


## 2020-2021 Antibiogram

### Antibiotic Susceptibility of Commonly Isolated Bacteria

	No. Isolates	Ampicillin	Amoxicillin / Clavulanate	Cefazolin	Cefepime	Ceftriaxone	Ciprofloxacin	Clindamycin	Erythromycin	Gentamicin	Levofloxacin	Nitrofurantoin <sup>1</sup> --Urine Only	Oxacillin	Penicillin G	Piperacillin / Tazobactam	Sulfamethoxazole / Trimethoprim	Tetracycline	Vancomycin	No. ESBL Positive Isolates	Percent Susceptible	
<i>Citrobacter freundii</i> *	18*	-	-	-	100	94	94			83	94	100			100	83				-	
<i>Enterobacter cloacae</i>	43	-	-	-	100	79	95			100	96	20			79 <sup>^</sup>	90				-	
<i>Escherichia coli</i>	1265	56	85	88	88	92	83			93	83	94			97	75	-			60	
<i>Klebsiella (Enterobacter) aerogenes</i> *	25*	-	-	-	100	88	100			100	100	14			80 <sup>^</sup>	100	-			-	
<i>Klebsiella oxytoca</i> *	19*	-	88	63	100	100	100			100	100	59			94	100				1	
<i>Klebsiella pneumoniae</i>	149	-	95	92	88	95	97			97	99	21			97	91				4	
<i>Proteus mirabilis</i>	96	55	82	65	58	82	89			91	92	-			96	79	-			-	
<i>Pseudomonas aeruginosa</i>	55				94		88			96	88				90					-	
<i>Serratia marcescens</i> *	15*	-	-	-	80	92	100			100	100	-				100				-	
<i>Enterococcus faecalis</i>	111	99	-	-	-	-	-		-	#	83	98		96			-		100		
<i>Staphylococcus aureus</i>	362	-	42	42	-	-	43	79	45	99	45	100	61	3	-	88	90	99			
<i>Staphylococcus aureus</i> - MRSA	141	-	-	-	-	-	16	68	21	98	18	100	0	0	-	75	81	99			
<i>Staphylococcus aureus</i> - MSSA	221	-	100	100	-	-	68	86	61	100	70	100	100	4	-	96	95	100			
<i>Staphylococcus coagulase negative</i> - ALL	73	-	-	-	-	-	64	72	45	88	67	100	52	1	-	77	80	98			
<i>Staphylococcus epidermidis</i> (coagulase negative)*	28*	-	-	-	-	-	46	75	32	84	50	100	50	3	-	56	87	100			
<i>Strep agalactiae</i> (Group B)	147	-	-	-	-	100		¥	¥		100			100	-			¥	100		
<i>Streptococcus pneumoniae</i> *	11*	-				100		80	75		100			90	-	81			100		

#### Empiric drug of choice

#### Select based on individual susceptibility data

Cumulative data collected from Astria Toppenish Hospital: Includes Inpatient and Outpatient locations from 1/1/2020 to 12/31/2021

Data covers 2 year span to include organisms with a smaller number of isolates

Organisms with < 15 isolates suppressed unless of clinical value

Organisms with susceptibility > 80% generally considered a drug of choice

- not tested, insufficient number of isolates to provide result, or known clinically irrelevant for treatment of organism

\* *Caution: organisms with < 30 isolates should be interpreted carefully, as small numbers may bias the group susceptibilities*

<sup>1</sup> For the treatment of uncomplicated urinary tract infection only

# Gentamicin susceptibility indicates synergy with beta-lactam (e.g. Ampicillin) and should not be used alone for Enterococcal infections

¥ Limited sensitivity testing: Penicillins, Cephalosporins and Azithromycin are empiric drugs of choice for *Streptococcus agalactiae* (Group B)

<sup>^</sup> Empiric drug of choice with aminoglycoside or ciprofloxacin for serious infections