

Regional Antibigram - 2021 Patients ≥18 years of age Alton Memorial Hospital, Barnes-Jewish Hospital, Christian Hospital, Memorial Hospital, Parkland Health Center, St. Louis Children's Hospital	Percent of Strains Susceptible to Antimicrobial Indicated																						
	# Strains Tested	Amikacin	Ampicillin	Ampicillin-Sulbactam	Aztreonam	Cefazolin	Cefepime	Cefiderocol	Ceftolozane-Tazobactam	Ceftriaxone	Ceftazidime	Ciprofloxacin	Fosfomycin <sup>^</sup>	Gentamicin	Imipenem	Levofloxacin	Meropenem	Minocycline	Nitrofurantoin <sup>†</sup>	Piperacillin-Tazobactam	Tobramycin	Trimethoprim-Sulfamethoxazole	
<b>Gram Negative Bacilli</b>																							
<i>Achromobacter</i> spp.	86					15				87	15		6			87				100		95	
<i>Acinetobacter</i> spp. (excluding <i>A. calcoaceticus-baumannii</i> complex)	89			99		98				85	98		97			99				91		91	
<i>Acinetobacter calcoaceticus-baumannii</i> complex	126			89		39				55	33		86			34				31		58	
<i>Alcaligenes faecalis</i>	31					58				100	74		100			100						80	
<i>Citrobacter freundii</i> complex	227		•	•	•	•	97		•	•	86		95			99		94	•			83	
<i>Citrobacter koseri</i>	222		0	87		93	97		97	96	96		100			97		100	97			95	
<i>Enterobacter aerogenes</i>	296		•	•	•	•	99		•	•	95		99			100		49	•			97	
<i>Enterobacter cloacae</i> complex	735		•	•	•	•	99		•	•	93		99			99		63	•			91	
<i>Escherichia coli</i>	7938		49	61		86	96		91	94	75		92			100				99		75	
<i>Escherichia coli</i> - URINE ONLY	6925		49			90	97		93	95	75	97	92			100		98	99			75	
<i>Klebsiella oxytoca</i>	445		0	68		52	97		87	93	88		93			99		97	94			86	
<i>Klebsiella pneumoniae</i>	2048		0	67		89	95		92	92	85		95			99		66	96			84	
<i>Klebsiella variicola</i>	186		0	88		95	98		97	97	90		97			100		93	98			94	
<i>Morganella morganii</i>	175		0			0	100		91	83	74		93	£		99		‡	97			76	
<i>Proteus mirabilis</i>	1308		82	96		68	99		98	99	73		94	£		100		‡	100			78	
<i>Proteus vulgaris</i> and <i>Proteus vulgaris/hauseri</i>	100		0			0	99		95	99	95		100	£		100		‡	100			94	
<i>Providencia stuartii</i>	82		0			0	96		96	82	46		90	£		98		‡	96			82	
<i>Providencia rettgeri</i>	82		0			0	100		99	100	85		98	£		100		‡	100			89	
<i>Pseudomonas aeruginosa</i>	1731	96			82		96	100	98		94	85	95	89		91			94	97			
<i>Pseudomonas aeruginosa</i> (mucooid phenotype)	175	86			81		86		94		93	62	88	84		86			93	95			
<i>Pseudomonas</i> spp., not <i>P. aeruginosa</i>	68						96				96	93	100			84						45	
<i>Serratia marcescens</i>	304		•	•	•	•	100		•	•	96		98			100			•			96	
<i>Stenotrophomonas maltophilia</i>	257														93		100					97	

<sup>†</sup> Only indicated for uncomplicated cystitis.

• Because of the presence of inducible beta-lactamase, these organisms should be considered resistant to the antimicrobial indicated.

<sup>‡</sup> Intrinsically resistant to nitrofurantoin, tetracyclines, and colistin.

<sup>^</sup> Fosfomycin is routinely tested on multi-drug resistant *Escherichia coli* from urine. Fosfomycin is only indicated for urinary tract infection.

<sup>£</sup> Low-level resistance to imipenem is common in Proteaeae; imipenem cannot be inferred from meropenem.

Shaded boxes indicate organism/antimicrobial combinations not tested routinely.

Data based on first isolate per patient.

Regional antibiogram includes first isolate per patient for inpatients, outpatients, and Emergency Department.