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	Linezolid
ALL BACTERIA	628	_	14	26				56	64	59		45	52									66					
																										一	Ē
ALL GRAM-NEGATIVE BACTERIA	220		17	51				65	99	85		44	59			67				77		64	90	89	98		_
Escherichia coli	96	44	35	66				73	100			57	77			77				63		63	85	83	98		
Klebsiella pneumoniae	46	21	0	78				78		100		76	80			80				93		72	93	91	100		
Pseudomonas aeruginosa	23	10						83	87							96				96			96	100	96		
Enterobacter cloacae	22	10	0	0				0	100			0	0			0				82		73	95	95	100		
Klebsiella oxytoca	8	4	0	100				100	100	100		38	100			100				100		100	100	100	100		_
Serratia marcescens	8	4	0	0				0	100	100		0	0			0				100		88	100	88	100		
Proteus mirabilis	6	3	67	100				100	100	100		67	100			100				100		100	100	100	100		
Stenotrophomonas maltophilia ʻ	6	3																			83	100	Ш				
ALL GRAM-POSITIVE BACTERIA	408	100	12	12	7			51	45	45	39	45	48				58	39				67				98	Γ
Coagulase-negative staphylococci	252	62						39	39	39	39	39					66	38	90			72				100	100
Staphyloccocus aureus, all isolates	66	16						89	89	89	89	89					70	67	94			100				100	100
- methicillin-susceptible	59	14						100	100	100	100	100					73	71	93			100				100	100
- methicillin-resistant (MRSA)	7	2						0	0	0	0	0					43	29	100			100				100	100
Viridans group streptococci°	31	8			61								100													94	
Enterococcus faecium, all isolates	28	7	4	4				4																		82	
- vancomycin-susceptible	23	6	5	5				5																		100	
- vancomycin-resistant (VRE)	5	1	0	0				0																		0	100
- vancomycin-susceptible (vanA+)	0	0															1										
Enterococcus faecalis, all isolates	21	5	100	100				100									1									100	
- vancomycin-susceptible	21	5	100	100				100																		100	

Streptococcus pneumoniae General Notes:

- vancomycin-resistant (VRE)

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

Year-Specific Notes:

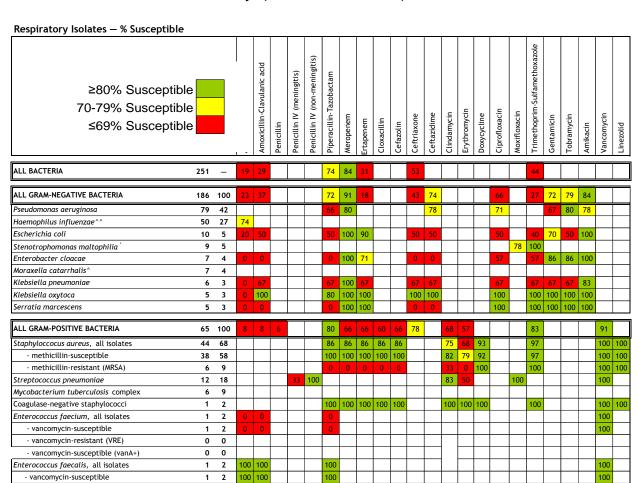
> Only a limited number of coagulase negative staphylococci isolates were tested for susceptibilities. The vast majority of coagulase-negative staphylococci are susceptible to vancomycin. If you have any questions, please contact the UHN/MSH Department of Microbiology.

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.
- $\hbox{` 5. } \textit{maltophilia}: \ \textbf{Susceptibility to moxiflox} a cin was predicted based on levofloxacin susceptibility testing results.$

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General Notes

- vancomycin-resistant (VRE)

- > 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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- > 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.

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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.
- ^^ 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.

Skin, Wound and Abscess 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	468	_	17	29		66	74	60			46							58					
ALL GRAM-NEGATIVE BACTERIA	241	100	10	35		59	97	68			40	60				79		60	95	93	100		
Escherichia coli	63	26	27	65		68	98	98			76	76				57		57	87	84	100		
Pseudomonas aeruginosa	57	24				88	93					91				86			98	100	100		
Enterobacter cloacae	33	14	0	0		0	97	91			0	0				100		91	97	97	100		
Klebsiella pneumoniae	26	11	0	92		92	100	100			92	92				92		84	96	92	100		
Klebsiella oxytoca	12	5	0	92		83	100	100			92	92				100		100	100	100	100		
Stenotrophomonas maltophilia '	10	4															80	100					
Serratia marcescens	10	4	0	0		0	100	100			0	0				100		100	100	100	100		
Enterobacter aerogenes	7	3	0	0		0	100	100			0	0				100		100	100	100	100		
Morganella morganii	6	2	0	0		0	100	100			0	0				67		67	100	83	100		
ALL GRAM-POSITIVE BACTERIA	227	100	24	24	2	73	51	51	49	51	53		43	39				57				97	
Staphyloccocus aureus, all isolates	116	51				90	90	90	90	90			69	63	91			97				100	100
- methicillin-susceptible	104	46				100	100	100	100	100			73	70	91			97				100	100
- methicillin-resistant (MRSA)	12	5				0	0	0	0	0			33	0	92			100				100	100
Enterococcus faecalis, all isolates	40	18	100	100		100																100	
- vancomycin-susceptible	40	18	100	100		100																100	
- vancomycin-resistant (VRE)	0	0																					
Enterococcus faecium, all isolates	34	15	26	26		26																83	
- vancomycin-susceptible	29	13	31	31		31																97	
- vancomycin-resistant (VRE)	5	2	0	0		0																0	100
- vancomycin-susceptible (vanA+)	0	0																					
Coagulase-negative staphylococci	28	12				29	29	29	29	29			48	43	100			39				100	100
Viridans group streptococci°	4	2									100											100	
Group B streptococci**	4	2			100								50	75								100	İ

General Notes:

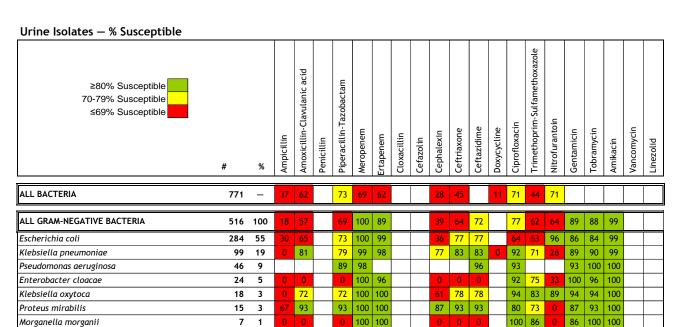
- > Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results.
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- > Susceptibility to doxycycline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



ALL GRAM-POSITIVE BACTERIA	255	100	75	75	81	6	6	6	6	6	6	32	61	7	86		96	
Enterococcus faecalis, all isolates	183	72	99	99	99							25	81		97		99	100
- vancomycin-susceptible	182	71	99	99	99							25	81		98		100	100
- vancomycin-resistant (VRE)	1	0	100	100	100							100	0		0		0	100
Enterococcus faecium, all isolates	44	17	7	7	7							34	5		30		82	100
- vancomycin-susceptible	36	14	8	8	8							39	6		25		100	100
- vancomycin-resistant (VRE)	8	3	0	0	0							12	0		50		0	100
- vancomycin-susceptible (vanA+)	0	0																
Staphyloccocus aureus, all isolates	19	7			84	84	84	84	84	84		95		100	100		100	100
- methicillin-susceptible	16	6			100	100	100	100	100	100		100		100	100		100	100
- methicillin-resistant (MRSA)	3	1			0	0	0	0	0	0		67		100	100		100	100
Enterococcus species	6	2	100	100	100							17	100		83		100	
Coagulase-negative staphylococci	2	1			0	0	0	0	0			100		0	100		100	100

100 100

100 100

100

83 100 100

100 100

General Notes:

Citrobacter freundii

Serratia marcescens

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

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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.