

WISCONSIN DIAGNOSTIC LABORATORIES

Outpatient In-Vitro Antimicrobial Susceptibility Summary Percent Susceptible 2017

	# of Isolates	Aminoglycosides			Beta-lactam Antibiotics										Cephalosporins				Quinolone			Macrolides			TMP/SMX	Linezolid	Tetracycline	Doxycycline	Vancomycin	Nitrofurantoin						
		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				
<i>Acinetobacter baumannii</i> complex	19	95	100	100					95	95								63	95	100	95	95				95										
<i>Acinetobacter</i> species	26	100	100	100					100	100								73	97	94	96	96				100										
<i>Aeromonas</i> species	12	100		100			100	100						100	17	92	92	92	92	92	92	92	92			100		92								
<i>Citrobacter freundii</i> complex ^a	96	94	94	100	0	0	92	100	100	100				90	0	13	90	90	100	98	98	98				89		86					95			
<i>Citrobacter koseri/diversus</i> complex	84	100	100	100	0	98	100	100	100	100				98	93	96	98	98	99	100	100	100				99		100						34		
<i>Citrobacter amalonticus/farmeri</i> complex	12	92	92	100	0	67	75	100	100	100				75	17	50	75	75	92	83	83	83				92		100						50		
<i>Enterobacter aerogenes</i>	80	100	100	100	0	0	94			100				94	0	0	94	94	100	100	100	100				100		98						15		
<i>Enterobacter cloacae</i> complex	152	99	99	100	0	0	93	100	100	100				89	0	0	90	90	97	98	98	98				92		89						15		
<i>Escherichia coli</i>	4460	93	94	100	62	82	96	100	100	100				94	83	93	95	95	96	88	88	88				81		81						98		
<i>Klebsiella oxytoca</i>	119	97	97	100	0	93	97	100	100	100				95	32	96	97	97	97	97	97	97				95		93						87		
<i>Klebsiella pneumoniae</i>	600	99	98	100	0	94	98	100	100	100				94	90	94	97	98	98	97	97	97				94		89						35		
<i>Morganella morganii</i>	31	97	97	100	0	0	97	100		100				90	0	0	90	90	100	90	90	90				90		68						0		
<i>Proteus mirabilis</i>	308	96	96	100	92	98	100	99						99	0	97	99	99	100	93	93	93				93		0						0		
<i>Proteus vulgaris/penneri</i>	11	100	100	100	0	45	100	91		91				45	0	0	45	45	100	100	100	100				100		0						0		
<i>Providencia rettgeri/stuartii</i>	11	82	82	100	0	0	100	100		100				100	0		100	100	100	91	91	91				100		36						0		
<i>Pseudomonas aeruginosa</i>	194	95	96	99			90		82	91				93				92	92	85	85															
<i>Pseudomonas</i> species not <i>aeruginosa</i>	21	100	100	100			24		90	82				95				93	100	100	100															
<i>Salmonella</i> species	26				77													96		96		100				96										
<i>Serratia</i> species	44	100	93	100	0	0	100	96	72	100				93	0	0	93	93	95	98	98	98						0						0		
<i>Stenotrophomonas maltophilia</i>	44																				77					100										
<i>Enterococcus faecalis</i>	1072				100															91	91							100	26	43	100	100				
<i>Enterococcus faecium</i>	43				60															52	52						100	45	84	81						
<i>Staphylococcus coagulase negative</i>	283	99									73 ^b	0					73			83	83		75	63	62	100	89	96	100	100						
<i>Staphylococcus coagulase positive</i>	1036	98									74 ^b	0				74				75	75		75	53	53	97	100	93	96	100	100					
Group B <i>Streptococcus</i>	50												100									100		53	38	38	100	8					100			
<i>Streptococcus dysgalactiae/canis</i>	18																					100		50	39	39	100	78						100		
<i>Streptococcus pneumoniae</i>	68																					100	100	88	54	54	79	100	87					100		
<i>Streptococcus pneumoniae (Menigitis)</i>																																				
<i>Streptococcus pneumoniae (Non-Menigitis)</i>																																				
<i>Streptococcus viridans</i> group	68																																			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: β-lactam/β-lactamase inhibitor combinations, cepheims (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