

Saint Louis Children's Hospital - 2019	Percent of Strains Susceptible to Antimicrobial Indicated													
Gram Positive	# Strains Tested	Ampicillin	Ceftriaxone	Ceftriaxone (non-meningitis)	Ceftriaxone (meningitis)	Clindamycin	Doxycycline	Erythromycin	Linezolid	Oxacillin (Cefazolin)	Penicillin (non-meningitis)	Penicillin (meningitis)	Trimethoprim-Sulfamethoxazole	Vancomycin
<i>Staphylococcus aureus</i> - Inpatients	219		69			76	98	45	100	69			100	100
MRSA*	68		0			73	100	13	100	0			100	100
MSSA**	151		100			77	97	59	100	100			100	100
<i>Staphylococcus aureus</i> - Emergency Department	427		58			86	99	40	100	58			100	100
MRSA*	179		0			89	99	13	100	0			99	100
MSSA**	248		100			84	99	60	100	100			100	100
<i>Staphylococcus epidermidis</i>	33		24			47	93	23	100	24			37	100
<i>Enterococcus faecalis</i>	49		100				39		100				100	100
<i>Streptococcus pneumoniae</i> †	42			100	79	95	86	41			93	45		100

* Methicillin-Resistant *Staphylococcus aureus*

** Methicillin-Susceptible *Staphylococcus aureus*

† Susceptibility and resistance of *S. pneumoniae* to

Shaded boxes indicate organism/antimicrobial combination
Data based on first isolate per patient for inpatient

Saint Louis Children's Hospital - 2019	Percent of Strains Susceptible to Antimicrobial Indicated																	
Gram Negative Bacilli	# Strains Tested	Ampicillin	Ampicillin-Sulbactam	Cefazolin	Cefepime	Ceftolozane-Tazobactam	Ceftriaxone	Ceftazidime	Ciprofloxacin	Gentamicin	Levofloxacin	Nitrofurantoin [†]	Meropenem	Minocycline	Piperacillin-Tazobactam	Trimethoprim-Sulfamethoxazole	Tobramycin	Aztreonam
<i>Enterobacter cloacae</i> complex	38	•	•	•	92	•	92*	89			100	100			92			•
<i>Escherichia coli</i> - Inpatients	112	39	64	80	97	•	96	97	85*	90		100	100		97	73		
<i>Escherichia coli</i> - Inpatients URINE ONLY	67	39		93	99	•	97	99	87*	90		100	100		97	76		
<i>Escherichia coli</i> - Emergency Department	277	53		94	99	•	97	98	87*	96		100	100		100	76		
<i>Escherichia coli</i> - Emergency Dept. URINE ONLY	263	53		95	99	•	97	98	88*	96		98	100		100	76		
<i>Klebsiella oxytoca</i> *	46	•	•	75	98	•	89	91	93*	93		100	100		96	87		
<i>Klebsiella pneumoniae</i>	35	•	•	74	91	•	80	86	82*	91		100	100		91	68		
<i>Pseudomonas aeruginosa</i> (including mucroid morphotype)	105	•	•	•	93	•	95	88*	90			94	94	•	92	94	84	•
<i>Serratia marcescens</i>	38	•	•	•	97	•	95	88*	90			97	97	•	100			•
<i>Stenotrophomonas maltophilia</i>	36	•	•	•	•	•	92	87			92		97	•	94			•

† Only indicated for uncomplicated cystitis.

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

* Ciprofloxacin breakpoints were modified in March 2019

† Indicates values are based upon two years of data (2018 and 2019)

Shaded boxes indicate organism/antimicrobial combinations not tested routinely.

Data based on first isolate per patient for inpatients unless otherwise noted.