Uxbridge All Specimens: % Susceptibility

Gram Negative Organisms

Year	2016	2017	2018	2019	2020	2021	2022	
Escherichia coli (excluding ESBL)		184	168	179	132	136	135	# isolates
Ampicillin		70	57	67	64	66	67	
Amoxicillin/Clavulanic acid			87	88	87	83	84	
Cefazolin		97	96	96	92	95	93	
Ceftriaxone		98	99	99	95	99	97	
Ceftazidime		98	99	99	97	99	97	
Piperacillin/Tazobactam		97	98	99	96	98	96	
Ertapenem		100	100	100	99	100	100	
Meropenem		100	100	100	100	100	100	
Gentamicin		96	97	96	97	96	96	
Tobramycin		97	97	96	98	98	97	
Amikacin		100	100	100				
Trimethoprim/Sulfamethoxazole		80	80	83	81	85	87	
Ciprofloxacin		90	88	91	82	82	85	
Escherichia coli (including ESBL)	98	196	184	186	134	145	143	# isolates
Ampicillin	62	66	52	63	63	62	64	
Amoxicillin/Clavulanic acid			84	88	87	82	84	
Cefazolin	98	91	88	92	91	88	87	
Ceftriaxone	99	92	90	95	93	92	92	
Ceftazidime	99	92	90	97	96	93	92	
Piperacillin/Tazobactam	100	96	98	99	96	97	96	
Ertapenem	100	100	100	100	99	99	100	
Meropenem	100	100	100	100	100	100	100	
Gentamicin	92	95	95	96	96	94	96	
Tobramycin	92	94	95	95	97	96	97	
Amikacin	100	100	100	100				
Trimethoprim/Sulfamethoxazole	77	79	76	82	81	84	86	
Ciprofloxacin	87	85	84	89	81	79	82	
Escherichia coli (ESBL)							8	#isolates
Ampicillin							0	
Amoxicillin/Clavulanic acid							75	
Cefazolin							0	
Ceftriaxone							0	
Ceftazidime							13	
Piperacillin/Tazobactam							100	
Ertapenem							100	
Meropenem							100	
Gentamicin							88	
Tobramycin							88	
Trimethoprim/Sulfamethoxazole							63	
Ciprofloxacin							25	

	90% or greater susceptible
	50-89% susceptible
	less than 50% susceptible
	antibiotic not tested
	less than 30 organisms reported
R	Intrinsic/Acquired Resistance
	C. freundii is intrisically resistant to Amoxicillin/Clavulanic Acid
	E. aerogens and E. cloacae are intrisically resistant to Amoxicillin/Clavulanic Acid
	Results for this drug not available - as per CLSI these drugs lack efficacy and are not suitable for AST or treatment of infection

PLEASE NOTE
Exercise caution in interpretation if fewer than 30 organisms are reported for a given species.
It is recommended that at least 30 organism isolates are present for a given reporting period in order to preform valid statistical comparisons.

Year	2016	2017	2018	2019	2020	2021	2022	
Klebsiella pneumoniae (excluding ESBL)							15	# isolates
Ampicillin							R	
Amoxicillin/Clavulanic acid							93	
Cefazolin							100	
Ceftriaxone							100	
Ceftazidime							100	
Piperacillin/Tazobactam							100	
Ertapenem							100	
Meropenem							100	
Gentamicin							100	
Tobramycin							100	
Amikacin								
Trimethoprim/Sulfamethoxazole							100	
Ciprofloxacin							93	
Klebsiella pneumoniae (ESBL)							0	# isolates
Ampicillin								
Amoxicillin/Clavulanic acid								
Cefazolin								
Ceftriaxone								
Ceftazidime								
Piperacillin/Tazobactam								
Ertapenem								
Meropenem								
Gentamicin								
Tobramycin								
Amikacin								
Trimethoprim/Sulfamethoxazole								
Ciprofloxacin								
Klebsiella pneumoniae (including ESBL)	15	14	32	23	14	14	15	# isolates
Ampicillin		R	R	R	R	R	R	
Amoxicillin/Clavulanic acid			94	87	100	93	93	
Cefazolin	93	100	94	83	93	92	100	
Ceftriaxone	93	100	97	95	100	93	100	
Ceftazidime	93	100	94	91	100	93	100	
Piperacillin/Tazobactam	100	100	94	96	100	100	100	
Ertapenem	100	100	100	100	100	100	100	
Meropenem	100	100	100	100	100	100	100	
Gentamicin	87	100	100	100	100	100	100	
Tobramycin	87	100	100	100	100	100	100	
Amikacin	100	100	100	100				
Trimethoprim/Sulfamethoxazole	80	93	94	87	100	86	100	
Ciprofloxacin	87	100	97	96	100	79	93	

	90% or greater susceptible
	50-89% susceptible
	less than 50% susceptible
	antibiotic not tested
	less than 30 organisms reported
R	Intrinsic/Acquired Resistance
	C. freundii is intrisically resistant to Amoxicillin/Clavulanic Acid
	E. aerogens and E. cloacae are intrisically resistant to Amoxicillin/Clavulanic Acid
	Results for this drug not available - as per CLSI these drugs lack efficacy and are not suitable for AST or treatment of infection

Year	2016	2017	2018	2019	2020	2021	2022	
Enterobacter spp	5	9	7	8	4	4	9	# isolates
Ampicillin		R	R	R	R	R	R	
Amoxicillin/Clavulanic acid			14	0	0	0	0	
Cefazolin		R	R	R	R	R	R	
Ceftriaxone	80	78	100	100	75	75	78	
Ceftazidime	80	78	100	100	75	75	78	
Piperacillin/Tazobactam	80	88	100	100	75	75	78	
Ertapenem	100	100	100	100	100	100	100	
Meropenem	100	100	100	100	100	100	100	
Gentamicin	100	100	100	100	100	100	100	
Tobramycin	100	100	100	100	100	100	100	
Amikacin	100	100	100	100				
Trimethoprim/Sulfamethoxazole	100	89	100	100	100	100	100	
Ciprofloxacin	100	100	100	100	100	100	100	
Proteus mirabilis	8	12	12	11	6	11	8	# isolates
Ampicillin	75	92	58	91	83	64	100	
Amoxicillin/Clavulanic acid			100	100	100	91	100	
Cefazolin	88	100	92	90	100	80	100	
Ceftriaxone	88	100	92	91	100	91	100	
Ceftazidime	88	100	83	91	100	91	100	
Piperacillin/Tazobactam	100	100	100	100	100	100	100	
Ertapenem	100	100	100	100	100	100	100	
Meropenem	100	100	100	100	100	100	100	
Gentamicin	88	100	92	91	100	91	100	
Tobramycin	88	100	83	91	100	91	100	
Amikacin	88	100	100	89				
Trimethoprim/Sulfamethoxazole	75	92	83	91	83	82	100	
Ciprofloxacin	75	83	83	64	100	91	100	
Pseudomonas aeruginosa	13	20	22	17	10	13	19	# isolates
Ampicillin								
Amoxicillin/Clavulanic acid			R	R	R	R	R	
Cefazolin								
Ceftriaxone								
Ceftazidime	92	90	95	88	100	85	95	
Piperacillin/Tazobactam	100	100	95	88	100	92	95	
Ertapenem								
Meropenem	92	100	95	94	90	100	89	
Gentamicin	85	100	91	94	80	100	95	
Tobramycin	100	100	100	94	100	100	100	
Amikacin	100	95	95	100				
Trimethoprim/Sulfamethoxazole								
Ciprofloxacin	92	100	91	100	100	69	89	

	90% or greater susceptible
	50-89% susceptible
	less than 50% susceptible
	antibiotic not tested
	less than 30 organisms reported
R	Intrinsic/Acquired Resistance
	C. freundii is intrisically resistant to Amoxicillin/Clavulanic Acid
	E. aerogens and E. cloacae are intrisically resistant to Amoxicillin/Clavulanic Acid
	Results for this drug not available - as per CLSI these drugs lack efficacy and are not suitable for AST or treatment of infection

Year	2016	2017	2018	2019	2020	2021	2022	
Citrobacter freundii complex	4	1	4	2	4	6	2	# isolates
Ampicillin		R	R	R	R	R	R	
Amoxicillin/Clavulanic acid			0	0	0	0	0	
Cefazolin		R	R	R	R	R	R	
Ceftriaxone	100	100	100	50	100	50	50	
Ceftazidime	100	100	100	50	100	50	50	
Piperacillin/Tazobactam	100	100	100	50	100	67	100	
Ertapenem	100	100	100	100	100	100	100	
Meropenem	100	100	100	100	100	100	100	
Gentamicin	100	100	75	100	100	83	100	
Tobramycin	100	100	100	100	100	100	100	
Amikacin	100	100	100	100				
Trimethoprim/Sulfamethoxazole	75	100	75	100	25	83	100	
Ciprofloxacin	100	100	75	100	100	100	50	
Klebsiella oxytoca	-	10	9	8	9	6	4	# isolates
Ampicillin		R	R	R	R	R	R	
Amoxicillin/Clavulanic acid			89	100	100	100	75	
Cefazolin	100	70	56	88	89	60	67	
Ceftriaxone	100	100	100	100	100	100	100	
Ceftazidime	100	100	100	100	100	100	100	
Piperacillin/Tazobactam	100	100	89	100	100	100	75	
Ertapenem	100	100	100	100	100	100	100	
Meropenem	100	100	100	100	100	100	100	
Gentamicin	100	100	78	100	100	100	100	
Tobramycin	100	100	78	100	100	100	100	
Amikacin	100	100	100	100				
Trimethoprim/Sulfamethoxazole	100	100	78	100	100	100	75	
Ciprofloxacin	100	100	89	100	100	100	100	

	90% or greater susceptible
	50-89% susceptible
	less than 50% susceptible
	antibiotic not tested
	less than 30 organisms reported
R	Intrinsic/Acquired Resistance
	C. freundii is intrisically resistant to Amoxicillin/Clavulanic Acid
	E. aerogens and E. cloacae are intrisically resistant to Amoxicillin/Clavulanic Acid
	Results for this drug not available - as per CLSI these drugs lack efficacy and are not suitable for AST or treatment of infection

Uxbridge All Specimens: % Susceptibility

Gram Positive Organisms

Year	2016	2017	2018	2019	2020	2021	2022	
Staphylcoccus aureus	39	46	51	48	48	61	35	# isolates
Ampicillin								
Amoxacillin/Clavulanic Acid			98	98	100	100	84	
Cloxacillin	87	96	80	88	85	85	77	
Cefazolin	97	96	80	88	85	85	74	
Clindamycin								
Erythromycin								
Trimethoprim/Sulfamethoxazole								
Ciprofloxacin								
Tetracycline								
Rifampin								
Vancomycin								
Staph aureus MSSA	34	44	42	42	48	52	27	# isolates
Ampicillin								
Amoxacillin/Clavulanic Acid			100	100	100	100	96	
Cloxacillin	100	100	98	100	100	100	100	
Cefazolin	100	100	98	100	100	100	96	
Clindamycin	85	66	74	71	78	87	67	
Erythromycin	85	64	69	69	76	85	63	
Trimethoprim/Sulfamethoxazole	100	100	95	100	100	100	96	
Ciprofloxacin	94	93	98	90	100	94	85	
Tetracycline	100	95	98	98	98	98	93	
Rifampin	100	100	100	100	100	100	100	
Vancomycin	100	100	100	100	100	100	100	
Staph aureus MRSA	5	2	9	6	7	9	8	# isolates
Ampicillin								
Amoxacillin/Clavulanic Acid			0	0	0	0	0	
Cloxacillin		R	R	R	R	R	0	
Cefazolin		R	R	R	R	R	0	
Clindamycin	40	100	78	83	86	56	88	
Erythromycin		0	33	0	14	11	50	
Trimethoprim/Sulfamethoxazole	100	100	100	100	86	100	88	
Ciprofloxacin		0	33	0	29	33	25	
Tetracycline	100	100	89	100	86	100	100	
Rifampin	100	100	100	100	100	100	100	
Vancomycin	100	100	100	100	100	100	100	

	See MSSA and MRSA
	90% or greater susceptible
	50-89% susceptible
	less than 50% susceptible
	antibiotic not tested
	less than 30 organisms reported
R	Intrinsic/Acquired Resistance
	C. freundii is intrisically resistant to Amoxicillin/Clavulanic Acid
	E. aerogens and E. cloacae are intrisically resistant to Amoxicillin/Clavulanic Acid
	Results for this drug not available - as per CLSI these drugs lack efficacy and are not suitable for AST or treatment of infection

Year	2016	2017	2018	2019	2020	2021	2022	
Enterococcus species	20	45	44	39	24	30	33	# isolates
Ampicillin	75	87	84	90	96	77	88	
Amoxacillin/Clavulanic Acid								
Cloxacillin	100							
Cefazolin								
Clindamycin	100							
Erythromycin	100							
Trimethoprim/Sulfamethoxazole	100							
Ciprofloxacin	55	69	77	82	73	76	80	
Tetracycline	39	36	40	26	33	23	18	
Rifampin	100							
Vancomycin	100	100	100	100	100	100	100	
Enterococcus faecalis			4	4	6	6	6	# isolates
Ampicillin			100	100	100	100	100	
Amoxacillin/Clavulanic Acid								
Cloxacillin								
Cefazolin								
Clindamycin								
Erythromycin								
Trimethoprim/Sulfamethoxazole								
Ciprofloxacin			50	100	33	50	67	
Tetracycline			25	0	50	33	33	
Rifampin								
Vancomycin			100	100	100	100	100	
Enterococcus faecium			4	0	0	3	0	# isolates
Ampicillin			0			0		
Amoxacillin/Clavulanic Acid								
Cloxacillin								
Cefazolin								
Clindamycin								
Erythromycin								
Trimethoprim/Sulfamethoxazole								
Ciprofloxacin			0			0		
Tetracycline			67			0		
Rifampin								
Vancomycin			100			100		

	90% or greater susceptible
	50-89% susceptible
	less than 50% susceptible
	antibiotic not tested
	less than 30 organisms reported
R	Intrinsic/Acquired Resistance
	C. freundii is intrisically resistant to Amoxicillin/Clavulanic Acid
	E. aerogens and E. cloacae are intrisically resistant to Amoxicillin/Clavulanic Acid
	Results for this drug not available - as per CLSI these drugs lack efficacy and are not suitable for AST or treatment of infection

Uxbridge Blood Specimens: % Susceptibility

Gram Positive Organisms

Year	2016	2017	2018	2019	2020	2021	2022	
Staphylcoccus aureus	3	9	10	7	7	5	3	# isolates
Ampicillin								
Amoxacillin/Clavulanic Acid			100	100	100	100	67	
Cloxacillin	100	100	70	100	86	100	67	
Cefazolin	100	100	70	100	86	100	67	
High Level Gentamycin								
Vancomycin	100	100	100	100	100	100	100	
Coagulase negative Staphylococcus	0	1	1	1	1	4	3	# isolates
Ampicillin							100	
Amoxacillin/Clavulanic Acid								
Cloxacillin		100	100	0	0	75		
Cefazolin		100	100	0	0	75		
High Level Gentamycin							100	
Vancomycin		100	100	100	100	100	100	
Enterococcus faecalis	0	2	1	1	1	1	3	# isolates
Ampicillin		100	100	100	100	100	100	
Amoxacillin/Clavulanic Acid								
Cloxacillin								
Cefazolin								
High Level Gentamycin		100	100	100	100	100	100	
Vancomycin		100	100	100	100	100	100	

	90% or greater susceptible
	50-89% susceptible
	less than 50% susceptible
	antibiotic not tested
	less than 30 organisms reported
R	Intrinsic/Acquired Resistance
	C. freundii is intrisically resistant to Amoxicillin/Clavulanic Acid
	E. aerogens and E. cloacae are intrisically resistant to Amoxicillin/Clavulanic Acid
	Results for this drug not available - as per CLSI these drugs lack efficacy and are not suitable for AST or treatment of infection

Uxbridge Blood Specimens: % Susceptibility

Gram Negative Organisms

Year	2016	2017	2018	2019	2020	2021	2022	
Escheria coli (excluding ESBL)		7	16	9	13	19	15	# isolates
Ampicillin		86	63	67	62	74	67	
Amoxicillin/Clavulanic acid			100	78	100	84	87	
Cefazolin		100	88	67	69	79	67	
Ceftriaxone		100	100	100	100	100	93	
Ceftazidime		100	100	100	100	100	93	
Piperacillin/Tazobactam		100	100	100	92	100	93	
Ertapenem		100	100	100	100	100	100	
Meropenem		100	100	100	100	100	100	
Gentamicin		100	100	100	92	100	100	
Tobramycin		100	100	100	92	100	100	
Amikacin		100	100	100				
Trimethoprim/Sulfamethoxazole		86	88	100	85	100	93	
Ciprofloxacin		71	88	100	85	100	100	
Escheria coli (including ESBL)	6	8	19	10	13	20	15	# isolates
Ampicillin	67	75	53	60	62	70	67	
Amoxicillin/Clavulanic acid			89	80	100	85	87	
Cefazolin	100	88	74	60	69	75	67	
Ceftriaxone	100	88	84	90	100	95	93	
Ceftazidime	100	88	84	90	100	95	93	
Piperacillin/Tazobactam	100	100	100	100	92	100	93	
Ertapenem	100	100	100	100	100	100	100	
Meropenem	100	100	100	100	100	100	100	
Gentamicin	100	100	95	100	92	100	100	
Tobramycin	100	88	89	100	92	100	100	
Amikacin	100	100	100	100				
Trimethoprim/Sulfamethoxazole	83	75	84	90	85	95	93	
Ciprofloxacin	67	63	74	90	85	100	100	
Klebsiella pneumoniae (excluding ESBL)							3	# isolates
Ampicillin							R	
Amoxicillin/Clavulanic acid							100	
Cefazolin							100	
Ceftriaxone							100	
Ceftazidime							100	
Piperacillin/Tazobactam							100	
Ertapenem							100	
Meropenem							100	
Gentamicin							100	
Tobramycin							100	
Amikacin							100	
Trimethoprim/Sulfamethoxazole							100	
Ciprofloxacin							100	

	90% or greater susceptible
	50-89% susceptible
	less than 50% susceptible
	antibiotic not tested
	less than 30 organisms reported
R	Intrinsic/Acquired Resistance
	C. freundii is intrisically resistant to Amoxicillin/Clavulanic Acid
	E. aerogens and E. cloacae are intrisically resistant to Amoxicillin/Clavulanic Acid
	Results for this drug not available - as per CLSI these drugs lack efficacy and are not suitable for AST or treatment of infection

Year	2016	2017	2018	2019	2020	2021	2022	
Klebsiella pneumoniae (including ESBL)	2	2	4	4	4	1	3	# isolates
Ampicillin		R	R	R	R	R	R	
Amoxicillin/Clavulanic acid			75	100	100	100	100	
Cefazolin	100	100	75	50	75	100	100	
Ceftriaxone	100	100	100	75	100	100	100	
Ceftazidime	100	100	75	75	100	100	100	
Piperacillin/Tazobactam	100	100	75	100	100	100	100	
Ertapenem	100	100	100	100	100	100	100	
Meropenem	100	100	100	100	100	100	100	
Gentamicin	100	100	100	100	100	100	100	
Tobramycin	100	100	100	100	100	100	100	
Amikacin	100	100	100	100				
Trimethoprim/Sulfamethoxazole	100	100	100	75	100	100	100	
Ciprofloxacin	100	100	100	75	75	100	100	
Ciprofloxacin	100	100	100	75	75	100	100	
Enterobacter spp		3	1	1	-	1	4	# isolates
Ampicillin		R	R	R		R	R	
Amoxicillin/Clavulanic acid			0	0		0	0	
Cefazolin		R	R	R		R	R	
Ceftriaxone		67	100	100		100	75	
Ceftazidime		67	100	100		100	75	
Piperacillin/Tazobactam		100		100		100	75	
Ertapenem		100	100	100		100	100	
Meropenem		100	100	100		100	100	
Gentamicin		100	100	100		100	100	
Tobramycin		100	100	100		100	100	
Amikacin		100	100	100		100		
Trimethoprim/Sulfamethoxazole		100	100	100		100	100	
Ciprofloxacin		100	100	100		100	100	
Pseudomonas aeruginosa		0	1	2	-	1	1	# isolates
Ampicillin								
Amoxicillin/Clavulanic acid			R	R	R	R	R	
Cefazolin								
Ceftriaxone								
Ceftazidime			100	100		100	100	
Piperacillin/Tazobactam			100	100		100	100	
Ertapenem								
Meropenem			100	100		100	100	
Gentamicin			0	100		100	100	
Tobramycin			100	100		100	100	
Amikacin			0	100				
Trimethoprim/Sulfamethoxazole								
Ciprofloxacin			100	100		100	100	

	90% or greater susceptible
	50-89% susceptible
	less than 50% susceptible
	antibiotic not tested
	less than 30 organisms reported
R	Intrinsic/Acquired Resistance
	C. freundii is intrisically resistant to Amoxicillin/Clavulanic Acid
	E. aerogens and E. cloacae are intrisically resistant to Amoxicillin/Clavulanic Acid
	Results for this drug not available - as per CLSI these drugs lack efficacy and are not suitable for AST or treatment of infection

Uxbridge Urine Specimens: % Susceptibility

Gram Negative Organisms

Year	2016	2017	2018	2019	2020	2021	2022	
Escheria coli (excluding ESBL)		180	156	174	127	123	126	# isolates
Ampicillin		70	57	67	65	65	67	
Amoxicillin/Clavulanic acid			86	89	87	83	85	
Cefazolin		97	96	97	94	98	95	
Ceftriaxone		98	99	98	95	99	98	
Ceftazidime		98	99	99	97	99	98	
Piperacillin/Tazobactam		97	97	99	97	98	96	
Ertapenem		100	100	100	99	100	100	
Meropenem		100	100	100	100	100	100	
Gentamicin		96	97	96	97	96	96	
Tobramycin		97	97	96	98	98	97	
Amikacin		100	100	100				
Nitrofurantoin		98	96	97	98	98	97	
Trimethoprim/Sulfamethoxazole		81	80	82	80	84	87	
Ciprofloxacin		91	88	90	82	81	84	
Escheria coli (ESBL)							8	# isolates
Ampicillin							0	
Amoxicillin/Clavulanic acid							75	
Cefazolin							0	
Ceftriaxone							0	
Ceftazidime							13	
Piperacillin/Tazobactam							100	
Ertapenem							100	
Meropenem							100	
Gentamicin							88	
Tobramycin							88	
Amikacin								
Nitrofurantoin							88	
Trimethoprim/Sulfamethoxazole							63	
Ciprofloxacin							25	
Escheria coli (including ESBL)	93	191	169	181	129	131	134	# isolates
Ampicillin	61	66	53	65	64	62	63	
Amoxicillin/Clavulanic acid			84	88	88	82	84	
Cefazolin		92	89	93	93	91	90	
Ceftriaxone	99	92	91	94	94	92	92	
Ceftazidime	99	92	91	97	96	93	93	
Piperacillin/Tazobactam	100	96	98	99	97	98	96	
Ertapenem	100	100	100	100	99	99	100	
Meropenem	100	100	100	100	100	100	100	
Gentamicin	91	95	95	96	96	95	96	
Tobramycin	91	94	95	95	97	96	96	
Amikacin	100	100	100	100				
Nitrofurantoin	97	98	96	97	98	98	96	
Trimethoprim/Sulfamethoxazole	76	79	76	81	80	83	85	
Ciprofloxacin	88	86	84	88	81	79	81	

	90% or greater susceptible
	50-89% susceptible
	less than 50% susceptible
	antibiotic not tested
	less than 30 organisms reported
R	Intrinsic/Acquired Resistance
	C. freundii is intrisically resistant to Amoxicillin/Clavulanic Acid
	E. aerogens and E. cloacae are intrisically resistant to Amoxicillin/Clavulanic Acid
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Year	2016	2017	2018	2019	2020	2021	2022	
Klebsiella pneumoniae (excluding ESBL)							13	# isolates
Ampicillin							R	
Amoxicillin/Clavulanic acid							92	
Cefazolin							100	
Ceftriaxone							100	
Ceftazidime							100	
Piperacillin/Tazobactam							100	
Ertapenem							100	
Meropenem							100	
Gentamicin							100	
Tobramycin							100	
Amikacin								
Nitrofurantoin							38	
Trimethoprim/Sulfamethoxazole							100	
Ciprofloxacin							92	
Klebsiella pneumoniae(including ESBL)	14	12	28	21	12	12	13	# isolates
Ampicillin		R	R	R	R	R	R	
Amoxicillin/Clavulanic acid			96	86	100	92	92	
Cefazolin		100	96	90	100	92	100	
Ceftriaxone	93	100	96	100	100	92	100	
Ceftazidime	93	100	96	95	100	92	100	
Piperacillin/Tazobactam	100	100	96	95	100	100	100	
Ertapenem	100	100	100	100	100	100	100	
Meropenem	100	100	100	100	100	100	100	
Gentamicin	86	100	100	100	100	100	100	
Tobramycin	86	100	100	100	100	100	100	
Amikacin	100	100	100	100				
Nitrofurantoin	50	58	50	24	17	25	38	
Trimethoprim/Sulfamethoxazole	79	92	93	90	100	83	100	
Ciprofloxacin	86	100	96	100	100	75	92	
Enterobacter spp	4	6	6	6	4	3	3	# isolates
Ampicillin		R	R	R	R	R	R	
Amoxicillin/Clavulanic acid			17	0	0	0	0	
Cefazolin		R	R	R	R	R	R	
Ceftriaxone	75	83	100	100	75	100	100	
Ceftazidime	75	83	100	100	75	100	100	
Piperacillin/Tazobactam	75	83	100	100	75	100	100	
Ertapenem	100	100	100	100	100	100	100	
Meropenem	100	100	100	100	100	100	100	
Gentamicin	100	100	100	100	100	100	100	
Tobramycin	100	100	100	100	100	100	100	
Amikacin	100	100	100	100				
Nitrofurantoin	50	33	67	50	25	0	100	
Trimethoprim/Sulfamethoxazole	100	83	100	100	100	100	100	
Ciprofloxacin	100	100	100	100	100	100	100	

	90% or greater susceptible
	50-89% susceptible
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Year	2016	2017	2018	2019	2020	2021	2022	
Proteus mirabilis	7	10	11	10	6	9	6	# isolates
Ampicillin	71	100	64	90	83	56	100	
Amoxicillin/Clavulanic acid			100	100	100	89	100	
Cefazolin		100	100	90	100	89	100	
Ceftriaxone	86	100	100	90	100	89	100	
Ceftazidime	86	100	91	90	100	89	100	
Piperacillin/Tazobactam	100	100	100	100	100	100	100	
Ertapenem	100	100	100	100	100	100	100	
Meropenem	100	100	100	100	100	100	100	
Gentamicin	86	100	100	90	100	89	100	
Tobramycin	86	100	91	90	100	89	100	
Amikacin	86	100	100	88				
Nitrofurantoin		R	R	R	R	R	0	
Trimethoprim/Sulfamethoxazole	71	90	91	90	83	78	100	
Ciprofloxacin	86	80	91	70	100	89	100	
Pseudomonas aeruginosa	6	16	12	13	7	9	16	# isolates
Ampicillin								
Amoxicillin/Clavulanic acid			R	R	R	R	R	
Cefazolin								
Ceftriaxone								
Ceftazidime	100	94	92	85	100	78	94	
Piperacillin/Tazobactam	100	100	92	92	100	89	94	
Ertapenem								
Meropenem	83	100	92	100	86	100	88	
Gentamicin	67	100	83	100	71	100	94	
Tobramycin	100	100	100	100	100	100	100	
Amikacin	100	94	92	100				
Nitrofurantoin								
Trimethoprim/Sulfamethoxazole								
Ciprofloxacin	100	100	92	100	100	67	88	

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Uxbridge Urine Specimens: % Susceptibility

Gram Positive Organisms

Year	2016	2017	2018	2019	2020	2021	2022	
Staphylococcus aureus	4	4	4	2	1	3	5	# isolates
Ampicillin								
Amoxacillin/Clavulanic Acid			100	100	100	100	100	
Cefazolin	100	100	75	100	100	100	100	
Cloxacillin	75	100	75	100	100	100	100	
Trimethoprim/Sulfamethoxazole	100	100	100	100	100	100	100	
Ciprofloxacin	25	100	75	100	100	100	100	
Nitrofurantoin	100	100	100	100	100	100	100	
Tetracycline	100	100	100	100	100	100	100	
Rifampin	100	100	100	100	100	100	100	
Vancomycin	100	100	100	100	100	100	100	
Enterococcus species	20	41	40	38	22	27	30	# isolates
Ampicillin	75	88	90	89	95	74	87	
Amoxacillin/Clavulanic Acid								
Cefazolin								
Cloxacillin	100							
Trimethoprim/Sulfamethoxazole	100							
Ciprofloxacin	55	68	80	82	73	70	80	
Nitrofurantoin	90	88	93	89	95	67	83	
Tetracycline	39	39	40	29	27	22	17	
Rifampin	100							
Vancomycin	100	100	100	100	100	100	100	
Enterococcus faecalis			2	0	3	2	3	# isolates
Ampicillin			100		100	100	100	
Amoxacillin/Clavulanic Acid								
Cefazolin								
Cloxacillin								
Trimethoprim/Sulfamethoxazole								
Ciprofloxacin			50		33	50	67	
Nitrofurantoin			100		100	100	100	
Tetracycline			50		33	0	33	
Rifampin								
Vancomycin			100		100	100	100	
Enterococcus faecium			1	0	0	1	0	# isolates
Ampicillin			0			0		
Amoxacillin/Clavulanic Acid								
Cefazolin								
Cloxacillin								
Trimethoprim/Sulfamethoxazole								
Ciprofloxacin			0			0		
Nitrofurantoin			0			0		
Tetracycline			100			0		
Rifampin								
Vancomycin			100			100		

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All locations *S. pneumoniae* Specimens: % Susceptibility

Gram Positive Organisms

Year	2016	2017	2018	2019	2020	2021	2022	
Blood culture and spinal fluid specimens	33	38	34	41	8	17	39	# isolates
Penicillin V (oral)								
Penicillin G (parenteral)								
Ceftriaxone								
Levofloxacin	100	100	100	100	100	100	97	
Meropenem	100	94	94	95	100	94	89	
Vancomycin	100	100	100	100	100	100	100	
Trimethoprim/Sulfamethoxazole								
Erythromycin								
Meningeal interpretation	33	42	38	41	8	18	39	# isolates
Penicillin V (oral)								
Penicillin G (parenteral)	85	90	89	90	88	78	79	
Ceftriaxone	97	95	95	98	100	94	89	
Levofloxacin								
Meropenem								
Vancomycin								
Trimethoprim/Sulfamethoxazole								
Erythromycin								
Non-meningeal interpretation	33	42	38	41	8	18	39	# isolates
Penicillin V (oral)								
Penicillin G (parenteral)	100	100	97	100	100	94	97	
Ceftriaxone	100	100	100	100	100	94	97	
Levofloxacin								
Meropenem								
Vancomycin								
Trimethoprim/Sulfamethoxazole								
Erythromycin								
All specimens except blood cultures and spinal fluid specimens	29	40	30	30	24	14	15	# isolates
Penicillin V (oral)	79	72	90	83	75	57	87	
Penicillin G (parenteral)	100	91	100	100	100	83	100	
Ceftriaxone	100	92	100	100	100	86	100	
Levofloxacin	97	97	97	100	100	100	100	
Meropenem								
Vancomycin								
Trimethoprim/Sulfamethoxazole	90	88	86	80	79	79	93	
Erythromycin	66	60	76	57	50	64	79	

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