

PATHLAB Hospital cumulative antibiotic susceptibilities (antibiogram) (Compiled January 2021, based on 2020 annual data)

Numbers denote % susceptible

Organism group	Number tested	Common usage (1st line) antibiotics										Restricted (2nd line) antibiotics									
		Penicillin	Amoxicillin	Amoxicillin-clavulanate	Flucloxacillin	Cephalexin	Cefuroxime	Erythromycin	Co-trimoxazole	Doxycycline	Ceftriaxone	Trimethoprim*	Nitrofurantoin*	Clindamycin	Ciprofloxacin	Ceftazidime	Piperacillin-tazobactam	Ertapenem	Meropenem	Gentamicin	Vancomycin
Non-urine isolates																					
<i>Staphylococcus aureus</i>	2264				88			86	98	98			45 [#]	76							
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)	276	R	R	R	R	R	R	69	93	91	R		19 [#]	74							
<i>Streptococcus pyogenes</i> (Group A)	22 [#]	S						95													
Beta haemolytic streptococci Groups B, C and G	33 [#]	S						79					33 [#]	79							
<i>Haemophilus influenzae</i>	144		75	87					76	99											
<i>E. coli</i>	212		57	67			83		81			87	212		92		96	98	100	92	
<i>Pseudomonas aeruginosa</i>	178	R	R	R	R	R	R	R	R	R	R	R	178		79	88	94		80		
Bacteraemic isolates																					
<i>E. coli</i> (ESBL-positive = 4.5%)	572		47	57			90		75		92		565	88		99	100	100	92		
<i>Klebsiella pneumoniae</i> (ESBL-positive = 26.7%)	105		R	47			56		67		60		105	69		94	93	100	62		
Other Enterobacteriales	160		21	52			69		98		91		160	98		95	96	99	100		
<i>Staphylococcus aureus</i>	219				90				91	100	100		10 [#]	70							100
<i>Pseudomonas aeruginosa</i>	31 [#]	R	R	R	R	R	R	R	R	R	R	R	31 [#]		84	100	100		90		
<i>Streptococcus pyogenes</i> (Group A)	32 [#]	S						100					32 [#]	100							
Beta haemolytic streptococci Groups B, C and G	67	S						75					67	73							
<i>Streptococcus pneumoniae</i>	48 [#]	92						98	79	98											
<i>Enterococcus</i> spp	72		94		R	R	R	R			R		52								100
Urine isolates																					
<i>E. coli</i>	2115		51	79			92					72	99	2115	91						
ESBL-positive <i>E. coli</i>	105		R			R	R		34		R	29	98	105	38				100	68	
<i>Klebsiella</i> spp	385		R	70			70					68	76	99	79				100	22	
ESBL-positive <i>Klebsiella</i> spp	88		R			R	R		15		R	3	51	88	34				100	13	
<i>Proteus mirabilis</i>	126		94	100			99					74	R								
Other Enterobacteriales (<i>Enterobacter</i> , <i>Serratia</i> , etc)	58		R	R			R					93		58	98						
<i>Enterococcus</i> spp	51		98				R	R	R		R			2 [#]							100
<i>Staphylococcus saprophyticus</i>	43 [#]			S		S			100			93	100								
<i>Pseudomonas aeruginosa</i>	109	R	R	R	R	R	R	R	R	R	R	R	R	109	87	83	94		90		

caution needed in interpreting these results as low number of isolates and/or testing performed on multi-resistant isolates.

*uncomplicated UTI isolates only

S = Not specifically tested but known to be ordinarily susceptible

R = intrinsically resistant