiella oxytoca	68	97	99	100	0	96	96	100	100	100					96	46	91	96	96	96	99	99	99				91		93			86
Klebsiella pneumoniae	320	95	95	100	0	88	94	99	99	99					88	87	91	92	92	94	98	98	98				94		86			35
Morganella morganii	28	89	89	100	0	0	96	100		100					93	0	0	93	93	96	81	81	81				79		46			0
Pantoea species	15	100	100	100	53	80	94	100		100					87	47	60	82	82	88	100	100	100				100		94			58
Proteus mirabilis	268	96	94	100	84	96	100	99							98	24	95	98	98	100	90	90	90				89		3			0
Proteus vulgaris/penneri	≤10																															
Providencia species	≤10																															
Pseudomonas aeruginosa	139	93	98	99			92		77	94					96				95	95	85	85										
Pseudomonas species not *aeruginosa*	29	100	97	100			38		90	90					97				94	94	90	90										
Salmonella species	13				69													100		100							92					
Serratia species	27	100	88	100	0	0	100	100							93	0	0	93	93	93	100	100	100				100		0			0
Shigella species	57				89													100		100	98						35					
Stenotrophomonas maltophilia	20																		50			95					95					
Enterococcus faecalis	1168				100																93	93						99	25	45	100	100
Enterococcus faecium	20				60																60	60						95	30	65	70	
Staphylococcus coagulase negative	176	99									60[b]	0									82	82	82	77	60	60	97	100	86	93	100	99
Staphylococcus coagulase positive	910	98									72[b]	0									78	78	79	79	53	53		100	92	96	100	100
Group B *Streptococcus*	56																					100		63	52	52		98	21		100	
Streptococcus dysgalactiae/canis	13											100										100		69	69	69		100	69		100	
Streptococcus pneumoniae	107													86								99	99	93	58	58	80	100	92		100	
Streptococcus pneumoniae (Menigitis)													86					97														
Streptococcus pneumoniae (Non-Menigitis)													100					97														
Streptococcus viridans group	19											95										89		74				100			100	

[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 beta 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**