Blood 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	474	-	15	29		53	59	56		41	51							79					
ALL GRAM-NEGATIVE BACTERIA	163	100	20	60		70	99	89		46	67	72				78		85	93	94	100		
Escherichia coli	90	55	29	72		80	100	100		60	83	83				69		92	93	92	100		
Klebsiella pneumoniae	24	15	0	88		83	100	100		83	88	88				88		96	92	96	100		
Pseudomonas aeruginosa	12	7				67	92					75				83			83	92	100		
Enterobacter cloacae	11	7	0	0		0	91	91		0	0	0				100		100	100	100	100		
Klebsiella oxytoca	7	4	0	86		86	100	100		14	86	86				100		100	100	100	100		
Enterobacter aerogenes	7	4	0	0		0	100	100		0	0	0				100		100	100	100	100		
ALL GRAM-POSITIVE BACTERIA	311	100	13	13	6	45	38	38	32	38	42		51	28				75				67	
Coagulase-negative staphylococci	183	59				22	22	22	22	22			52	17	83			83				83	100
Staphyloccocus aureus, all isolates	68	22				86	86	86	86	86			73	65	97			84				84	100
- methicillin-susceptible	60	19				98	98	98	98	98			73	70	100			87				87	100
- methicillin-resistant (MRSA)	8	3				0	0	0	0	0			75	25	75			62				62	100
Enterococcus faecalis, all isolates	19	6	100	100		100																	
- vancomycin-susceptible	19	6	100	100		100																	
- vancomycin-resistant (VRE)	0	0																					
Group B streptococci**	16	5			100								25	38									
Viridans group streptococci°	14	5									93											100	
Enterococcus faecium, all isolates	7	2	14	14		14																0	
- vancomycin-susceptible	7	2	14	14		14																	
- vancomycin-resistant (VRE)	0	0																					
 vancomycin-susceptible (vanA+) 	0	0																					

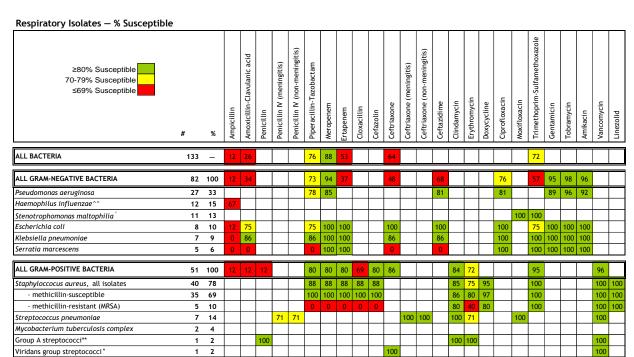
General Notes:

- > 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 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.



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- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Year-Specific Notes:

> Susceptibility for cefazolin are not available for Gram-negative isolates from non-sterile site specimens for the current year.

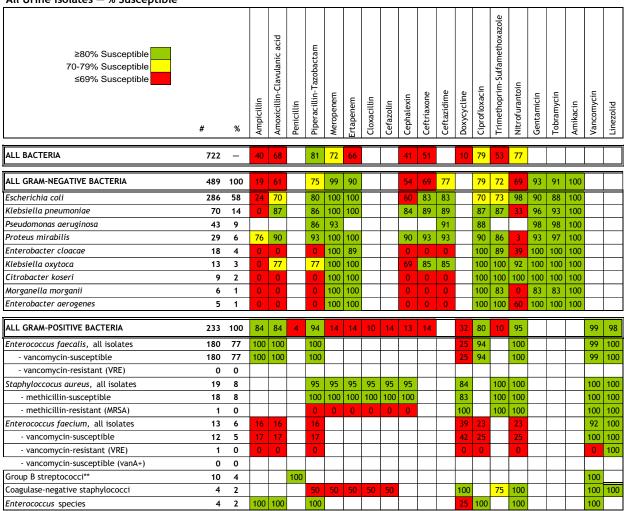
Organism-Specific Notes:

- ^^ H. influenzae and H. parainfluenzae: Susceptibility to ampicillin was determined using beta-lactamase testing. Beta-lactamase-positive isolates are resistant to ampicillin but are generally susceptible to amoxicillin-clavulanic acid and cefuroxime.
- ** 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.
- ' S. maltophilia: Susceptibility to moxifloxacin was predicted based on levofloxacin susceptibility testing results.

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

Saturday, November 03, 2018

All Urine Isolates — % Susceptible



General Notes:

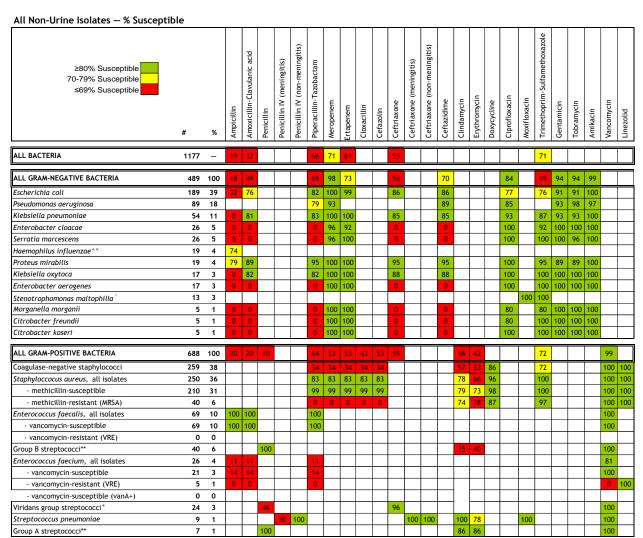
- > Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results.
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- \succ Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Year-Specific Notes:

Susceptibility for cefazolin are not available for Gram-negative isolates from non-sterile site specimens for the current year.

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.



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Year-Specific Notes:

> Susceptibility for cefazolin are not available for Gram-negative isolates from non-sterile site specimens for the current year.

Organism-Specific Notes:

- ^^ H. influenzae and H. parainfluenzae: Susceptibility to ampicillin was determined using beta-lactamase testing. Beta-lactamase-positive isolates are resistant to ampicillin but are generally susceptible to amoxicillin-clavulanic acid and cefuroxime.
- ** 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.
- $\hbox{` 5. } \textit{maltophilia}: \ \ \text{Susceptibility to moxiflox} a \textit{cin} \ \ \text{was} \ \textit{predicted} \ \ \textit{based} \ \ \textit{on} \ \ \textit{levoflox} \textit{acin} \ \ \textit{susceptibility} \ \ \textit{testing} \ \ \textit{results}.$