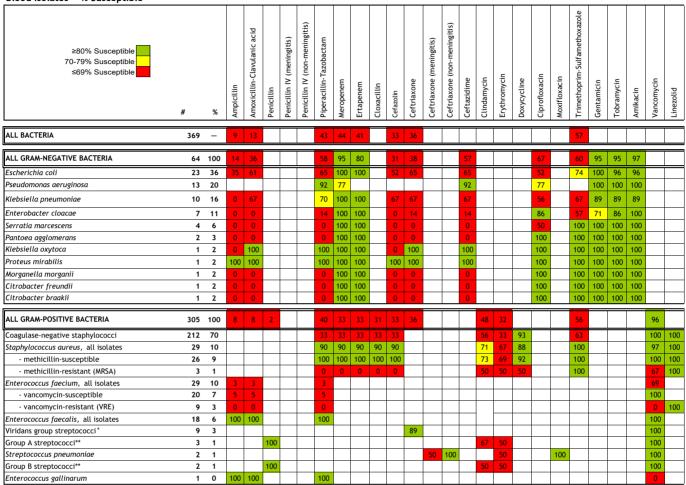
Toronto General Hospital ANTIBIOGRAM Intensive Care Units January 1, 2023 - December 31, 2023

Blood Isolates - % Susceptible



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.
- ${\color{red}\succ} \ {\color{blue}\mathsf{Susceptibility}} \ {\color{blue}\mathsf{to}} \ {\color{blue}\mathsf{doxycycline}} \ {\color{blue}\mathsf{was}} \ {\color{blue}\mathsf{predicted}} \ {\color{blue}\mathsf{based}} \ {\color{blue}\mathsf{on}} \ {\color{blue}\mathsf{tetracycline}} \ {\color{blue}\mathsf{susceptibility}} \ {\color{blue}\mathsf{testing}} \ {\color{blue}\mathsf{results}}.$
- ➤ ICUs include MSICU, CCU, CVICU.

Year-Specific Notes:

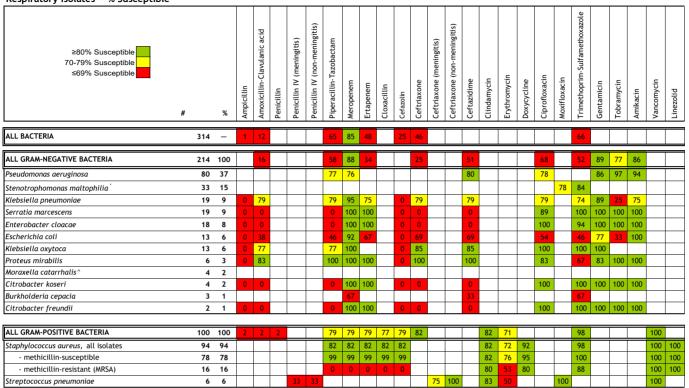
> Only a limited number of coagulase negative staphylococci isolates were tested for susceptibilities. The vast majority of coagulase-negative staphylococci are susceptible to vancomycin. If you have any questions, please contact the UHN/MSH Department of Microbiology.

Organism-Specific Notes:

- ** Beta-hemolytic streptococci: Susceptibilty 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.

Toronto General Hospital ANTIBIOGRAM Intensive Care Units January 1, 2022 - December 31, 2022

Respiratory Isolates - % Susceptible



General Notes:

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- > 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.
- \succ Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.
- \succ ICUs include MSICU, CCU, CVICU.

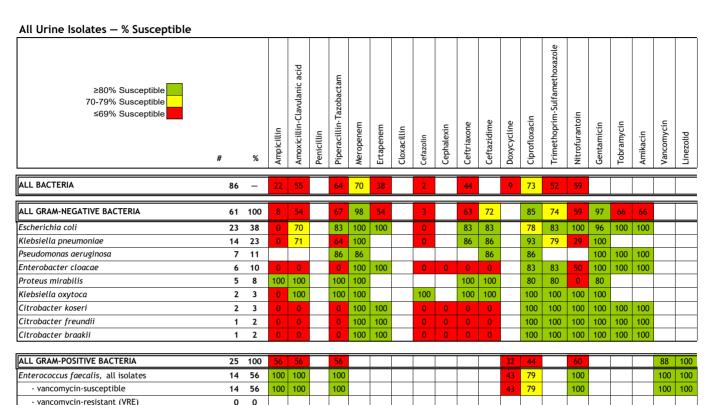
Organism-Specific Notes:

- ^ M. catarrhalis: Susceptibility testing is not routinely performed. Most isolates are resistant to ampicillin and amoxicillin but are generally susceptible to other antibiotics commonly used for respiratory infections.
- ' S. maltophilia: Susceptibility to moxifloxacin was predicted based on levofloxacin susceptibility testing results.

Prepared by University Health Network/Mount Sinai Hospital Department of Microbiology

December 24, 2024

Toronto General Hospital ANTIBIOGRAM Intensive Care Units January 1, 2023 - December 31, 2023



vancomycin-resistant (VRE) 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.
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- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

44

11

8 32

3 12

> ICUs include MSICU, CCU, CVICU.

Enterococcus faecium, all isolates

vancomycin-susceptible

Prepared by University Health Network/Mount Sinai Hospital Department of Microbiology

December 24, 2024

73

100

100

Toronto General Hospital ANTIBIOGRAM Intensive Care Units January 1, 2023 - December 31, 2023



≥80% Susceptible 70-79% Susceptible ≤69% Susceptible				Amoxicillin-Clavulanic acid		Penicillin IV (meningitis)	Penicillin IV (non-meningitis)	Piperacillin-Tazobactam						Ceftriaxone (meningitis)	(non-meningitis)	4)		in		in	_	Trimethoprim-Sulfamethoxazole					
	#	%	Ampicillin	Amoxicillin	Penicillin	Penicillin IV	Penicillin IV	Piperacillin	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftriaxone	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethopri	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
ALL BACTERIA	3363	_	18	38				66	71	60		31	50									57					
ALL GRAM-NEGATIVE BACTERIA	1864	100	10	45				68	97	76		24	54			69				71		62	92	86	97		
Escherichia coli	696	37	25	65				74	100	99		36	78			78				57		67	89	77	97		
Pseudomonas aeruginosa	343	18						86	87							88				86			91	97	94		
Klebsiella pneumoniae	316	17	0	79				81	99	96		55	84			84				75		77	94	85	96		
Enterobacter cloacae	137	7	0	0				2	100	97		0	1			1				92		87	97	97	100		
Proteus mirabilis	86	5	10	86				94	100	96		7	95			95				80		79	89	89	100		
Klebsiella oxytoca	81	4	0	83				85	100	100		31	87			87				92		91	96	91	97		
Stenotrophomonas maltophilia '	56	3																			81	89					
Serratia marcescens	55	3	0	0				0	100	100		0	0			0				93		100	100	100	98		
Citrobacter koseri	28	2	0	0				0	100	100		0	0			0				100		96	100	100	100		
Citrobacter freundii	24	1	0	0				0	100	100		0	0			0				88		78	96	91	96		
Morganella morganii	20	1	0	0				0	100	100		0	0			0				75		75	95	85	95		
Moraxella catarrhalis^	12	1																									
Citrobacter braakii	10	1	0	0				0	100	100		0	0			0				80		90	100	90	100		
[I												
ALL GRAM-POSITIVE BACTERIA	1499	100	28	28	4			63	39	39	35	39	45				43	34				50				95	
Staphylococcus aureus, all isolates	482	32						87	87	87	87	86					78	69	94			99				100	100
- methicillin-susceptible	424	28						99	99	99	99	98					80	73	96			100				100	100
- methicillin-resistant (MRSA)	58	4						2	2	2	2	2					64	41	77			91				98	100
Enterococcus faecalis, all isolates	347	23	99	99				99																		100	
- vancomycin-susceptible	347	23	99	99				99																		100	
- vancomycin-resistant (VRE)	0	0																									
Coagulase-negative staphylococci	283	19						37	37	37	37	37					59	35	90			70				100	100
Enterococcus faecium, all isolates	232	15	9	9				9																		69	
- vancomycin-susceptible	162	11	13	13				13																		99	
- vancomycin-resistant (VRE)	70	5	0	0				0																		0	99
Viridans group streptococci°	76	5			0								97													100	
Streptococcus pneumoniae	32	2				45	45							88	100		91	77			100					100	
Group A streptococci**	24	2			100												83	77								100	
Group B streptococci**	12	1			100												82	73								100	
Group C streptococci**	11	1			100												27	27								100	

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- ➤ ICUs include MSICU, CCU, CVICU.

Year-Specific Notes:

 \succ All specimens exclude surveillance samples.

Organism-Specific Notes:

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- ** Beta-hemolytic streptococci: Susceptibilty testing to penicillin is not routinely performed since resistant strains have not been recognized. All isolates are considered susceptible to penicillin.
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- $\hbox{` S. maltophilia: Susceptibility to moxifloxacin was predicted based on levofloxacin susceptibility testing results.}\\$