

WISCONSIN DIAGNOSTIC LABORATORIES

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

	# of isolates	Aminoglycosides				Beta-lactam Antibiotics								Cephalosporins					Quinolones																
		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	Minocycline	Doxycycline	Linezolid	Clindamycin	Erythromycin	Daptomycin	Vancomycin	Nitrofurantoin ^e
<i>Acinetobacter baumannii</i> complex	15	33		40	47				67	0		40				21	40	47				33			47		67								
<i>Citrobacter freundii</i> complex ^a	42	95		93	100		0	0	0	63		100		62		0	62	62	98		0	90			88	83								90	
<i>Citrobacter amalonticus/farmeri</i>	11	100		100	100		27	0	0	45	100	100		73		0	73	73	100		27	100			100	100								0	
<i>Citrobacter koseri/diversus</i>	18	94		94	100		94	0	94	94	100	100		94		94	94	94	94		78	94			100	100									29
<i>Enterobacter cloacae</i> complex ^b	64	100		98	100		0	0	0	83	84	100		75		0	77	77	89		0	98			88	84									16
<i>Escherichia coli</i>	762	92		90	100		66	51	54	87	100	100		83		64	85	85	88		79	65			77	75									97
<i>Klebsiella aerogenes</i>	11	100		100	100		0	0	0	64	100	100		64		0	64	64	100		0	100			100	100									0
<i>Klebsiella oxytoca/Raoultella ornithinolytica</i>	50	94		92	100		88	0	44	92	100	100		90		26	90	90	94		90	92			92	90								82	
<i>Klebsiella pneumoniae</i>	240	95		93	100		85	0	75	89	100	100		85		78	88	88	89		80	89			88	79								33	
<i>Morganella morganii</i>	49	90		98	100		0	0	20	100	100	100		88		0	88	88	100		0	71			76	49								0	
<i>Proteus mirabilis</i>	324	93		93	100		93	78	85	100	100	100		96		0	97	97	99		94	56			79	0								0	
<i>Providencia rettgeri</i>	≤10																																		
<i>Providencia stuartii</i>	41	0		0	100		0	0	22	100		100		90		0	90	90	98		0	2			88	0								0	
<i>Pseudomonas aeruginosa</i>	235	94		98	99					74		80		85				84	90			74													
<i>Serratia marcescens</i>	11	100		100	100		0	0	0	100	100	100		82		0	82	82	100		0	91				0									0
<i>Stenotrophomonas maltophilia</i>	≤10																																		
<i>Enterococcus faecalis</i>	456		67			86			99													65 ^e				17 ^e			98				97	100	
<i>Enterococcus faecium</i>	74		96			68			12													13 ^e				26 ^e			86				34		
<i>Staphylococcus coagulase negative</i>	29	96												48 ^c	48							55				83	90		76	52		100	100		
<i>Staphylococcus coagulase positive</i>	206	96												45 ^c	45					98 ^d		30	33		91	85	93	100	70	33	100	100	100		
<i>Streptococcus dysgalactiae/canis</i>	17					100							100			100										65			71	76		100			
<i>Streptococcus viridans</i>	≤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*

^cOxacillin 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.

^dFor treatment of blood isolates only

^eFor treatment of urine isolates only

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