

Antimicrobial susceptibility data from hospital and community laboratories, 2017¹

	Percent susceptible (number tested ²)																		
	amikacin	amoxicillin-clavulanic acid uUTI only ³	amoxicillin-clavulanic acid infections other than uUTI ³	ampicillin	cefazolin	cefepime	ceftazidime	ceftriaxone/cefotaxime	cefuroxime/cefamandole	cephalexin	co-trimoxazole	ertapenem	fluoroquinolone	gentamicin	meropenem	nitrofurantoin	piperacillin-tazobactam	tobramycin	trimethoprim
<i>Acinetobacter calcoaceticus-baumannii</i> complex	92.1 (127)										93.3 (224)		93.6 (251)	92.6 (243)	93.5 (215)			92.2 (102)	
<i>Enterobacter</i> species from bacteraemia	100.0 (117)						75.9 (137)				91.1 (157)		98.1 (157)	97.5 (158)	99.3 (135)				
<i>Escherichia coli</i> (non-ESBL ⁴) from bacteraemia	94.5 (1522)		75.3 (2355)	45.7 (2319)	80.2 (404)	99.7 (1505)	99.3 (1719)	95.3 (2000)				100.0 (429)	91.5 (2181)	95.0 (2442)	99.9 (1819)			95.5 (440)	
<i>E. coli</i> (ESBL ⁴) from bacteraemia	93.0 (201)		55.6 (214)			3.4 (148)	0.5 (217)	0.0 (182)				100.0 (196)	35.6 (225)	53.6 (224)	100.0 (223)				
<i>E. coli</i> (non-ESBL ⁴) urinary	98.9 (9855)	89.9 (55308)	79.8 (33389)	52.3 (77015)			99.2 (12307)	95.5 (19300)	97.2 (60630)				90.8 (79003)	95.6 (19121)		98.9 (85230)		95.1 (5336)	74.1 (85239)
<i>E. coli</i> (ESBL ⁴) urinary	94.5 (2895)	77.1 (2265)	51.6 (1182)				0.2 (2872)	13.2 (689)	0.3 (2086)				32.7 (3627)	59.7 (3297)		96.7 (3530)		54.2 (264)	30.2 (3656)
<i>Klebsiella</i> species (non-ESBL ⁴) from bacteraemia	98.3 (287)		94.8 (424)			99.3 (276)	99.0 (287)	93.9 (293)					94.0 (382)	98.6 (436)	99.7 (349)				
<i>Klebsiella</i> species (ESBL ⁴) from bacteraemia	96.7 (30)		9.7 (31)			6.7 (15)	0 (31)	0 (25)					96.4 (28)	21.2 (33)	21.2 (33)	96.9 (32)			
<i>Pseudomonas aeruginosa</i> from bacteraemia							94.8 (229)						90.5 (231)	97.3 (225)	91.2 (171)		95.6 (227)	100.0 (114)	

	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	99.6 (275)							82.0 (228)				99.6 (249)
<i>Enterococcus faecium</i> from bacteraemia	20.2 (89)							60.3 (78)				97.5 (80)
Methicillin-susceptible ⁶ <i>Staphylococcus aureus</i> from bacteraemia		94.8 (900)	98.1 (951)	97.9 (332)	94.5 (1059)	98.8 (854)	88.4 (777)	99.5 (865)	96.5 (489)	18.9 (982)	98.5 (684)	
Methicillin-resistant ⁶ <i>S. aureus</i> from bacteraemia		87.9 (107)	96.6 (117)		83.6 (116)	90.3 (113)		100.0 (105)				
Methicillin-susceptible ⁶ <i>S. aureus</i> from skin and soft tissue infection		90.6 (58533)	99.0 (77557)	98.7 (5770)	89.4 (78774)	97.3 (24007)	82.7 (43777)	99.0 (13330)	94.1 (16004)	17.8 (34938)	97.8 (63488)	
Methicillin-resistant ⁶ <i>S. aureus</i> from skin and soft tissue infection		84.2 (8357)	99.0 (10145)	97.1 (681)	78.3 (10154)	87.0 (7929)	50.6 (8115)	96.2 (2878)	94.9 (5667)		97.1 (8981)	

- 1 Data supplied by; Canterbury Health Laboratories; Grey Hospital Laboratory; Hawkes Bay Hospital laboratory; Healthlab Kew; LabCare Pathology, New Plymouth; LabPlus; Labtests; Medlab Timaru; Nelson Hospital; Northland Pathology; North Shore Hospital laboratory; Pathlab Bay of Plenty; Rotorua Hospital Laboratory Services; Southern Community Laboratories - Canterbury, Hawkes Bay, and Wellington; Taranaki Medlab; Waikato Hospital Laboratory; and Whangarei Hospital Laboratory.
- 2 Data presented only if ≥100 isolates tested for susceptibility to the antibiotic, except for extended-spectrum β-lactamase (ESBL)-producing *Klebsiella* species and *E. faecium* from bacteraemia for each of which there were <100 isolates that had been tested for susceptibility to any antibiotic.
- 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.