All Specimens - % Susceptible

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≥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	922	_	19	37				62	69	64		41	58									62					
ALL GRAM-NEGATIVE BACTERIA	442	100	15	54				68	98	87		39	62			68				66		64	92	91	98	\equiv	=
																											_
Escherichia coli	190 99	43 22	34	65 76				72 77	99	99		67	76 80			76 80				55 70		61 74	90 93	87 90	98 98		
Klebsiella pneumoniae Pseudomonas aeruginosa	41	9	U	76				90	100 85	99		67	00			90				83		/4	93	98	95		
Enterobacter cloacae	29	7	0	0				3	100	97		0	3			3				93		79	90	93	100		
Klebsiella oxytoca	20	5	0	100				100	100	100		37	100			100				90		89	100	100	100		
Proteus mirabilis	19	4	11	94				100	100	100		11	100			100				74		68	89	95	100		
	14	3	- ' '	74				100	100	100			100			100				74	86	93	07	73	100		
Stenotrophomonas maltophilia Serratia marcescens	14	3	0	0				0	100	100		0	0			0				79	00	100	100	100	93		
Pantoea agglomerans	7	2	0	0				0	100	100		0	0			0				100		100	100	100	100		
Citrobacter freundii	5	1	0	0				0	100	100		0	0			0				100		100	100	100	100		
Morganella morganii	4	1	0	0				0	100	100		0	0			0				100		75	100	100	75		
morganetta morgani		•	U	U		1		U	100	100		U	U			U				100		/3	100	100	/3		
ALL GRAM-POSITIVE BACTERIA	480	100	22	22	9			56	42	42	34	42	55				46	39				58				96	
Staphylococcus aureus, all isolates	135	28						89	89	89	89	89					76	70	93			100				99	100
- methicillin-susceptible	122	25						99	99	99	99	98					79	75	95			100				100	100
- methicillin-resistant (MRSA)	13	3						0	0	0	0	0					50	25	75			100				92	100
Coagulase-negative staphylococci	108	23						39	39	39	39	39					61	32	88			76				100	99
Enterococcus faecium, all isolates	71	15	10	10				10																		72	
- vancomycin-susceptible	51	11	14	14				14																		100	
- vancomycin-resistant (VRE)	20	4	0	0				0																		0	100
Enterococcus faecalis, all isolates	59	12	100	100				100																		100	
Viridans group streptococci°	50	10											96													100	
Group A streptococci**	19	4			100												89	80								100	
Streptococcus pneumoniae	16	3												88	100			80			100					100	
Group C streptococci**	9	2			100												22	22	_							100	

Group G streptococci** General Notes:

Group B streptococci**

- > 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" isted 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.
- \succ Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Year-Specific Notes:

 ${m \succ}$ All specimens exclude surveillance samples.

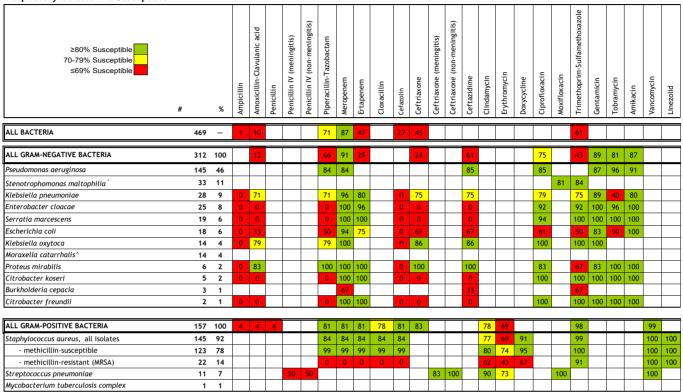
Organism-Specific Notes:

- ** 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.
- $\hbox{`S. maltophilia: Susceptibility to moxifloxacin was predicted based on levofloxacin susceptibility testing results.}\\$

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5

Respiratory Isolates - % Susceptible



General Notes:

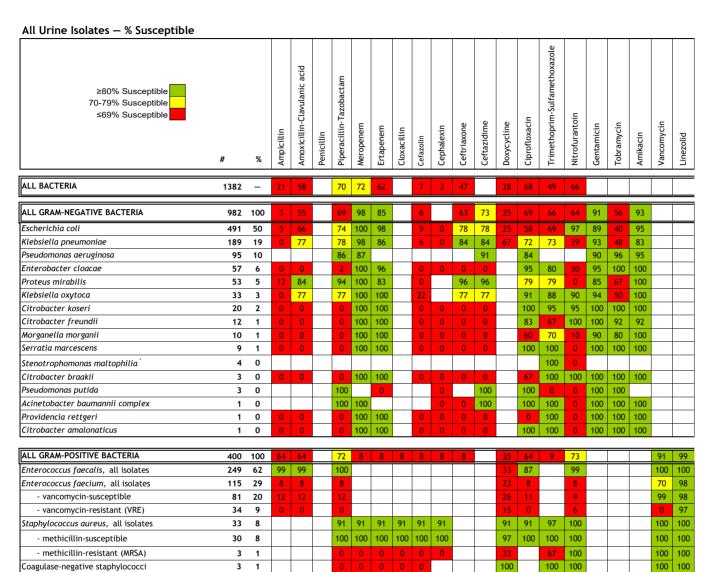
- > Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results.
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- > Reported susceptibilities 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:

- ^ 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

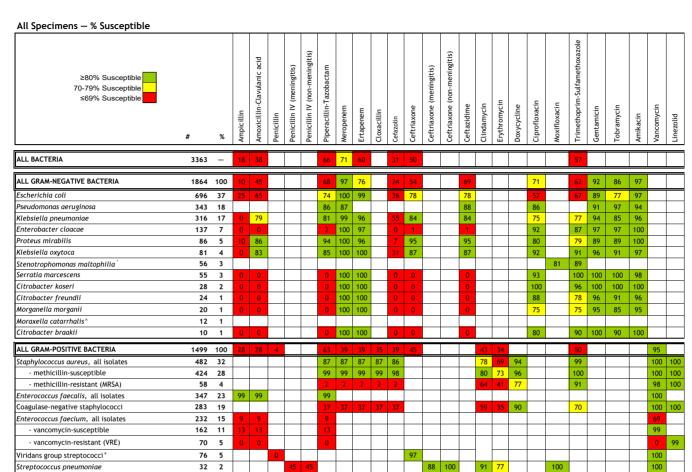


General Notes:

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- 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
- > Reported susceptibilities for "ALL BACTERIA", "ALL GRAM-NEGATIVE BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" reflect estimates only based on the weighted average of
- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Organism-Specific Notes:

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



Group C streptococci** General Notes:

Group A streptococci**

Group B streptococci*

- > 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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83 77

82 73

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Year-Specific Notes:

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Organism-Specific Notes:

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- * 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.

2

1

100

12

11 1

100

100

100

All Non-Urine Isolates — % Susceptible

≥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	2933	_	10	20				57	62	53		38	48									64					
ALL GRAM-NEGATIVE BACTERIA	1042	100	10	37				67	96	67		26	46			66				72		57	93	92	97		
Escherichia coli	289	28	34	62				70	99	99		48	76			76				54		63	90	86	98		
Pseudomonas aeruginosa	269	26						86	86							87				87			91	97	94		
Klebsiella pneumoniae	165	16	0	79				80	99	98		66	83			83				76		79	93	90	99		
Enterobacter cloacae	86	8	0	0				1	100	95		0	1			1				92		89	98	95	100		
Stenotrophomonas maltophilia '	52	5																			82	88					
Klebsiella oxytoca	48	5	0	87				91	100	100		32	94			94				96		93	98	97	97		
Serratia marcescens	46	4	0	0				0	100	100		0	0			0				91		100	100	100	98		
Proteus mirabilis	42	4	7	87				93	100	100		8	95			95				78		78	93	96	96		
Citrobacter freundii	13	1	0	0				0	100	100		0	0			0				92		85	92	85	92		
Moraxella catarrhalis^	12	1																									
Morganella morganii	11	1	0	0				0	100	100		0	0			0				91		82	100	91	91		
Citrobacter koseri	9	1	0	0				0	100	100		0	0			0				100		100	100	100	100		
ALL GRAM-POSITIVE BACTERIA	1891	100	10	10	3			52	45	45	42	45	49				56	40				67				98	
Coagulase-negative staphylococci	1019	54						38	38	38	38	38					59	35	90			70				100	100
Staphylococcus aureus, all isolates	463	24						87	87	87	87	86					78	69	94			99				100	100
- methicillin-susceptible	407	22						99	99	99	99	98					80	73	96			100				100	100
- methicillin-resistant (MRSA)	56	3						2	2	2	2	2					67	43	80			93				98	100
Enterococcus faecium, all isolates	135	7	8	8				10																		69	
- vancomycin-susceptible	93	5	12	12				13																		100	
- vancomycin-resistant (VRE)	42	2	0	0				2																		0	100
Enterococcus faecalis, all isolates	120	6	97	97				98																		100	
Viridans group streptococci°	76	4			0								97													100	
Streptococcus pneumoniae	32	2				45	45							88	100		91	77			100					100	
Group A streptococci**	24	1			100												83	77								100	
Group B streptococci**	12	1			100												82	73								100	
Group C streptococci**	10	1	1	—	100				—			!		—	!	-	20	20							+	100	_

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