

## 2021 Community cumulative antibiotic susceptibilities (antibiogram)

(Compiled January 2022, based on 2021 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
<b>Non urinary sites</b>													
<i>Staphylococcus aureus</i>	9976			S <sup>^</sup>	90 <sup>^</sup>	S <sup>^</sup>	89	99	98			21 <sup>#</sup>	53
Methicillin-resistant <i>S. aureus</i> (MRSA)	998	R	R	R	R	R	78	99	97			7 <sup>#</sup>	57
<i>Streptococcus pyogenes</i>	37	100	S	S	S	S	86 <sup>#</sup>					37 <sup>#</sup>	89
<i>Sreptococcus pneumoniae</i>	151	80	80				70	69	68				
<i>Haemophilus influenzae</i>	369		71	88				73	96				
<i>Pseudomonas aeruginosa</i>	263	R	R	R	R	R	R	R	R			263	84
<b>Urine isolates</b>													
<i>E. coli</i>	12479	R	57	88	R	93				76	99	12463	90
ESBL-positive <i>E. coli</i>	449	R	R		R	R		35		33	98	448	22
<i>Klebsiella</i> spp	1402	R	R	87	R	87				78	79	1395	84
ESBL-positive <i>Klebsiella</i> spp	96	R	R		R	R		10		4	45	95	17
<i>Proteus mirabilis</i>	600	R	88	99	R	99				78	R		
ESCPPM <sup>§</sup> Enterobacteriales	374	R	R	R	R	R		94		90	48	374	97
<i>Pseudomonas aeruginosa</i>	292	R	R	R	R	R		R		R	R	292	92
<i>Enterococcus</i> spp			S	S	R	R					S		
<i>Staphylococcus saprophyticus</i>	624			S <sup>^</sup>	S <sup>^</sup>	S <sup>^</sup>				92	99		

\*Uncomplicated UTI isolates only

<sup>^</sup> *Staphylococcus* species that are flucloxacillin susceptible can be considered susceptible to amoxicillin-clavulanate, cephalazolin, cephalexin, cefaclor, and cefuroxime.

<sup>#</sup> **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

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