## Mount Sinai Hospital ANTIBIOGRAM Wards other than ICUs/Emergency January 1, 2022 - December 31, 2022

All Specimen Isolates — % Susce	ptible																											
≥80% Susceptible 70-79% Susceptible ≤69% Susceptible	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin			Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftriaxone (meningitis)	Ceftriaxone (non-meningitis)	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim- Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid	Daptomycin
ALL BACTERIA	1379	_	25	40				###	68	61		###	52									62						
<u> </u>																										<u> </u>		
ALL GRAM-NEGATIVE BACTERIA	604	100	17	54				###	98	82		###	60			72				79		69	93	85	98			
Escherichia coli	294	49	28	73				###	100	99		###	82			82				66		70	89	73	96			T
Pseudomonas aeruginosa	82	14						91	92							94				96			95	100	97			$\vdash$
Klebsiella pneumoniae	58	10	0	88				###	98	95		###	89			89				84		89	96	88	100			
Enterobacter cloacae	45	7	0	0				###	100	100		0	2			2				93		98	98	98	100			
Proteus mirabilis	38	6	40	95				###	100	100		###	100			100				92		89	100	100	100			
Klebsiella oxytoca	16	3	0	93				###	100	100		###	93			93				94		88	100	100	100			
Klebsiella aerogenes	15	2	0	0				###	87	87		0	0			0				93		100	100	100	100			
Serratia marcescens	13	2	0	0				###	100	92		0	0			0				100		100	100	85	100			
Citrobacter koseri	10	2	0	0				###	100	100		0	0			0				100		100	100	100	100			
Morganella morganii	8	1	0	0				###	100	100		0	0			0				88		88	100	100	100			
Haemophilus influenzae^^	7	1	71																									
Citrobacter freundii	5	1	0	0				###	100	100		0	0			0				100		80	80	100	100			
Providencia rettgeri	5	1	0	0				###	100	100		0	0			0				100		100	100	100	100			
																						_						
ALL GRAM-POSITIVE BACTERIA	775	100	30	30	9			67	45	45	36	45	46				51	40				57				94		
Coagulase-negative staphylococci	279	36						45	45	45	45	45					74	49	85			75				100	100	
Staphylococcus aureus, all isolates	201	26						84	84	84	84	84					79	71	94			98				100	100	
- methicillin-susceptible	171	22						99	99	99	99	99					79	75	97			99				100	100	
- methicillin-resistant (MRSA)	30	4						0	0	0	0	0					77	50	77			93				100	100	
Enterococcus faecalis	173	22	99	99				99																		100		
Streptococcus anginosus group°°	53	7			98								100													100		
Enterococcus faecium, all isolates	33	4	9	9				9																		85		
- vancomycin-susceptible	28	4	11	11				11																		100		
- vancomycin-resistant (VRE)	5	1	0	0				0																		0	100	100
Staphylococcus lugdunensis	30	4						67	67	67	67	67					83	77	97			100				100	100	
Group B streptococci**	19	2			100												61	56								100		
Viridans group streptococci°	14	2			43								85													100		
Streptococcus pneumoniae	5	1				100	100							67	100		0	40			100	_	1 -		1	100		1

### General Notes:

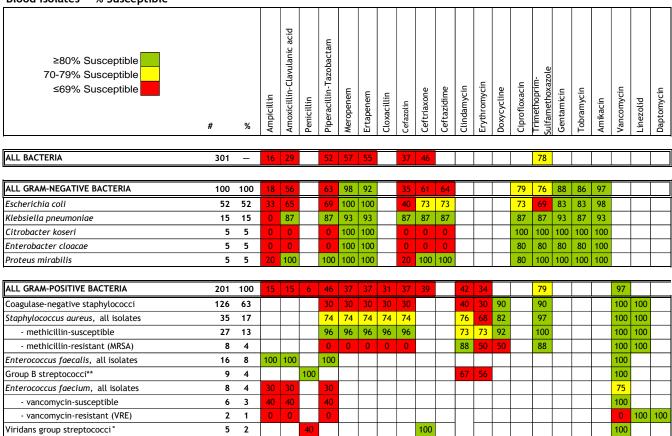
- > Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results
- > Some organisms for which there were only very small numbers have been excluded from 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.

#### 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.
- \*\* 5. anginosus group: 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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#### 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.

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## Mount Sinai Hospital ANTIBIOGRAM Wards other than ICUs/Emergency January 1, 2022 - December 31, 2022

Respiratory Isolates — % Suscepti	ble																										
≥80% Susceptible 70-79% Susceptible ≤69% Susceptible	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Penicillin IV (meningitis)	Penicillin IV (non-meningitis)	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftriaxone (meningitis)	Ceftriaxone (non-meningitis)	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim- Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
										,				,													
ALL BACTERIA	72	-	16	28				76	90	54		38	58									61					
ALL GRAM-NEGATIVE BACTERIA	44	100	19	39				70	93	34			41			75				89		39	89	87	89		
Pseudomonas aeruginosa	18	41						72	83							83				100			89	100	94		
Escherichia coli	9	20	25	78				78	100	100			78			78				56		67	89	83	100		
Haemophilus influenzae^^	7	16	71																								
Enterobacter cloacae	4	9	0	0				0	100	100			0			0				100		100	100	100	100		
Klebsiella pneumoniae	2	5	0	100				100	100				100			100				100		100	100				
<u> </u>										•				•													
ALL GRAM-POSITIVE BACTERIA	28	100	11	11	11			86	86	86	75	86	86				68	64				92				93	
Staphylococcus aureus, all isolates	21	75						95	95	95	95	95					86	81	100			100				100	100
- methicillin-susceptible	20	71						100	100	100	100	100					90	85	100			100				100	100
- methicillin-resistant (MRSA)	1	4						0	0	0	0	0					0	0	100			100				100	100
Streptococcus pneumoniae	3	11				100	100							100	100		0	33			100					100	
Coagulase-negative staphylococci	2	7						50	50	50	50	50					50	0	100			100				100	100
Mycobacterium tuberculosis complex	2	7																			İ						

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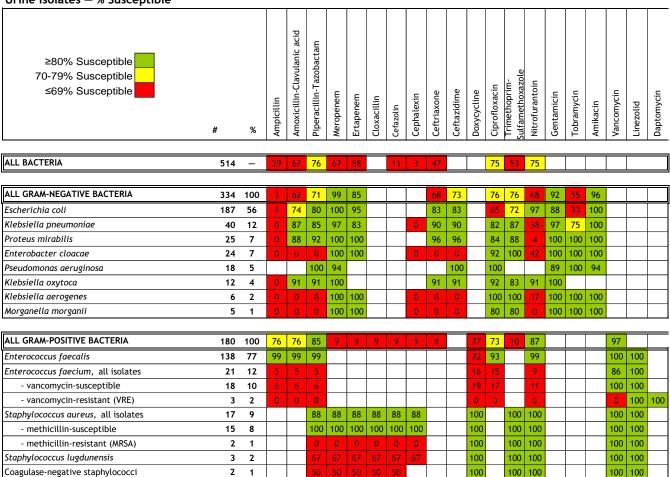
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Prepared by University Health Network/Mount Sinai Hospital Department of Microbiology

July 07, 2023

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