All Specimen Isolates - % Susceptible

All Specimen isolates — % Suscept	ible												1													
≥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	330	_	8	19	_	41	55	42		14	23		1	1						37					_	
ALL BACTERIA	330		٥	19		41	33	42		14	23									37						<u> </u>
ALL GRAM-NEGATIVE BACTERIA	162	100	2	23		52	96	68		10	28			53				64		40	80	81	90			
Pseudomonas aeruginosa	47	29				85	86						 	89				62			69	95	77		T	
Escherichia coli	41	25	0	39		46	100	100		7	51			51				46		29	78	62	90			
Klebsiella pneumoniae	27	17	0	54		63	100	_		31	62			62				56		46	72	54	100		П	
Stenotrophomonas maltophilia '	26	16																	68	88						
Enterobacter cloacae	17	10	0	0		0	100	88		0	0			0				94		82	100	100	94			
Serratia marcescens	5	3	0	0		0	100	100		0	0			0				80		100	100	100	100			
Haemophilus influenzae^^	18	11	61																							
Klebsiella oxytoca	7	4	0	57		57	100	100		25	57			57				86		71	100	100	100			
Klebsiella aerogenes	26	16	0	0		0	100	100		0	0			0				96		96	100	100	100			
Proteus mirabilis	54	33	32	94		98	100	100		24	98			98				81		83	92	88	94			
Citrobacter koseri	19	12	0	0		0	100	100		0	0			0				100		100	100	100	100			
Acinetobacter species	5	3				80	100	0			60			100				80		80	100	100	100			
Citrobacter freundii complex	5	3	0	0		0	100	100		0	0			0				75		100	100	100	100			
								_																		_
ALL GRAM-POSITIVE BACTERIA	168	100	14	14	2	30	18	18	16	18	18				30	21				34				89	ш	
Coagulase-negative staphylococci	72	43				14	14	14	14	14					48	33	95			48				100		
Staphylococcus aureus, all isolates	23	14		<u> </u>		74	74	74	74	74					64	50	87			96				100		
- methicillin-susceptible	17	10		<u> </u>		100	100		100				<u> </u>		69	62	94			100				100		
- methicillin-resistant (MRSA)	6	4				0	0	0	0	0					50	17	67			83				100	100	
Enterococcus faecalis	18	11	94	94		94		<u> </u>		-			-											100		-
Enterococcus faecium, all isolates	50	30	6	6		6		-																68		
- vancomycin-susceptible	34	20	9	9		9	_					_	_											100	100	100
- vancomycin-resistant (VRE)	16	10	0	0	100	0		-	-	-	100	<u> </u>			-								-	0	100	100
Streptococcus anginosus group°°	2	1		_	100						100		_											100	$\sqsubseteq \downarrow$	
Viridans group streptococci°	2	1			50			<u> </u>			100													100		<u></u>

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

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.
- 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.
- * S. 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.

Blood Isolates - % Susceptible

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	Trimethoprim- Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid	Daptomycin
ALL BACTERIA	371	_	10	14		52	53	51		42	11	46						67	1				$\overline{}$	
ALE DACTENIA	3/1		10	14		JZ	33	JI		74	- 11	40						07	<u> </u>					
ALL GRAM-NEGATIVE BACTERIA	61	100	6	31		48	90	75		21		37	53				77	63	88	90	93		_	
Klebsiella pneumoniae	13	21	0	85		85	92	92		54	0	85	85				85	69	92	92	100		\equiv	_
Escherichia coli	12	20	33	42		58	100	100		42	_	67	67				42	50	83	83	92		\vdash	
Pseudomonas aeruginosa	9	15				89	78						89				89		89	100	89			
Enterobacter cloacae	8	13	0	0		0	100	100		0	0	0	0				86	71	86	86	100			
Klebsiella oxytoca	5	8	0	60		60	100	100		20		60	60				100	100	100	100	100			
Serratia marcescens	5	8	0	0		0	100	80		0	0	0	0				100	100	100	100	100			
ALL GRAM-POSITIVE BACTERIA	310	100	11	11	4	53	46	46	42	46	13	47		61	29			67				97		
Coagulase-negative staphylococci	206	66				50	50	50	50	50				71	29	100		79				100	100	
Staphylococcus aureus, all isolates	38	12				76	76	76	76	76	76			92	65	97		97				100	100	
- methicillin-susceptible	29	9				100	100	100	100	100	100			89	75	96		100				100	100	
- methicillin-resistant (MRSA)	9	3				0	0	0	0	0	0			100	33	100		89				100	100	
Enterococcus faecium, all isolates	31	10	6	6		6																81		
- vancomycin-susceptible	25	8	8	8		8																100		
- vancomycin-resistant (VRE)	6	2	0	0		0																0	100	100
Enterococcus faecalis	18	6	100	100		100																100		
Viridans group streptococci°	6	2			50							100										100		

General Notes:

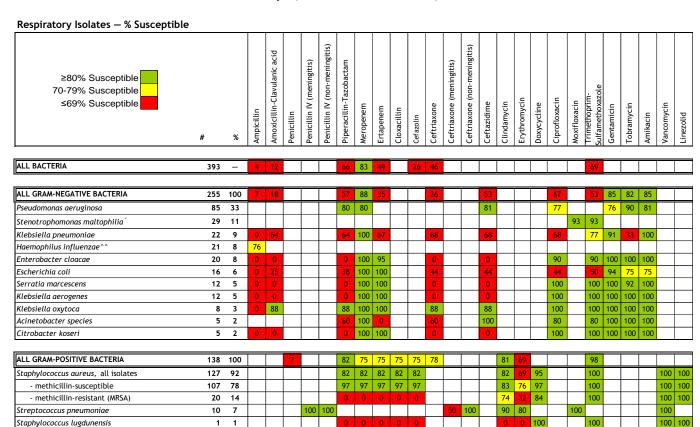
- > Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results.
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- > Reported susceptibilities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

* 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.



General Notes:

Enterococcus faecium

- > 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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- > 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.

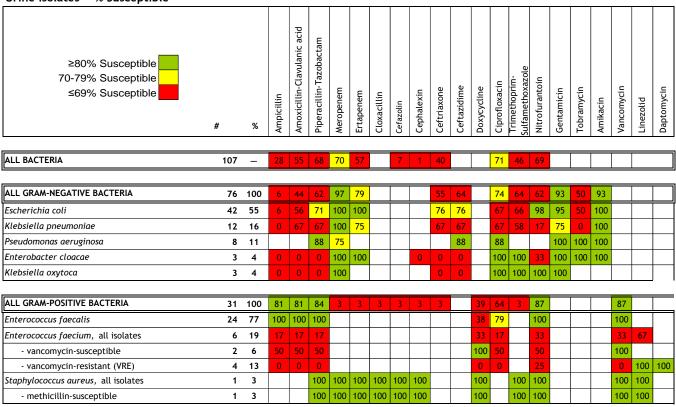
Organism-Specific Notes:

- ^^ 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.
- 'S. maltophilia: Susceptibility to moxifloxacin was predicted based on levofloxacin susceptibility testing results.

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

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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.
- > 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.
- \succ ICUs include MSICU, CCU, CVICU.

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

July 07, 2023