

Antimicrobial Susceptibility Report: Auckland and Northland community isolates 2021

≥ 90% susceptible;
 70-89% susceptible;
 < 70% susceptible;
 Number = proportion susceptible (S/I); R = Resistant

Gram negative isolates

Organism (number tested)	Amoxicillin	Amoxicillin-clavulanate	Cephalexin ^a	Trimethoprim ^a	Ciprofloxacin	Nitrofurantoin ^a	Fosfomycin	Mecillinam	Cotrimoxazole	Doxycycline
<i>Escherichia coli</i> – all (30,875)	53%	87%	92%	74%	88%	99%	-	-	-	-
ESBL <i>Escherichia coli</i> (1495)	R	76%	R	33%	33%	98%	98%	78%	-	-
<i>Klebsiella, Enterobacter, Citrobacter, Serratia</i> Group (5228)	R	74%	76%	87%	93%	81% ^b	-	-	-	-
<i>Proteus, Morganella, Providencia</i> Group (1269)	73%	86%	85%	78%	95%	R	-	-	-	-
<i>Pseudomonas aeruginosa</i> (1592)	R	R	R	R	89%	R	R	R	R	R
<i>Haemophilus influenzae</i> (447)	67%	78%	-	-	-	-	-	-	70%	99%

Gram positive isolates

Organism (number tested)	Penicillin	Amoxicillin	Flucloxacillin ^c	Erythromycin	Cotrimoxazole	Doxycycline	Fusidic acid	Mupirocin	Nitrofurantoin ^a	Ciprofloxacin ^a
<i>Staphylococcus aureus</i> – all (23,023)	-	-	87%	90%	99%	97%	96%	97%	-	-
Methicillin-resistant <i>Staphylococcus aureus</i> (2834)	R	R	R	81%	99%	96%	63%	98%	-	-
<i>Streptococcus pyogenes</i> (243)	100%	-	-	90%	98%	72%	-	-	-	-
<i>Streptococcus pneumoniae</i> (200)	-	91%	-	85%	82%	81%	-	-	-	-
<i>Enterococcus species</i> (3734)	-	99%	R	R	R	R	-	-	99% ^a	94% ^a

^a Cephalexin, nitrofurantoin, trimethoprim, susceptibility results apply to uncomplicated lower urinary tract infection only

^b *Serratia* species are intrinsically resistant to Nitrofurantoin

^c *S. aureus* flucloxacillin result predicts susceptibility to amoxicillin-clavulanate and cephalexin