All Specimens — % Susceptible																												
																						e						
≥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	Cephalexin	Ceftriaxone	Ceftriaxone (meningitis)	Ceftriaxone (non-meningitis)	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Nitrofurantoin	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
ALL BACTERIA 2196	-	24	49				72	78	71		33	17	57						42	66		57	72					
ALL GRAM-NEGATIVE BACTERIA 1341	100	12	54				68	99	86		24		62			71			32	66		62	62	90	81	97		
Escherichia coli 705	53	19	66				73	100	100		29		78			78			57	55		63	98	90	73	97		
Klebsiella pneumoniae 199	15	0	75				72	99	99		46		77			77			0	69		71	20	88	76	96		
Pseudomonas aeruginosa 152	11						88	92								91				78				90	96	93		
Proteus mirabilis 68	5	25	94				97	100	100		32		97			97			0	81		81	3	91	100	100		
Enterobacter cloacae 46	3	0	0				0	100	100		0	0	0			0				93		83	33	100	100	100		
Klebsiella oxytoca 36	3	0	86				86	100	100		17		89			89				89		86	91	94	80	100		
Morganella morganii 27	2	0	0				0	96	96		0	0	0			0				63		70	0	81	96	100		
Klebsiella aerogenes 18	1	0	0				0	94	94		0	0	0			0				94		94	17	100	100	100		
Citrobacter freundii 17	1	0	0				0	100	100		0	0	0			0				88		76	94	94	88	100		
Serratia marcescens 17	1	0	0				6	100	100		0	0	0			0			100	88		100	0	100	100	100		
Haemophilus influenzae^^ 14	1	86																										
Citrobacter koseri 12	1	0	0				0	100	100		0	0	0			0				100		100	50	100	100	100		
Citrobacter braakii 11	1	0	0				0	100	100		0	0	0			0			0	91		100	91	100	100	100		
Stenotrophomonas maltophilia ' 7	1																				71	100	0					
Acinetobacter baumannii complex 5	0						100	100	0			0	100			100				100		100	0	0	100	100		
Providencia rettgeri 5	0	0	0				0	80	80		0	0	0			0				60		100	60	100	100	100		
ALL GRAM-POSITIVE BACTERIA 855	100	41	41	12			78	48	48	36	48	42	50				46	39	59	66		50	88				95	
Coagulase-negative staphylococci 721	84						53	53	53	53	53						67	44	90	100		72	100				100	100
Staphylococcus aureus, all isolates 324	38						83	83	83	83	83	83					83	73	95	58		98	99				100	100
- methicillin-susceptible 270	32						100	100	100	100	100	100					84	77	98	50		98	99				100	100
- methicillin-resistant (MRSA) 54	6						0	0	0	0	0	0					76	50	81	100		96	100				100	100
Enterococcus faecalis, all isolates 257	30	99	99				100												20	82			99				100	100
- vancomycin-susceptible 257	30	99	99				100												20	82			99				100	100
Enterococcus faecium, all isolates 56	7	16	16				16												33	18			10				75	100
- vancomycin-susceptible 42	5	21	21				21												41	24			6				100	100
- vancomycin-resistant (VRE) 14	2	0	0				0												8	0			23				0	100
Viridans group streptococci® 43	5			58									98														100	
Staphylococcus lugdunensis 30	4						90	90	90	90	90	90					90	90	93	100		97	100				100	100
Group A streptococci** 26	3			100													73	71									100	
Streptococcus pneumoniae 26	3				100	100								100	100		100	71			100						100	
Streptococcus anginosus group°° 13	2			100									100														100	
Staphylococcus saprophyticus " 9	1																											
				100													86	86									100	
Group B streptococci** 7	1																											

Group G streptococci** General Notes:

seneral 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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- > 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 susceptible to vancomycin. If you have any questions, please contact the
- \succ All specimens exclude surveillance samples.

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
- ** Beta-hemolytic streptococci: Susceptibility testing to penicillin is not routinely performed since resistant strains have not been recognized. All isolates are considered susceptible to penicillin.
- * S. saprophyticus: Susceptibility testing is not routinely performed. Most urinary tract infections due to this organism respond to nitrofurantoin, trimethoprim/sulfamethoxazole or fluoroquinolones.
 * 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.
- ** 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.

Pland Isolatos % Susceptible

Blood 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	hilozouil
			4	- Q	п.			а.	<	ш	U	U	U	U	U	U	U	ш		U	<				- 4		
ALL BACTERIA	1107	-	15	24				63	68	65		54	60									69					Т
<u> </u>					_						•			_													_
ALL GRAM-NEGATIVE BACTERIA	285	100	20	56				69	99	90		44	63			70				65		65	92	92	98		\Box
Escherichia coli	148	52	36	59				69	100	100		50	71			71				49		64	89	90	97		Т
Klebsiella pneumoniae	58	20	0	83				81	100	100		78	84			84				71		79	95	91	98		+
Pseudomonas aeruginosa	24	8						92	95							91				96			91	96	96		T
Proteus mirabilis	15	5	20	87				93	100	100		27	93			93				80		60	87	100	100		
Klebsiella oxytoca	9	3	0	100				100	100	100		22	100			100				89		89	100	100	100		
Enterobacter cloacae	8	3	0	0				0	100	100		0	0			0				100		75	100	100	100		Г
Citrobacter braakii	5	2	0	0				0	100	100		0	0			0				100		100	100	100	100		
ALL GRAM-POSITIVE BACTERIA	822	100	13	13	10			61	57	57	48	57	59				63	43				71					
Coagulase-negative staphylococci	604	73						53	53	53	53	53					67	41	88			72				100	10
Staphylococcus aureus, all isolates	83	10						89	89	89	89	89					78	68	94			99				100	10
- methicillin-susceptible	74	9						100	100	100	100	100					79	72	96			100				100	10
- methicillin-resistant (MRSA)	9	1						0	0	0	0	0					67	33	78			89				100	10
Viridans group streptococci*	40	5			58								98													100	
Enterococcus faecalis	27	3	100	100				100																		100	
Streptococcus pneumoniae	22	3				100	100							100	100			65			100					100	
Group A streptococci**	18	2			100												83	65								100	
Enterococcus faecium	7	1	14	14				14																		100	
Streptococcus anginosus group°°	7	1			100								100													100	L
Staphylococcus lugdunensis	6	1						100	100	100	100	100					100	100	100			83	<u></u>	<u> </u>		100	10
Group B streptococci**	5	1			100												80	80				1				100	4

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.

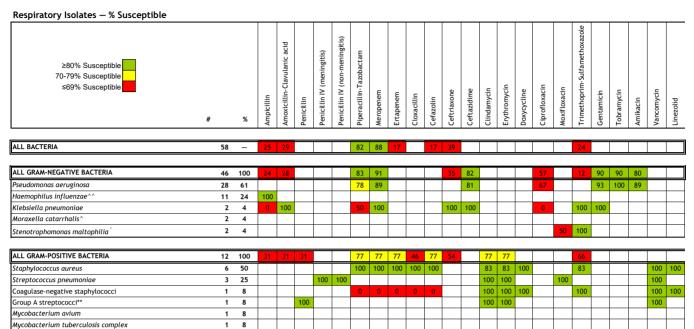
> Only a limited number of coagulase negative staphylococci isolates were tested for susceptibilities. The vast majority of coagulase-negative staphylococci are susceptible to vancomycin. If you have any questions, please contact the UHN/MSH Department of Microbiology.

Organism-Specific Notes:

- ** Beta-hemolytic streptococci: Susceptibility 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. 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.

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

September 16, 2025



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- ightarrow 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
- ^^ 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.
- $\hbox{`} \ \, \mathsf{S.} \ \, \mathsf{maltophilia:} \ \, \mathsf{Susceptibility} \ \, \mathsf{to} \ \, \mathsf{moxiflox} \mathsf{acin} \ \, \mathsf{was} \ \, \mathsf{predicted} \ \, \mathsf{based} \ \, \mathsf{on} \ \, \mathsf{levoflox} \mathsf{acin} \ \, \mathsf{susceptibility} \ \, \mathsf{testing} \ \, \mathsf{results}.$

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

September 16, 2025

Urine Isolates - % Susceptible

Of the isolates – % susceptible																					
≥80% Susceptible 70-79% Susceptible ≤69% Susceptible	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Cephalexin	Ceftriaxone	Ceftazidime	Doxycycline	Ciprofloxacin	Trimethoprim-Sulfamethoxazole	Nitrofurantoin	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
ALL BACTERIA	1343		20	42	72	77	73		9	2	53		31	6.4	51	72					
ALL BACTERIA	1343	_	ZU	62	12	//	73		9	3	23		31	64	31	12					
ALL GRAM-NEGATIVE BACTERIA	1010	400	_	F0.	- (0	00	93		_	_	/=	72	24				00	40	0.5	_	
	1019	100	3	58	68	99	_		8		67	_	31	64	64	69	90	48	95	<u> </u>	_
Escherichia coli	609	60	2	67	75	100	100 97		10		80	80 75	50	55	63	98	90	35	95 92		
Klebsiella pneumoniae	156 61	15 6	0	72	70 85	99 85	9/		0		75	90	U	69 74	66	22	85 87	35 93	92		
Pseudomonas aeruginosa Proteus mirabilis	51	5	40	96	98	100	100		50		98	98	0	86	88	4	94	100	100		
Enterobacter cloacae	32	3	0	0	0	100	100		0	0	0	0	U	91	91	44	100	100	100		<u> </u>
Klebsiella oxytoca	27	3	0	85	85	100	100		0	U	89	89		89	85	96	93	0	100		
Morganella morganii	20	2	0	0	0	95	95		0	0	0	0		60	65	0	75	95	100		
Citrobacter freundii	14	1	0	0	0	100	100		0	0	0	0		93	71	93	93	93	100		
Citrobacter koseri	12	1	0	0	0	100	100		0	0	0	0		100	100	50	100	100	100	 	
Klebsiella aerogenes	12	1	0	0	0	100	100		0	0	0	0		92	92	25	100	100	100		
Serratia marcescens	11	1	0	0	9	100	100		0	0	0	0	100	91	100	0	100	100	100		
Providencia rettgeri	5	0	0	0	0	80	80		0	0	0	0		60	100	60	100	100	100		
ALL GRAM-POSITIVE BACTERIA	324	100	73	73	84	11	11	11	11	11	11		30	63	11	83				93	
Enterococcus faecalis, all isolates	231	71	100	100	100								21	82		99				100	100
- vancomycin-susceptible	230	71	100	100	100								21	82		99				100	100
- vancomycin-resistant (VRE)	1	0	100	100	100								0	0		0				0	100
Enterococcus faecium, all isolates	50	15	18	18	18								32	18		12				72	100
- vancomycin-susceptible	36	11	25	25	25								42	25		8				100	100
- vancomycin-resistant (VRE)	14	4	0	0	0								7	0		21				0	100
Staphylococcus aureus, all isolates	35	11			89	89	89	89	89	89			97	11	100	97				100	100
- methicillin-susceptible	31	10			100	100	100	100	100	100			100	0	100	97				100	100
- methicillin-resistant (MRSA)	4	1			0	0	0	0	0	0			75	100	100	100				100	100
Staphylococcus saprophyticus "	8	2																			
Staphylococcus lugdunensis	7	2			86	86	86	86	86	86			100		100	100				100	100

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Organism-Specific Notes

" S. saprophyticus: Susceptibility testing is not routinely performed. Most urinary tract infections due to this organism respond to nitrofurantoin, trimethoprim/sulfamethoxazole or