

Antimicrobial susceptibility data from hospital and community laboratories, 2018¹

	Percent susceptible (number tested ²)																	
	amikacin	amoxicillin-clavulanic acid uUTI only ³	amoxicillin-clavulanic acid infections other than uUTI ³	ampicillin	cefalexin	cefazolin	cefepime	ceftazidime	cefotaxime/ceftriaxone	cefuroxime	co-trimoxazole	ertapenem	fluoroquinolone	gentamicin	meropenem	nitrofurantoin	piperacillin-tazobactam	trimethoprim
<i>Acinetobacter calcoaceticus-baumannii</i> complex	94.0 (200)							82.1 (246)			94.8 (460)		95.3 (449)	92.1 (441)	95.6 (405)		87.1 (201)	
<i>Enterobacter</i> species from bacteraemia	100.0 (127)								80.0 (190)		90.7 (214)		96.7 (213)	96.8 (189)	100.0 (159)			
<i>Escherichia coli</i> (non-ESBL ⁴) from bacteraemia	99.5 (1,280)		74.1 (2,274)	43.2 (2,417)		79.5 (288)	99.3 (1,470)		99.2 (2,058)	95.2 (1,990)		100.0 (687)	91.5 (2,071)	95.0 (2,424)	100.0 (1,572)			
<i>E. coli</i> (ESBL ⁴) from bacteraemia	99.3 (136)		58.4 (137)				4.5 (111)		0.5 (194)	0.0 (178)		99.4 (173)	39.7 (194)	63.2 (193)	100.0 (155)			
<i>E. coli</i> (non-ESBL ⁴) urinary	99.6 (13,369)	83.7 (75,939)	79.6 (34,714)	51.0 (65,240)	97.5 (61,823)				98.7 (16,625)	93.5 (13,614)			91.8 (84,105)	95.6 (21,826)		99.0 (87,457)		72.8 (88,780)
<i>E. coli</i> (ESBL ⁴) urinary	98.0 (3,835)	53.6 (1,771)	66.4 (3,646)		0.3 (3,254)				0.4 (3,997)	0.1 (1,195)			35.0 (4,591)	63.2 (4,056)		96.6 (4,609)		28.5 (4,613)
<i>Klebsiella</i> species (non-ESBL ⁴) from bacteraemia	99.7 (336)		91.8 (609)				99.3 (414)		97.9 (532)	95.1 (532)		97.8 (136)	96.4 (535)	98.2 (616)	99.6 (510)			
<i>Klebsiella</i> species (ESBL ⁴) from bacteraemia	92.7 (41)		33.3 (51)				0.0 (26)		0.0 (54)	0.0 (49)		95.7 (47)	43.1 (51)	38.5 (52)	97.8 (46)			
<i>Pseudomonas aeruginosa</i> from bacteraemia	98.5 (135)						92.1 (164)	95.3 (254)					93.7 (254)	96.8 (250)	91.2 (226)		95.7 (254)	

	Percent susceptible (number tested ²)											
	ampicillin	clindamycin	co-trimoxazole	doxycycline	erythromycin	fluoroquinolone	fusidic acid	gentamicin	mupirocin	penicillin	tetracycline	vancomycin
<i>Enterococcus faecalis</i> from bacteraemia	100.0 (246)							85.0 (193)				100.0 (246)
<i>Enterococcus faecium</i> from bacteraemia	28.1 (114)							61.8 (89)				98.3 (120)
Methicillin-susceptible ⁶ <i>Staphylococcus aureus</i> from bacteraemia		93.7 (914)	98.2 (1,053)	99.2 (489)	93.9 (1,113)	97.5 (970)		98.5 (1,040)		19.6 (984)	97.8 (538)	
Methicillin-resistant ⁶ <i>S. aureus</i> from bacteraemia		85.4 (158)	97.6 (165)		78.4 (162)	86.2 (167)		95.5 (156)				
Methicillin-susceptible ⁶ <i>S. aureus</i> from skin and soft tissue infection		90.7 (66,267)	98.8 (73,775)	96.9 (25,728)	89.7 (73,805)	97.3 (16,938)	84.6 (50,202)	99.2 (16,893)	95.7 (13,256)	17.0 (28,388)	97.8 (45,682)	
Methicillin-resistant ⁶ <i>S. aureus</i> from skin and soft tissue infection		84.9 (9,686)	98.7 (10,206)	96.0 (2,478)	77.9 (10,217)	86.9 (6,971)	51.3 (8,719)	94.8 (3,117)	95.1 (5,661)		97.6 (7,741)	

- 1 Data supplied by: Canterbury Health Laboratories; Canterbury Southern Community Laboratories; Grey Hospital; Hawkes Bay Southern Community Laboratories; Healthlab Kew; LabCare Pathology, Taranaki Base Hospital; LabPlus; Labtests; Medlab Central; Medlab, Nelson Hospital; Medlab Wanganui; Middlemore Hospital; North Shore Hospital; Northland Pathology; Pathlab Bay of Plenty; TLab Ltd, Gisborne; Waikato Hospital Laboratory; Southern Community Laboratories Wairarapa and Wellington; and Whangarei Hospital.
- 2 Data presented only if ≥100 isolates tested for susceptibility to the antibiotic, except for extended-spectrum β-lactamase (ESBL)-producing *Klebsiella* species and gentamicin on *E. faecium* from bacteraemia for each of which there were <100 isolates that had been tested for susceptibility.
- 3 The amoxicillin-clavulanic acid susceptibility rates are separated into two subsets based on the EUCAST breakpoints for infections other than uncomplicated UTIs (uUTIs) and breakpoints for uUTIs.
- 4 The *E. coli* and *Klebsiella* species data is presented in two subsets according to whether the isolates produced ESBL.
- 5 Susceptibility to high-level gentamicin.
- 6 The *S. aureus* data is presented in two subsets according to whether the isolates were methicillin susceptible or resistant.