

## 2022 Community cumulative antibiotic susceptibilities (antibiogram)

(Compiled January 2023, based on 2022 annual data)



Numbers denote % susceptible

Organism group	Number tested	Common usage (1st line) antibiotics									(2nd line) antibiotics			
		Penicillin	Amoxicillin	Amoxicillin-clavulanate	Flucloxacillin	Cephalexin	Erythromycin	Co-trimoxazole	Doxycycline	Trimethoprim*	Nitrofurantoin*	Number tested	Clindamycin	Ciprofloxacin
<b>Non urinary sites</b>														
<i>Staphylococcus aureus</i>	8844			S^	90^	S^	90	100	98			19 <sup>#</sup>	63	
Methicillin-resistant <i>S. aureus</i> (MRSA)	888	R	R	R	R	R	84	99	97			3 <sup>#</sup>	100	
<i>Streptococcus pyogenes</i>	14	100	S	S	S	S	79 <sup>#</sup>					14 <sup>#</sup>	86	
<i>Streptococcus pneumoniae</i>	95	79	79				78	64	78					
<i>Haemophilus influenzae</i>	488		75	90				73	98					
<i>Pseudomonas aeruginosa</i>	294	R	R	R	R	R	R	R	R			294		84
<b>Urine isolates</b>														
<i>E. coli</i>	11387	R	59	86	R	94				77	99	11387		90
ESBL-positive <i>E. coli</i>	407	R	R		R	R		42		38	95	407		22
<i>Klebsiella</i> spp	1289	R	R	85	R	87				77	77	1289		82
ESBL-positive <i>Klebsiella</i> spp	118	R	R		R	R		9		5	44	118		16
<i>Proteus mirabilis</i>	513	R	89	99	R	100				82	R			
ESCPPM <sup>§</sup> Enterobacteriales	156	R	R	R	R	R		90		84	46	156		98
<i>Pseudomonas aeruginosa</i>	266	R	R	R	R	R		R		R	R	266		87
<i>Enterococcus</i> spp			S	S	R	R					S			
<i>Staphylococcus saprophyticus</i>	577			S^	S^	S^				93	99			

\*Uncomplicated UTI isolates only

^ *Staphylococcus* species that are flucloxacillin susceptible can be considered susceptible to amoxicillin-clavulanate, cephazolin, cephalexin, cefaclor, and cefuroxime.

# **Caution** needed in interpreting these results as low number of isolates and testing usually performed on multi-resistant isolates.

S = Not specifically tested but known to be ordinarily susceptible

R = intrinsically resistant

§ = *Enterobacter* spp., *Serratia* spp., *Citrobacter freundii* family, *Providencia* spp., *Proteus* spp. (excluding *P. mirabilis*), *Morganella morganii*, *Yersinia enterocolitica*