

<b>Emergency Department Urinary Antibiogram Nebraska Medical Center Jan 1, 2017 - Dec 31, 2019 ED patients only, first isolate per patient</b>	# Isolates	Amikacin	Ampicillin (Amox)	Amox/Clav	Cefazolin (1st) ◊	Cefoxitin (2nd)	Cefuroxime (2nd)	Ceftriaxone (3rd)	Cefepime (4th)	Daptomycin	Ertapenem	Gentamicin	Levofloxacin	Linezolid	Meropenem	Nitrofurantoin	Oxacillin	Pip/Tazo	Tetracycline	Tobramycin	Sulfa/Trim	Vancomycin
<b>GRAM NEGATIVE ORGANISMS</b>																						
<i>Escherichia coli</i>	1263	99	53	87	90	94	80	94	95	R	100	93	88	R	100	98	R	92	79	94	73	R
<i>Klebsiella pneumoniae</i>	155	100	R	95	94	91	83	94	94	R	99	97	96	R	100	36	R	93	84	96	89	R
<i>Proteus mirabilis</i>	75	100	93	100	94	100	97	97	98	R	100	90	82	R	100	R	R	98	R	90	78	R
<i>Pseudomonas aeruginosa</i>	41	97	R	R	R	R	R	R	90	R	R	85	80	R	85		R	92	R	97	R	R
<i>Klebsiella oxytoca</i>	23	100	R	90	56	90	78	86	86	R	100	95	100	R	100	100	R	86	85	95	95	R
<i>Klebsiella (Enterobacter) aerogenes</i>	22	100	R	R	R	0	0	90	100	R	95	100	100	R	100	0	R	95	100	100	100	R
<i>Enterobacter cloacae</i>	22	100	R	R	R	R	4	81	100	R	95	100	100	R	100	0	R	90	77	100	81	R
<i>Citrobacter freundii complex</i>	15	100	R	R	R	0	R	93	100	R	100	100	93	R	100	75	R	100	71	100	80	R
<i>Citrobacter koseri</i>	11	100	R	100	27	100	90	100	100	R	100	100	81	R	100	100	R	100	100	100	81	R
<b>GRAM POSITIVE ORGANISMS</b>																						
<i>Staphylococcus aureus</i>	23	R	0	81				76		100		95	73	100		100	78		95	R	95	100
<i>Staphylococcus epidermidis</i>	31	R	0	31				46		100		100	63	100		100	45		93	R	67	100
<i>Enterococcus faecalis</i>	77	R	100		R	R	R	R	R	100	R	R	80	98		98			21	R	R	100
◊ = Reflects susceptibility to cephalexin																						
Use caution interpreting results with <30 isolates							R = intrinsically resistant							Blanks indicate not routinely tested								

<b>Outpatient Urinary Antibigram</b> <b>Nebraska Medicine</b> <b>Jan 1, 2017 - Dec 31, 2019</b> Outpatients only (clinics and ED discharges), first isolate per patient		# Isolates	Amikacin	Ampicillin (Amox)	Amox/Clav	Cefazolin (1st)	Cefoxitin (2nd) ◊	Cefuroxime (2nd)	Ceftriaxone (3rd)	Cefepime (4th)	Daptomycin	Ertapenem	Gentamicin	Levofloxacin	Linezolid	Meropenem	Nitrofurantoin	Oxacillin	Pip/Tazo	Tetracycline	Tobramycin	Sulfa/Trim	Vancormycin
<b>GRAM NEGATIVE ORGANISMS</b>																							
<i>Escherichia coli</i>	911	99	57	87	91	94	82	95	96	R	99	92	86	R	100	98	R	94	78	92	77	R	
<i>Klebsiella pneumoniae</i>	140	100	R	94	96	91	88	97	97	R	100	97	97	R	100	44	R	96	84	97	91	R	
<i>Proteus mirabilis</i>	54	98	92	100	96	100	96	100	100	R	100	96	92	R	100	R	R	100	R	96	85	R	
<i>Pseudomonas aeruginosa</i>	20	95	R	R	R	R	R	R	95	R	R	90	85	R	95		R	95	R	100	R	R	
<i>Citrobacter freundii complex</i>	19	100	R	R	R	R	R	84	100	R	100	89	100	R	100	90	R	94	84	89	84	R	
<i>Citrobacter koseri</i>	19	100	R	100	63	100	84	100	100	R	100	100	100	R	100	90	R	100	94	100	100	R	
<i>Klebsiella oxytoca</i>	17	100	R	71	52	71	64	82	82	R	100	82	94	R	100	100	R	82	82	82	70	R	
<i>Klebsiella (Enterobacter) aerogenes</i>	11	100	R	R	R	R	0	100	100	R	100	100	100	R	100	33	R	100	90	100	100	R	
<b>GRAM POSITIVE ORGANISMS</b>																							
<i>Staphylococcus aureus</i>	13	R	0	100				100		100		100	84	100		100	92		92	R	100	100	
<i>Staphylococcus epidermidis</i>	17	R	0	57				56		100		88	58	100		100	52		76	R	47	100	
<i>Enterococcus faecalis</i>	78	R	100		R	R	R	R	R	100	R	R	94	98		100			35	R	R	100	
◊ = Reflects susceptibility to cephalexin																							
Use caution interpreting results with <30 isolates					R = intrinsically resistant										Blanks indicate not routinely tested								

<b>Inpatient Urinary Antibiogram</b> <b>Nebraska Medical Center</b> <b>Jan 1, 2017 - Dec 31, 2019</b> Admitted patients only, first isolate per patient	# Isolates	Amikacin	Ampicillin (Amox)	Amox/Clav	Cefazolin (1st) ◊	Cefoxitin (2nd)	Cefuroxime (2nd)	Ceftriaxone (3rd)	Cefepime (4th)	Daptomycin	Ertapenem	Gentamicin	Levofloxacin	Linezolid	Meropenem	Nitrofurantoin	Oxacillin	Pip/Tazo	Tetracycline	Tobramycin	Sulfa/Trim	Vancomycin
	<b>GRAM NEGATIVE ORGANISMS</b>																					
<i>Escherichia coli</i>	1034	99	51	85	87	87	71	90	91	R	99	90	75	R	99	97	R	89	75	90	73	R
<i>Klebsiella pneumoniae</i>	220	99	R	89	89	75	81	90	90	R	99	94	93	R	99	45	R	88	75	93	83	R
<i>Proteus mirabilis</i>	106	100	84	100	91	84	92	95	94	R	100	83	62	R	100	R	R	95	R	85	71	R
<i>Pseudomonas aeruginosa</i>	91	97	R	R	R	R	R	R	90	R	R	76	69	R	86		R	90	R	93	R	R
<i>Klebsiella oxytoca</i>	53	100	R	100	45	92	64	83	88	R	98	98	96	R	98	100	R	83	90	96	94	R
<i>Enterobacter cloacae</i>	28	100	R	R	R	R	10	78	96	R	92	100	96	R	100	0	R	89	81	100	85	R
<i>Citrobacter freundii complex</i>	25	100	R	R	R	R	R	72	96	R	96	92	92	R	96	100	R	84	84	92	92	R
<i>Klebsiella (Enterobacter) aerogenes</i>	24	100	R	R	R	R	4	79	100	R	100	100	95	R	100	0	R	87	88	100	100	R
<i>Citrobacter koseri</i>	17	100	R	80	41	100	94	100	100	R	100	100	88	R	100	100	R	94	92	100	88	R
<i>Morganella morganii</i>	12	100	R	R	R	100	R	58	91	R	100	83	66	R	100	R	R	100	44	100	58	R
<i>Serratia marcescens</i>	12	100	R	R	R	R	R	50	91	R	100	100	100	R	100	R	R	75	9	83	91	R
<b>GRAM POSITIVE ORGANISMS</b>																						
<i>Staphylococcus aureus</i>	52	R	0	70				65		100		98	59	100		98	63		94	R	100	100
* Methicillin-resistant <i>S. aureus</i>	19	R	R	R	R	R		R	R	100	R	94	10	100		94	R	R	94	R	100	100
<i>Staphylococcus epidermidis</i>	27	R	0	38				52		100		88	44	100		100	48		88	R	51	100
<i>Enterococcus faecalis</i>	132	R	100		R	R	R	R	R	100	R	R	77	97		100			26	R	R	100
<i>Enterococcus faecium</i>	29	R	20		R	R		R	R	55	R	R	20	92		48			16	R	R	51
* Vancomycin-resistant <i>E. faecium</i>	15	R	0		R	R		R	R	60	R	R	0	92		58			7	R	R	0
*subset of group above	◊ = Reflects susceptibility to cephalixin																					
Use caution interpreting results with <30 isolates	R = intrinsically resistant										Blanks indicate not routinely tested											