

Regional Adult Antibiograms 2022

Updated April 25, 2023

Gram Positive Bacteria Percent of Strains Susceptible

Regional Antibiogram - 2022 Patients 218 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	Ampicillin	Azithromycin	Cefazolin	Ceftaroline	Ceftriaxone	Ceftriaxone (non-meningitis)	Ceftriaxone (meningitis)	Ciprofloxacin	Clindamycin	Daptomycin [‡]	Doxycycline	Erythromycin	Gatifloxacin [†]	Gentamicin (High-level)	Levofloxacin	Linezolid	Nitrofurantoin [†]	Oxacillin	Penicillin	Penicillin (non-meningitis)	Penicillin (meningitis)	Trimethoprim-Sulfamethoxazole	Vancomycin
Gram Positive																								
<i>Staphylococcus aureus</i>	4276			61	100	61				70	95	96	42				100		60				98	98
MRSA*	1685			0	100	0				64	94	93	14				100		0				97	98
MSSA**	2591			100	100	100				74	95	97	60				100		99				99	98
VISA***	68			62	100	62				68	43	100	38				100		60				100	0
<i>Staphylococcus capitis</i>	114			77		77				77	67	94	61				100		77				93	99
<i>Staphylococcus epidermidis</i>	837			30		30				54	96	89	33				100		30				46	100
<i>Staphylococcus haemolyticus</i>	48			42		42				47	98	94	13				100		42				56	100
<i>Staphylococcus hominis</i>	187			45		45				71	100	83	32				100		45				61	100
<i>Staphylococcus intermedius</i> group	76			83		83				77	100	78	76				100		83				71	100
<i>Staphylococcus lugdunensis</i>	400			82		82				82	99	98	71				100		62				99	100
<i>Staphylococcus pettenkoferi</i>	44			58		58				74	52	100	58				100		58				93	100
Other <i>Staphylococcus</i> species	97			79		79				82	81	99	57				100		79				93	100
<i>Enterococcus faecalis</i>	1729	100									99	35		89			100	99						96
<i>Enterococcus faecium</i>	467	15									94	49		97			100	15						41
<i>Streptococcus agalactiae</i> (Group B) [‡]	150					100				40						98	100			100				100
<i>Streptococcus anginosus</i>	179					100				80			66			100				99				100
<i>Streptococcus bovis</i> group	30					100										73				97				100
<i>Streptococcus constellatus</i>	77					100				77			78			97				97				100
<i>Streptococcus dysgalactiae</i> [‡]	55					100				62						98	100			100				100
<i>Streptococcus intermedius</i>	65					100				80			66			100				100				100
<i>Streptococcus mitis</i> group	135					99				85			40			84				64				100
<i>Streptococcus pneumoniae</i>	137		67				100	89		89		85		100							99	65	72	100
<i>Streptococcus pyogenes</i> (Group A) [‡]	66					100				64						98	100			100				100
<i>Streptococcus salivarius</i> group	30					100										97				60				100
<i>Corynebacterium striatum</i>	183								4			13				100				1				100
<i>Corynebacterium</i> spp., not <i>C. striatum</i>	138								55			80				100				38				100

[†] Only indicated for uncomplicated cystitis.

* Methicillin-Resistant *Staphylococcus aureus*.

** Methicillin-Susceptible *Staphylococcus aureus*.

*** Vancomycin-Intermediate *Staphylococcus aureus*.

[‡] Only isolates recovered from blood and sterile body sites are routinely tested.

[‡] Daptomycin routinely tested only on isolates from sterile sites.

[‡] Moxifloxacin susceptibility results can be inferred from gatifloxacin susceptibility testing.

Shaded boxes indicate organism/antimicrobial combinations not tested routinely or insufficient data available for robust statistical analysis.

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

Gram Negative
Bacteria
Percent of Strains
Susceptible

Regional Antibiogram - 2022 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	Ampicillin	Ampicillin-Sulbactam	Aztreonam	Cefazolin	Cefepime	Cefiderocol	Ceftolozane-Tazobactam	Ceftriaxone	Ceftazidime	Ciprofloxacin	Fosfomycin [^]	Gentamicin	Imipenem	Levofloxacin	Meropenem	Minocycline	Nitrofurantoin [†]	Piperacillin-Tazobactam	Tobramycin	Trimethoprim-Sulfamethoxazole
Gram Negative Bacilli																					
<i>Achromobacter</i> spp.	72					12				86	22		7			78			97		91
<i>Acinetobacter</i> spp. (excluding <i>A. calcoaceticus-baumannii</i> complex)	89		99			99			44	94	97		100			98			94		96
<i>Acinetobacter calcoaceticus-baumannii</i> complex	120		82			89			3	52	33		78			35			32		63
<i>Aeromonas</i> species	30					100			100	100	93		100			97			100		93
<i>Alcaligenes faecalis</i>	35					57				100	60		100			100					71
<i>Citrobacter freundii</i> complex	255	•	•	•	•	98			•	•	86		97			99		96	•		83
<i>Citrobacter koseri</i>	286	0	87		95	98			97	98	96		99			98		95	96		95
<i>Enterobacter (Klebsiella) aerogenes</i>	320	•	•	•	•	98			•	•	96		98			99		48	•		97
<i>Enterobacter cloacae</i> complex	756	•	•	•	•	98			•	•	92		98			99		61	•		87
<i>Escherichia coli</i>	9302	50	58		87	97			91	94	75		92			100			99		76
<i>Escherichia coli</i> - URINE ONLY	8291	51			90	97			92	95	76	98	92			100		98	99		76
<i>Klebsiella oxytoca</i>	443	0	61		56	97			90	94	88		93			100		98	93		89
<i>Klebsiella pneumoniae</i>	2303	0	60		88	94			90	92	84		96			99		67	95		84
<i>Klebsiella variicola</i>	206	0	88		98	100			99	99	96		100			100		91	100		98
<i>Morganella morganii</i>	206	0	34		0	99			94	86	70		90	£		99		‡	98		78
<i>Proteus mirabilis</i>	1484	82	91		72	98			96	98	73		95	£		100		‡	100		77
<i>Proteus vulgaris/hauseri</i>	116	0	71		0	99			92	99	97		97	£		99		‡	99		92
<i>Providencia rettgeri</i>	74	0	52		0	100			99	99	86		96	£		99		‡	100		84
<i>Providencia stuartii</i>	91	0	35		0	98			93	84	47		90	£		99		‡	98		81
<i>Pseudomonas aeruginosa</i>	1965			79		95	99	99		93	85		97	87		90			92	98	
<i>Pseudomonas aeruginosa</i> (mucoid morphotype)	207			80		88	99	97		93	57		81	86		87			93	91	
<i>Pseudomonas</i> spp., not <i>P. aeruginosa</i>	66					92				95	92		98			68					36
<i>Serratia marcescens</i>	277	•	•		•	99					92		99			100					95
<i>Stenotrophomonas maltophilia</i>	220														91		100				99

[†] Only indicated for uncomplicated cystitis.

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

[‡] Intrinsic resistant to nitrofurantoin, tetracyclines, and colistin.

[^] Fosfomycin is routinely tested on multi-drug resistant *Escherichia coli* from urine. Fosfomycin is only indicated for urinary tract infection.

[£] Low-level resistance to imipenem is common in Proteaeae; imipenem cannot be inferred from meropenem.

Shaded boxes indicate organism/antimicrobial combinations not tested routinely or insufficient data available for robust statistical analysis.

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