

Toronto General Hospital ANTIBIOGRAM
Wards other than ICUs/Emergency/Transplant Unit
January 1, 2018 - December 31, 2018

Blood Isolates – % Susceptible

		<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="font-size: small;"> <p>≥80% Susceptible ■</p> <p>70-79% Susceptible ■</p> <p>≤69% Susceptible ■</p> </div> <div style="font-size: x-small; text-align: center;"> <p># %</p> <p>Ampicillin Amoxicillin-Clavulanic acid</p> <p>Penicillin Penicillin IV (meningitis)</p> <p>Penicillin IV (non-meningitis) Piperacillin-Tazobactam</p> <p>Meropenem Ertapenem</p> <p>Cloxacillin Cefazolin</p> <p>Ceftriaxone Ceftriaxone (meningitis)</p> <p>Ceftriaxone (non-meningitis) Ceftazidime</p> <p>Clindamycin Erythromycin</p> <p>Doxycycline Ciprofloxacin</p> <p>Moxifloxacin Trimethoprim-Sulfamethoxazole</p> <p>Gentamicin Tobramycin</p> <p>Amikacin Vancomycin</p> <p>Linezolid</p> </div> </div>																			
ALL BACTERIA	647	—	11	25			50	56	53	36	49					63					
ALL GRAM-NEGATIVE BACTERIA	217	100	8	50			63	99	86	36	60			64		79	68	89	88	100	
<i>Escherichia coli</i>	73	34	16	51			64	100	100	42	67			67		58	55	78	81	100	
<i>Klebsiella pneumoniae</i>	66	30	0	79			80	97	94	65	86			86		88	77	91	86	100	
<i>Enterobacter cloacae</i>	19	9	0	0			0	100	95	0	0			0		100	95	100	100	100	
<i>Pseudomonas aeruginosa</i>	14	6					86	93						86		100		100	100	100	
<i>Serratia marcescens</i>	11	5	0	0			0	100	100	0	0			0		100	100	100	100	100	
<i>Klebsiella oxytoca</i>	11	5	0	91			91	100	100	18	91			91		100	100	100	100	100	
<i>Proteus mirabilis</i>	7	3	57	100			100	100	86	50	100			100		86	71	86	86	100	
<i>Stenotrophomonas maltophilia</i> [†]	5	2														100	100				
<i>Citrobacter freundii</i>	5	2	0	0			0	100	100	0	0			0		80	40	80	80	100	
ALL GRAM-POSITIVE BACTERIA	430	100	12	12	4		44	36	36	32	36	43		55	40		61			97	
Coagulase-negative staphylococci	239	56					35	35	35	35	35			65	43	95	70			100	100
<i>Staphylococcus aureus</i> , all isolates	66	15					83	83	83	83	83			76	68	97	97			100	100
- methicillin-susceptible	55	13					100	100	100	100	100			77	74	98	96			100	100
- methicillin-resistant (MRSA)	11	3					0	0	0	0	0			73	36	91	100			100	100
<i>Enterococcus faecium</i> , all isolates	40	9	5	5			5													63	
- vancomycin-susceptible	25	6	8	8			8													100	
- vancomycin-resistant (VRE)	13	3	0	0			0													0	100
- vancomycin-susceptible (vanA+)	2	0	0	0			0													0	100
<i>Enterococcus faecalis</i> , all isolates	36	8	97	97			97													100	
- vancomycin-susceptible	36	8	97	97			97													100	
- vancomycin-resistant (VRE)	0	0																			
Viridans group streptococci [*]	35	8									94									100	
<i>Streptococcus pneumoniae</i>	5	1			100	100							100	100	100	80				100	
Group B streptococci**	5	1			100											40	40			100	

General Notes:

- Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results.
- Some organisms for which there were only very small numbers have been excluded from this report; however the total number of "ALL BACTERIA", "ALL GRAM-NEGATIVE BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" listed includes these organisms.
- Reported susceptibilities for "ALL BACTERIA", "ALL GRAM-NEGATIVE BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" reflect estimates only based on the weighted average of susceptibilities for all organisms included on this report as well as those that have been excluded, with assumptions made for those drugs for which susceptibilities were not tested.
- Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Year-Specific Notes:

- Only a limited number of coagulase negative staphylococci isolates were tested for susceptibilities. The vast majority of coagulase-negative staphylococci are susceptible to vancomycin.

Organism-Specific Notes:

- ** Beta-hemolytic streptococci: Susceptibility testing to penicillin is not routinely performed since resistant strains have not been recognized. All isolates are considered susceptible to penicillin.
- * Viridans group streptococci: Please note that only a small proportion of these isolates were tested for susceptibilities. Please take this into consideration when interpreting the reported results.
- † *S. maltophilia*: Susceptibility to moxifloxacin was predicted based on levofloxacin susceptibility testing results.

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January 1, 2018 - December 31, 2018

Skin, Wound and Abscess Isolates – % Susceptible

		≥80% Susceptible ■ 70-79% Susceptible ■ ≤69% Susceptible ■			#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
ALL BACTERIA		456	—	14	24		64	75	60					30	49							65					
ALL GRAM-NEGATIVE BACTERIA		220	100	14	36		60	96	65					3	40	62					81	59	95	93	99		
<i>Pseudomonas aeruginosa</i>		64	29				73	89								78					88		98	98	98		
<i>Escherichia coli</i>		57	26	39	65		72	98	96					12	74	74					63	75	84	84	98		
<i>Enterobacter cloacae</i>		26	12	0	0		0	100	92					0	0	0					96	85	100	96	100		
<i>Klebsiella pneumoniae</i>		24	11	0	92		88	100	100					0	96	96					83	88	100	100	100		
<i>Klebsiella oxytoca</i>		9	4	0	89		89	100	100						100	100					100	100	100	100	100		
<i>Proteus mirabilis</i>		9	4	78	100		100	100	100						100	100					89	100	100	100	100		
<i>Serratia marcescens</i>		7	3	0	0		0	100	100					0	0	0					100	100	100	100	100		
<i>Citrobacter freundii</i>		7	3	0	0		0	100	86					0	0	0					57	57	86	57	100		
<i>Morganella morganii</i>		5	2	0	0		0	100	100					0	0	0					100	100	100	100	100		
ALL GRAM-POSITIVE BACTERIA		236	100	13	13		68	55	55	55	55	57					52	46				70				95	
<i>Staphylococcus aureus</i> , all isolates		142	60				83	83	83	83	83						73	66	95			98				100	100
- methicillin-susceptible		118	50				100	100	100	100	100						76	74	97			98				100	100
- methicillin-resistant (MRSA)		24	10				0	0	0	0	0						58	25	88			100				100	100
Coagulase-negative staphylococci		33	14				33	33	33	33	33						48	36	87			67				100	100
<i>Enterococcus faecium</i> , all isolates		29	12	14	14		14																			66	
- vancomycin-susceptible		19	8	21	21		21																			100	
- vancomycin-resistant (VRE)		10	4	0	0		0																			0	100
- vancomycin-susceptible (vanA+)		0	0																								
<i>Enterococcus faecalis</i> , all isolates		25	11	100	100		100																			100	
- vancomycin-susceptible		25	11	100	100		100																			100	
- vancomycin-resistant (VRE)		0	0																								
Viridans group streptococci*		5	2												100												100

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Organism-Specific Notes:

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