

Northern Health Authority Annual Antibiogram 2019*
Greater than or equal to 80% susceptibility = GOOD CHOICE less than 80% susceptibility = POOR CHOICE

Northern Health Authority Gram Positive Organisms % Susceptible	# of isolates	Amoxicillin	Ampicillin	Cloxacillin	Penicillin	Cefazolin ^A	Cefotaxime or Ceftriaxone	Erythromycin (azithro/clarithro)	Clindamycin	Ciprofloxacin	Moxifloxacin	Gent Synergy	TMP-SMX	Tetracycline (Doxycycline)	Nitrofurantoin ^U	Vancomycin	Linezolid	
<i>Staphylococcus aureus</i> [†]	2147	-	-	79	-	79	-	-	86	-	-	-	93	97	-	100	-	
<i>S. aureus</i> (MRSA) [‡]	448	R	R	R	-	R	R	-	76	-	-	-	95	95	-	100	100	
<i>Staphylococcus epidermidis</i>	156	-	-	47	-	47	-	-	66	-	-	-	69	90	-	99	-	
<i>Enterococcus faecalis</i>	648	99 ^B	99	R	-	-	R	R	R	87	-	85	-	-	99	99	-	
<i>Enterococcus faecium</i>	71	R	R	R	-	-	R	R	R	R	-	37	-	-	-	51 [‡]	-	
Group A <i>Streptococcus</i>	798	-	-	-	100	-	100 ^{\$}	84	84	-	-	-	R	-	-	100	-	
Group B <i>Streptococcus</i>	739	-	100	-	100	-	100 ^{\$}	54	55	-	-	-	R	-	-	100	-	
<i>Streptococcus pneumoniae</i>	79	100	-	-	71 ¹	-	-	79	-	-	-	-	-	-	-	-	85	-
					100 ²		100 ²											
					78 ³		98 ³											

Northern Health Authority Gram Negative Organisms % Susceptible	# of isolates	Amoxicillin/Clavulanate	Ampicillin	Piperacillin/Tazobactam	Cefazolin	Cefuroxime	Cefixime	Cefotaxime or Ceftriaxone	Ceftazidime	Meropenem	Gentamicin	Tobramycin	TMP/SMX	Ciprofloxacin	Moxifloxacin	Nitrofurantoin ^U
<i>Escherichia coli</i>	5515	83	59	94	85	-	92	93	-	100	93	94	82	86	-	97
<i>Citrobacter freundii</i>	99	R	R	-	R	R	-	-	-	100	99	99	87	96	-	95
<i>Enterobacter cloacae</i>	316	R	R	-	R	R	-	-	-	98	96	95	91	98	-	R
<i>Enterobacter aerogenes</i>	60	R	R	-	R	R	-	-	-	100	99	99	100	97	-	R
<i>Klebsiella pneumoniae</i>	590	93	R	96	90	-	96	96	-	100	99	98	96	98	-	42
<i>Morganella morganii</i>	52	R	R	-	R	R	-	-	-	96	89	87	81	83	-	R
<i>Proteus mirabilis</i>	222	96	74	97	78	-	97	97	-	99	95	95	89	95	-	R
<i>Serratia marcescens</i>	40	R	R	-	R	R	-	-	-	100	100	95	100	95	-	R
<i>Pseudomonas aeruginosa</i>	309	R	R	85	R	R	R	R	86	82	93	98	R	84	-	-
<i>Haemophilus influenza</i>	77	87	65	-	-	91	-	100	-	-	-	-	51	-	100	-
<i>Stenotrophomonas maltophilia</i>	32	-	-	-	-	-	-	-	-	-	-	-	94	-	-	-

Notes

Percent susceptible for each organism/antimicrobial combination was generated by including the first isolate of that organism encountered on a given patient. MRSA incidence = 21% (proportion of total clinical isolates of *S. aureus* that are MRSA)

Legend

- Drug not tested or indicated

\$ AST method not validated for this organism/antibiotic combination

U Urinary tract infections only

R Inherent resistance

A Extrapolated from Cloxacillin

B Extrapolated from Ampicillin

† Total *Staphylococcus aureus* isolates (includes MSSA and MRSA)

‡ Represents clinical isolates - excludes colonization/screens

1 oral

2 non-meningitis

3 meningitis