

Saskatchewan Health Authority - Saskatoon Area ANTIBIOGRAM 2019
Pediatric Inpatients - NON-Urinary Isolates
January 1, 2019 - December 31, 2019

Inpatients – % Susceptible

# Isolates tested	Penicillin PO/IV	Penicillin IV - meningitis	Ampicillin/Amoxicillin	Cloxacillin	Amoxicillin-Clavulanic acid	Piperacillin-Tazobactam	Cefazolin	Cefoxitin	Cefuroxime	Ceftriaxone	Ceftriaxone - meningitis	Ceftazidime	Meropenem	Ertapenem	Clindamycin	Azithromycin	Erythromycin	Tetracycline/Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Vancomycin
GRAM-NEGATIVE BACTERIA																								
<i>Escherichia coli</i> ¹ † -	21		43		71	86	40			81		79	100	100				67	76		86	95	89	
<i>Haemophilus influenzae</i> † -	14		86						85	100			100			92				100	77			
<i>Pseudomonas aeruginosa</i> † -	26					92						96	92						89			77	85	

# Isolates tested	Penicillin PO/IV	Penicillin IV - meningitis	Ampicillin/Amoxicillin	Cloxacillin	Amoxicillin-Clavulanic acid	Piperacillin-Tazobactam	Cefazolin	Cefoxitin	Cefuroxime	Ceftriaxone	Ceftriaxone - meningitis	Ceftazidime	Meropenem	Ertapenem	Clindamycin	Azithromycin	Erythromycin	Tetracycline/Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Vancomycin
GRAM-POSITIVE BACTERIA																								
<i>Staphylococcus aureus</i> , all																								
- methicillin-susceptible (MSSA) -	58			100			100								81		79	97	97	97	98			100
- methicillin-resistant (MRSA) -	35	R	R	R	R	R	R	R	R	R	R	R	R	R	77		54	100	71	71	100			100
<i>Staphylococcus epidermidis</i> † -	22														50			100	80	77	73			100
<i>Streptococcus pneumoniae</i> † -	18	100	79						89	100	94				92		67			100				100
<i>Enterococcus faecalis</i> † -	12			100			R	R	R	R	R	R					R	R	100					100

R - intrinsically resistant

† Isolates containing less than 30 reported specimens should be interpreted using presented data ALONG WITH clinical judgement and/or input from infectious diseases service

¹ Overall extended spectrum beta-lactamase (ESBL) activity was seen in 4.8 % of samples of *E. coli*