

2023 Awanui Labs South Canterbury Community cumulative antibiotic susceptibilities (antibiogram) (Compiled June 2024, based on 2023 annual data)

Urinary Tract Infections

Numbers denote % susceptible

									2nd line antibiotics										
Organism name	Number tested	Amoxicillin	Amoxicillin+clavulanate	Flucloxacillin	Cephalexin	Nitrofurantoin*	Trimethoprim*	Co-trimoxazole	Ciprofloxacin	Gentamicin	Fosfomycin*	Mecillinam*	Ceftazidime	Piperacillin-Tazobactam	Meropenem	Vancomycin	Ceftriaxone	Cefepime	Tobramycin
Citrobacter freundii complex ^a	17	R	R	R	R		94		100	100				92	100		80		
Citrobacter koseri	38	R	97	R	97		100		97	100 ^a				100 ^a	100 ^a		100 ^a		
Enterobacter cloacae complex ^a	24	R	R	R	R		88		100	95				94	94		85		
E. coli	1518	63 ^a	90 ^d	R	95	98	81		92	92 ^c	98 ^b	55 ^b		94 ^c	100 ^c		90 ^d		
ESBL-positive E. coli	33	R	52 ^a	R	R	93 ^a	34 ^a		15	52	100 ^a	58 ^a		83 ^a	100		0		
Klebsiella aerogenes		R	R	R	R														
Klebsiella oxytoca	44	R	89 ^d	R	91		92		98	100 ^a				89 ^a	100 ^a		79 ^a		
Klebsiella pneumoniae complex	116	R	95 ^d	R	96		82		86	97 ^b				92 ^b	100 ^b		89 ^b		
ESBL-positive Klebsiella pneumoniae complex		R		R	R														
Proteus mirabilis	78	92 ^d	100 ^d	R	99	R	81		96	100 ^a				100 ^a	100 ^a		100 ^a		
Morganella morganii		R	R	R	R	R													
Serratia marcescens		R	R	R	R	R													
Serratia species		R	R	R	R														
Pseudomonas aeruginosa	56	R	R		R	R	R	R	89 ^e				83 ^e	98 ^e	92 ^f			94 ^e	92
Enterococcus faecalis ^a	14	S		R	R	93													
Enterococcus faecium ^a	11	0		R	R											100			
Staphylococcus saprophyticus	67	92	96 ^a	96	96 ^a	100	97		100 ^e										

^a Caution needed in interpreting these results as low number of isolates (10 - 30 isolates)

^b Actual number tested is between 30 - 50.

^c Actual number tested is between 100 - 500.

^d Includes both Suceptible and Susceptible, increased exposure results.

^e Includes Susceptible, increased exposure results only.

^f 83% = Suceptible. 9% = Susceptible, increased exposure results.

^{*} Uncomplicated UTI only

[^] *Staphylococcus* species that are flucloxacillin susceptible can be considered susceptible to amoxicillin+clavulanate, cephalosin, cephalixin, cefactor, and cefuroxime

S = Not specifically tested but known to be ordinarily susceptible

R = intrinsically resistant

≥ 90% susceptible
70-89% susceptible
<70% susceptible
Insufficient data (<10 isolates) or not tested