

**NOTE:** Antibiogram has generally been compiled from isolates of inpatient and outpatient specimens for all sites encompassing all sites of Waterloo Regional Health Network (WRHN).

## WRHN Antibiogram

Jan 1, 2024 - December 31, 2024

Organism	# of Isolates																						
		Amikacin	Amoxy/Clav	Ampicillin	Cefazolin	Ceftazidime	Ceftriaxone	Ciprofloxacin	Clindamycin	Erythromycin	Gent. Synergy	Gentamicin	Levofloxacin	Meropenem	Minocycline	Nitrofurantoin f	Oxacillin (Cloxacillin)	Penicillin	Pip/Tazo	Rifampin	Tobramycin	Trimeth/Sulfa	Vancomycin
<b>Enterococcus faecalis (non urine)</b>	**71	-	-	100%	-	-	-	-	-	-	90%	-	-	-	-	-	100%	-	-	-	-	100%	
<b>Enterococcus faecium (non urine)</b>	**31	-	-	38%	-	-	-	-	-	-	79%	-	-	-	-	-	36%	-	-	-	-	100%	
<b>Enterococcus species (urine specimens only)</b>	489	-	-	87%	-	-	-	62%	-	-	-	-	-	-	82%	-	86%	-	-	-	-	99%	
<b>Enterococcus species (urine specimens &lt;= 18 years)</b>	**52	-	-	98%	-	-	-	90%	-	-	-	-	-	-	96%	-	98%	-	-	-	-	100%	
<b>Staphylococcus aureus (Methicillin Sensitive and Methicillin Resistant)</b>	805	-	-	-	78% <sup>c</sup>	-	-	-	73% <sup>b</sup>	66%	-	-	-	-	99%	78% <sup>d</sup>	-	-	99%	-	89%	100%	
<b>Staphylococcus aureus (Methicillin Sensitive)</b>	628	-	-	-	100% <sup>c</sup>	-	-	-	75% <sup>b</sup>	73%	-	-	-	-	100%	100% <sup>c</sup>	-	-	99%	-	92%	100%	
<b>Staphylococcus aureus (Methicillin Resistant)</b>	177	-	-	-	0% <sup>c</sup>	-	-	-	67% <sup>b</sup>	42%	-	-	-	-	97%	0% <sup>c</sup>	-	-	99%	-	77%	100%	
<b>Staphylococcus species (CNS)</b>	184	-	-	-	53%	-	-	-	66% <sup>b</sup>	44%	-	-	-	-	-	52%	-	-	95%	-	72%	99%	
<b>Streptococcus pneumoniae</b>	**70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	94% <sup>d</sup>	-	-	-	-	-	
<b>Citrobacter freundii complex<sup>a</sup></b>	**94	100%	-	-	-	-	-	73%	-	-	-	95%	-	97%	-	88%	-	-	-	-	87%	83%	-
<b>Enterobacter cloacae complex<sup>a</sup></b>	151	100%	-	-	-	-	-	89%	-	-	-	96%	-	100%	-	26%	-	-	-	-	91%	87%	-
<b>Escherichia coli (non-ESBL and ESBL)</b>	1947	100%	89%	59%	76%	-	89%	78%	-	-	-	92%	-	100%	-	99%	-	-	99%	-	92%	79%	-
<b>Escherichia coli (non-ESBL)</b>	1727	100%	92%	67%	86% <sup>e</sup>	-	100%	84%	-	-	-	94%	-	100%	-	84%	-	-	99%	-	94%	83%	-
<b>Escherichia coli (ESBL)</b>	220	100%	-	-	-	-	-	25%	-	-	-	77%	-	100%	-	97%	-	-	-	-	73%	53%	-
<b>Escherichia coli (urine specimens only)</b>	1644	100%	89%	60%	76% <sup>e</sup>	-	89%	78%	-	-	-	92%	-	100%	-	99%	-	-	99%	-	92%	79%	-
<b>Escherichia coli (urine specimens ≤ 18 years)</b>	**122	100%	80%	46%	72% <sup>e</sup>	-	91%	78%	-	-	-	87%	-	99%	-	99%	-	-	99%	-	86%	73%	-
<b>Klebsiella aerogenes<sup>a</sup></b>	**59	100%	-	-	-	-	-	100%	-	-	-	100%	-	100%	-	41%	-	-	-	-	100%	98%	-
<b>Klebsiella oxytoca</b>	**135	100%	97%	0%	26%	-	97%	94%	-	-	-	97%	-	100%	-	97%	-	-	98%	-	96%	97%	-
<b>Klebsiella pneumoniae</b>	456	100%	94%	0%	83% <sup>e</sup>	-	91%	88%	-	-	-	95%	-	99%	-	56%	-	-	98%	-	95%	88%	-
<b>Morganella morganii<sup>a</sup></b>	**50	100%	-	-	-	-	-	70%	-	-	-	90%	-	100%	-	0%	-	-	-	-	90%	76%	-
<b>Proteus mirabilis</b>	203	100%	98%	83%	-	-	97%	87%	-	-	-	91%	-	100%	-	0%	-	-	100%	-	90%	87%	-
<b>Pseudomonas aeruginosa (respiratory isolates)</b>	**75	97%	-	-	-	81%	-	88%	-	-	-	-	-	85%	-	-	-	-	84%	-	93%	-	-
<b>Pseudomonas aeruginosa (non respiratory isolates)</b>	334	100%	-	-	-	86%	-	85%	-	-	-	-	-	91%	-	-	-	-	89%	-	97%	-	-
<b>Serratia marcescens<sup>a</sup></b>	**63	98%	-	-	-	-	-	94%	-	-	-	98%	-	100%	-	0%	-	-	-	-	86%	100%	-
<b>Stenotrophomonas maltophilia</b>	**40	-	-	-	-	-	-	-	-	-	-	-	80% <sup>g</sup>	-	93%	-	-	-	-	-	-	95% <sup>g</sup>	-

a. These isolates are resistant to all penicillins, cephalosporins, and beta-lactam/beta-lactamase inhibitor combinations

b. PLEASE NOTE: Clindamycin results include inducible resistance

c. Based on Methicillin definition

d. Based on Meningitis interpretation

e. Based on systemic interpretation

f. For the treatment of cystitis

g. This drug should not be used as mono-therapy

\*\* these are reported as regional totals including Cambridge Memorial Hospital (CMH)