Hawkes Bay Community antibiogram 2021

		First line antibiotics												Second line antibiotics			
	No. strains	Amoxycillin	Amoxycillin-clavulanate: systemic	Amoxycillin-clavulanate: cystitis	Cephalexin	ESBL	Erythromycin	Flucloxacillin	Nitrofurantoin	Co-trimoxazole	Trimethoprim	Penicillin	Doxycycline	Clindamycin	Ciprofloxacin	Fusidic acid	Mupirocin
Urinary sites																	
Escherichia coli from urine	3283	58	68	88	95	2			99	76	76			94			
Escherichia coli from urine > 80 yrs	722	58	64	85	92	2			99	75	75			90			
Non-*E. coli* Coliform																	
Enterococcus spp from urine	35	94		IR	IR				100								
Pseudomonas aeruginosa from urine	28	IR	IR	IR	IR		IR	IR	IR					20			
Klebsiella spp from urine	178	IR	91	97	97	2				84	84			95			
S. saprophyticus	114	98		98	98				100		92			100			
Non urinary sites																	
Staphylococcus aureus community	2844		89		89		90	89		99			98	89		87	95
Streptococcus pyogenes	1707	100		100	100		92	100				100		96	IR		
Group B strep	140	100		100	100							100			IR		
MRSA community	290	IR			IR		85	IR				IR	99	85		59	100
Streptococcus pneumoniae	51	85										85	54				
Haemophilus influenzae	119	77	87							73			99				

Notes: numbers refer to percent susceptible
Results assume standard EUCAST doses of antibiotics are used:
https://www.eucast.org/fileadmin/src/media/PDFs/EUCAST_files/Breakpoint_tables/Dosages_v_12.0_Breakpoint_Tables.pdf

Note: some bug-drug combinations can only reach I, meaning only susceptible at increased doses. These include:
ciprofloxacin standard dose 750mg for *Pseudomonas* ; amoxicillin 750 -1000 mg tds for *S. pneumoniae* and *Haemophilus*
some testing is done on only selected organisms, eg fusidic acid

In general there is a small trend to increasing susceptibility over the past few years for many bug-drug combinations.
This trend has been seen in other NZ community antibiograms.