

WDHB Hospitals Antibigram 2017-18

Organism group	No. strains	Routinely Reported antibiotics													Second line or restricted antibiotics								
		Amoxicillin	Amoxicillin-clavulanate	Amoxicillin-clavulanate: cystitis breakpoint	Cephalexin	IV Cefuroxime	Co-trimoxazole	Erythromycin	Flucloxacillin	Gentamicin	Nitrofurantoin	IV Penicillin	Doxycycline	Trimethoprim	ESBL producer	Amikacin	Ceftazidime	Ceftriaxone	Clindamycin	Ciprofloxacin	Meropenem	Piperacillin-tazobactam	Vancomycin
Swabs, sputum																							
<i>Haemophilus influenzae</i>	301	60	80			72						99							100				IR
<i>Enterococcus</i> spp	197	98	98		IR	89			96	100													IR
<i>Staphylococcus aureus</i>	2287	15		92		99	90	92			15	97						90	94				100
Urine isolates																							
<i>Escherichia coli</i> from urinary sources	2711	53	72	94	94	0			86	99	IR		73	5					91				IR
<i>Klebsiella</i> spp from urine	266	IR	90	95	95				98	75	IR		76	4	98		84		87				IR
<i>Pseudomonas aeruginosa</i>	63	IR	IR		IR	IR	IR	IR	IR	92						89	IR		100	77	100		IR
<i>Staphylococcus saprophyticus</i>	91	100	100									96											
Bacteraemia																							
GNB major pathogens	128	46	76		94	83			98					1			98			100	98		
<i>Escherichia coli</i>	102	53	71		95	81			98					5			98		92	100	98		IR
GPC major pathogens	78	64	93		90			68									45			90	93		100
<i>Staphylococcus aureus</i>	32	18		91	91	100	100	91	100		18	100					NR	NR	100				100
Others																							
<i>Staphylococcus aureus</i>	2287	15		92		99	90	92			15	97											

Notes:

The testing results do not necessarily relate to treatment choice. For example gentamicin has activity against *S. aureus*, but it is not regarded as front line therapy.

THE GNB major pathogens include the Enterobacteriales group

The GPC major pathogens group include *S. aureus*, enterococci, pneumococci and beta haemolytic streptococci