

**Toronto General Hospital ANTIBIOGRAM**  
**All Inpatients**  
**January 1, 2024 - December 31, 2024**

**Blood Isolates – % Susceptible**

<div> <div>≥80% Susceptible</div> <div>70-79% Susceptible</div> <div>≤69% Susceptible</div> </div>		#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Penicillin IV (meningitis)	Penicillin IV (non-meningitis)	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftriaxone (meningitis)	Ceftriaxone (non-meningitis)	Cefazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
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<b>ALL BACTERIA</b>	1844	—	12	19				47	52	49		37	43										59					
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<b>ALL GRAM-NEGATIVE BACTERIA</b>	430	100	14	44				59	97	84		33	51			62				67		60	90	91	98		
<i>Escherichia coli</i>	184	43	29	51				58	99	99		41	63			63				47		57	85	85	98		
<i>Klebsiella pneumoniae</i>	86	20	0	79				77	99	99		71	83			83				72		73	91	88	98		
<i>Pseudomonas aeruginosa</i>	56	13						86	89							91				95			91	98	95		
<i>Enterobacter cloacae</i>	27	6	0	0				0	100	96		0	0			0				100		85	100	100	100		
<i>Proteus mirabilis</i>	17	4	24	88				94	100	100		29	94			94				82		65	88	100	100		
<i>Serratia marcescens</i>	14	3	0	0				0	100	100		0	0			0				79		100	100	100	100		
<i>Klebsiella oxytoca</i>	12	3	0	91				83	100	100		17	91			91				92		92	100	100	100		
<i>Klebsiella aerogenes</i>	9	2	0	0				0	89	89		0	0			0				89		100	100	100	100		
<i>Stenotrophomonas maltophilia</i>	6	1																			100	83					
<i>Citrobacter braakii</i>	5	1	0	0				0	100	100		0	0			0				100		100	100	100	100		
<i>Morganella morganii</i>	5	1	0	0				0	100	100		0	0			0				60		60	100	100	100		

<b>ALL GRAM-POSITIVE BACTERIA</b>	1414	100	11	11	6			44	38	38	32	38	40			49	32					59					98
Coagulase-negative staphylococci	1023	72						34	34	34	34	34				53	31	88				62				100	100
<i>Staphylococcus aureus</i> , all isolates	139	10						79	79	79	79	79				76	64	92				99				100	100
- methicillin-susceptible	110	8						100	100	100	100	100				78	71	96				99				100	100
- methicillin-resistant (MRSA)	29	2						0	0	0	0	0				69	38	79				97				100	100
<i>Enterococcus faecium</i> , all isolates	72	5	1	1				1																		74	
- vancomycin-susceptible	53	4	2	2				2																		100	
- vancomycin-resistant (VRE)	19	1	0	0				0																		0	100
<i>Enterococcus faecalis</i> , all isolates	63	4	100	100				100																		100	
- vancomycin-susceptible	63	4	100	100				100																		100	
Viridans group streptococci*	54	4			65								100													100	
<i>Streptococcus pneumoniae</i>	21	1						100	100							100	100			62		100				100	
Group A streptococci**	16	1			100															81	62					100	
<i>Staphylococcus lugdunensis</i>	9	1						89	89	89	89	89								100	100	100		89		100	100
<i>Streptococcus anginosus</i> group**	8	1			100									100												100	
Group B streptococci**	7	0			100															57	57					100	
<i>Enterococcus gallinarum</i>	5	0	100	100				100																		20	

**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.

**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:**

- \*\* 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. 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.

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**All Inpatients**  
**January 1, 2024 - December 31, 2024**

**Respiratory Isolates – % Susceptible**

	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin IV (meningitis)	Penicillin IV (non-meningitis)	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Cefazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
≥80% Susceptible																								
70-79% Susceptible																								
≤69% Susceptible																								

<b>ALL BACTERIA</b>	<b>569</b>	<b>—</b>	<b>12</b>	<b>20</b>			<b>72</b>	<b>83</b>	<b>36</b>		<b>21</b>	<b>43</b>							<b>53</b>					
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<b>ALL GRAM-NEGATIVE BACTERIA</b>	<b>419</b>	<b>100</b>	<b>14</b>	<b>26</b>			<b>73</b>	<b>89</b>	<b>23</b>		<b>3</b>	<b>34</b>	<b>73</b>				<b>64</b>		<b>39</b>	<b>87</b>	<b>86</b>	<b>89</b>		
<i>Pseudomonas aeruginosa</i>	183	44					82	78					85				72			87	98	93		
<i>Haemophilus influenzae</i> <sup>^^</sup>	63	15	83																					
<i>Stenotrophomonas maltophilia</i> <sup>†</sup>	44	11															82	89						
<i>Klebsiella pneumoniae</i>	25	6	0	76			64	100	100		33	80	80				68		76	76	56	89		
<i>Escherichia coli</i>	22	5	10	64			64	100	100		20	73	73				55		59	82	57	100		
<i>Enterobacter cloacae</i>	20	5	0	0			0	100	95		0	0	0				95		85	100	100	100		
<i>Serratia marcescens</i>	18	4	0	0			0	100	100		0	0	0				83		100	100	94	100		
<i>Moraxella catarrhalis</i> <sup>^</sup>	16	4																						
<i>Klebsiella oxytoca</i>	8	2	0	100			75	100				100	100				100		100	100				
<i>Klebsiella aerogenes</i>	7	2	0	0			0	100	100		0	0	0				100		100	100	100	100		

<b>ALL GRAM-POSITIVE BACTERIA</b>	<b>150</b>	<b>100</b>	<b>6</b>	<b>6</b>			<b>70</b>	<b>70</b>	<b>70</b>	<b>64</b>	<b>70</b>	<b>64</b>		<b>69</b>	<b>63</b>				<b>85</b>				<b>90</b>	
<i>Staphylococcus aureus</i> , all isolates	133	89					76	76	76	76	76			75	68	96			96				100	100
- methicillin-susceptible	101	67					100	100	100	100	100			77	75	99			97				100	100
- methicillin-resistant (MRSA)	32	21					0	0	0	0	0	0		68	45	87			91				100	100
<i>Streptococcus pneumoniae</i>	10	7			100	100								100	100			100					100	
<i>Mycobacterium tuberculosis complex</i>	7	5																						
<i>Mycobacterium avium</i>	5	3																						
<i>Mycobacterium abscessus</i>	2	1																						
<i>Staphylococcus lugdunensis</i>	2	1					100	100	100	100	100			100	100	100			100				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
- 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:**

- <sup>^</sup> *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
- <sup>^^</sup> *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.
- <sup>†</sup> *S. maltophilia*: Susceptibility to moxifloxacin was predicted based on levofloxacin susceptibility testing results.

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**Urine Isolates – % Susceptible**

		Ampicillin	Amoxicillin-Clavulanic acid	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Cephalexin	Ceftriaxone	Ceftazidime	Doxycycline	Ciprofloxacin	Trimethoprim-Sulfamethoxazole	Nitrofurantoin	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
≥80% Susceptible <span style="color: green;">■</span> 70-79% Susceptible <span style="color: yellow;">■</span> ≤69% Susceptible <span style="color: red;">■</span>																				
#	%																			

<b>ALL BACTERIA</b>	1399	—	21	53	64	72	65		8	2	42		16	60	43	64				
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<b>ALL GRAM-NEGATIVE BACTERIA</b>	993	100	4	48	62	98	88		8		56	65	10	63	57	61	86	51	96		63
<i>Escherichia coli</i>	495	50	3	57	66	100	100		10		70	70	20	48	55	97	84	32	97		
<i>Klebsiella pneumoniae</i>	175	18	0	67	66	99	94		2		72	72	0	66	64	22	84	33	93		
<i>Pseudomonas aeruginosa</i>	100	10			84	84					89		79				85	94	92		
<i>Proteus mirabilis</i>	58	6	33	95	98	100	100		40		98	98	0	81	68	3	95	100	100		
<i>Enterobacter cloacae</i>	44	4	0	0	0	100	100		0	0	0	0		91	89	39	100	100	100		
<i>Klebsiella oxytoca</i>	34	3	0	74	79	97	80		0		82	82		88	76	94	88	20	100		
<i>Morganella morganii</i>	23	2	0	0	0	96	96		0	0	0	0		65	74	0	87	100	100		
<i>Klebsiella aerogenes</i>	17	2	0	0	0	100	100		0	0	0	0		94	94	18	100	100	100		
<i>Citrobacter freundii</i>	15	2	0	0	0	100	100		0	0	0	0	0	93	80	93	93	93	100		
<i>Serratia marcescens</i>	10	1	0	0	0	100	100		0	0	0	0		90	100	0	100	90	90		
<i>Citrobacter koseri</i>	9	1	0	0	0	100	100		0	0	0	0		100	100	56	100	100	100		
<i>Citrobacter braakii</i>	7	1	0	0	0	100	100		0	0	0	0		86	100	100	100	100	100		

<b>ALL GRAM-POSITIVE BACTERIA</b>	406	100	63	63	70	7	7	7	7	7	7		30	53	8	72				90	53
<i>Enterococcus faecalis</i>	245	60	100	100	99								22	81		99				100	81
<i>Enterococcus faecium</i> , all isolates	124	31	7	7	7								27	8		11				69	8
- vancomycin-susceptible	86	21	9	9	9								37	12		9				99	12
- vancomycin-resistant (VRE)	38	9	3	3	3								3	0		16				0	0
<i>Staphylococcus aureus</i> , all isolates	34	8			88	88	88	88	88	88			97	12	100	97				100	12
- methicillin-susceptible	30	7			100	100	100	100	100	100			100	0	100	97				100	0
- methicillin-resistant (MRSA)	4	1			0	0	0	0	0	0			75	100	100	100				100	100
<i>Enterococcus avium</i>	3	1	100	100	100								67	100		33				100	100
<i>Enterococcus gallinarum</i>	3	1	33	33	33								33	100		100				100	100

**General Notes:**

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

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**All Inpatients**  
**January 1, 2024 - December 31, 2024**

**All Specimens – % Susceptible**

<div> <div>≥80% Susceptible</div> <div>70-79% Susceptible</div> <div>≤69% Susceptible</div> </div>		#	%	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
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ALL BACTERIA	4401	—	16	29					58	65	54		31	16	44							48	74		54	69					
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ALL GRAM-NEGATIVE BACTERIA	1985	100	10	39					63	97	72		20	7	47			64			21	68		55	45	89	84	97			
<i>Escherichia coli</i>	686	35	19	57					66	100	99		30		70			70			22	49		57	97	85	72	98			
<i>Pseudomonas aeruginosa</i>	409	21							83	86								87			77					88	97	94			
<i>Klebsiella pneumoniae</i>	283	14	0	73					71	99	98		53	50	77			77			67	69		71	20	87	78	96			
<i>Enterobacter cloacae</i>	129	6	0	0					2	100	97		0	0	1			1						94	83	28	98	98	99		
<i>Proteus mirabilis</i>	86	4	32	93					97	100	100		35		96			96			0	81		70	4	94	100	100			
<i>Klebsiella oxytoca</i>	69	3	0	83					83	99	96		13		88			88				91		86	85	94	85	100			
<i>Serratia marcescens</i>	55	3	0	0					0	100	100		0	0	0			0			100	88		100	2	100	94	98			
<i>Stenotrophomonas maltophilia</i> ^	53	3																					85	89	0						
<i>Haemophilus influenzae</i> ^^^	47	2	83																												
<i>Morganella morganii</i>	37	2	0	0					0	97	97		0	0	0			0				62		73	0	89	100	100			
<i>Klebsiella aerogenes</i>	37	2	0	0					0	97	97		0	0	0			0					95	97	14	100	100	100			
<i>Citrobacter freundii</i>	26	1	0	0					0	100	100		0	0	0			0				92		85	88	96	92	100			
<i>Citrobacter braakii</i>	18	1	0	0					0	100	100		0	0	0			0			0	94		100	94	94	94	94			
<i>Citrobacter koseri</i>	16	1	0	0					0	100	100		0	0	0			0				100		100	56	100	100	100			
<i>Moraxella catarrhalis</i> ^	14	1																													
<i>Acinetobacter baumannii</i> complex	8	0							100	100			0	75				88				100		100	0	100	100	100			
<i>Acinetobacter species</i>	7	0							86	100	0		0	57				100			0	86		100		100	100	100			
<i>Burkholderia cepacia</i>	5	0							40									40						60							

ALL GRAM-POSITIVE BACTERIA	2416	100	21	21	7				55	40	40	33	40	24	41			45	33	71	79		53	88				94	98
Coagulase-negative staphylococci	1110	46							36	36	36	36	36					53	33	88	100		63	100				100	100
<i>Staphylococcus aureus</i> , all isolates	507	21							82	82	82	82	82	82				78	68	96	73		98	98				100	100
- methicillin-susceptible	413	17							100	100	100	100	100	100				80	74	98	67		99	98				100	100
- methicillin-resistant (MRSA)	94	4							1	1	1	1	1	1				70	43	85	100		96	97				100	100
<i>Enterococcus faecalis</i> , all isolates	347	14	99	99					99											23	80		98					100	100
- vancomycin-susceptible	347	14	99	99					99											23	80		98					100	100
<i>Enterococcus faecium</i> , all isolates	236	10	4	4					4											28	9		13					69	100
- vancomycin-susceptible	163	7	6	6					6											39	11		11					100	100
- vancomycin-resistant (VRE)	73	3	1	1					1											3	3		16					0	100
Viridans group streptococci*	74	3			66									100														100	
<i>Streptococcus anginosus</i> group**	49	2			100									100														100	
<i>Staphylococcus lugdunensis</i>	42	2							86	86	86	86	86	86					88	86	88			98	100			100	100
<i>Streptococcus pneumoniae</i>	31	1				100	100												100	77			100					100	
Group A streptococci**	22	1			100														73	77								100	
Group B streptococci**	13	1			100														58	58								100	
<i>Mycobacterium tuberculosis</i> complex	11	0																											
<i>Enterococcus gallinarum</i>	9	0	100	100					100											100	100		100					22	88
<i>Enterococcus avium</i>	7	0	100	100					100												67	100		33				100	100
Group G streptococci**	7	0			100														29	29								100	
Group C streptococci**	5	0			100														50	50								100	

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- 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.
- All specimens exclude surveillance samples.

**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
- \*\* 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. 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.

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**All Inpatients**  
**January 1, 2024 - December 31, 2024**

**All Non-Urine Isolates – % Susceptible**

#	%	Susceptibility Legend		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	Daptomycin
≥80% Susceptible		<div></div>																											
70-79% Susceptible		<div></div>																											
≤69% Susceptible		<div></div>																											

<b>ALL BACTERIA</b>	<b>3088</b>	<b>—</b>	<b>13</b>	<b>21</b>				<b>57</b>	<b>64</b>	<b>51</b>		<b>36</b>	<b>45</b>									<b>57</b>						
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<b>ALL GRAM-NEGATIVE BACTERIA</b>	<b>1151</b>	<b>100</b>	<b>11</b>	<b>32</b>				<b>63</b>	<b>95</b>	<b>59</b>		<b>20</b>	<b>40</b>		<b>63</b>				<b>69</b>		<b>51</b>	<b>90</b>	<b>92</b>	<b>96</b>				
<i>Pseudomonas aeruginosa</i>	335	29						84	86						87				79			89	98	94				
<i>Escherichia coli</i>	268	23	29	55				63	99	99		42	68		68				48		57	86	85	97				
<i>Klebsiella pneumoniae</i>	144	13	0	76				74	99	98		69	81		81				72		74	87	85	97				
<i>Enterobacter cloacae</i>	91	8	0	0				2	100	96		0	1		1				96		80	98	98	99				
<i>Stenotrophomonas maltophilia</i>	52	5																		85	88							
<i>Haemophilus influenzae</i> <sup>^^</sup>	48	4	79																									
<i>Serratia marcescens</i>	48	4	0	0				0	100	100		0	0		0				89		100	100	96	100				
<i>Klebsiella oxytoca</i>	37	3	0	92				86	100	100		16	94		94				95		95	100	100	100				
<i>Proteus mirabilis</i>	34	3	27	91				94	100	100		29	94		94				82		72	94	100	100				
<i>Klebsiella aerogenes</i>	23	2	0	0				0	96	96		0	0		0				96		100	100	100	100				
<i>Morganella morganii</i>	16	1	0	0				0	100	93		0	0		0				56		75	94	100	100				
<i>Moraxella catarrhalis</i> <sup>^</sup>	14	1																										
<i>Citrobacter freundii</i>	11	1	0	0				0	100	100		0	0		0				91		91	100	91	100				
<i>Citrobacter braakii</i>	11	1	0	0				0	100	100		0	0		0				100		100	90	90	90				
<i>Citrobacter koseri</i>	8	1	0	0				0	100	100		0	0		0				100		100	100	100	100				
<i>Acinetobacter baumannii</i> complex	6	1						100	100			67			83				100		100	100	100	100				
<i>Burkholderia cepacia</i>	5	0							40						40						60							

<b>ALL GRAM-POSITIVE BACTERIA</b>	<b>1937</b>	<b>100</b>	<b>15</b>	<b>15</b>	<b>8</b>			<b>53</b>	<b>46</b>	<b>46</b>	<b>38</b>	<b>46</b>	<b>48</b>			<b>51</b>	<b>38</b>			<b>61</b>				<b>95</b>				
Coagulase-negative staphylococci	995	51						36	36	36	36	36	36			52	33	88		62				100	100			
<i>Staphylococcus aureus</i> , all isolates	486	25						81	81	81	81	81	80			78	68	95		98				100	100			
- methicillin-susceptible	394	20						100	100	100	100	100	99			80	74	97		98				100	100			
- methicillin-resistant (MRSA)	92	5						1	1	1	1	1	1			72	43	86		96				100	100			
<i>Enterococcus faecium</i> , all isolates	127	7	4	4				4																70				
- vancomycin-susceptible	89	5	6	6				6																100				
- vancomycin-resistant (VRE)	38	2	0	0				0																0	100	100		
<i>Enterococcus faecalis</i>	117	6	99	99				100																100				
<i>Staphylococcus lugdunensis</i>	40	2						85	85	85	85	85				88	85	88		98				100	100			
- vancomycin-susceptible (vanA+)	0	0																										
Viridans group streptococci <sup>*</sup>	74	4			66							100												100				
<i>Streptococcus anginosus</i> group <sup>**</sup>	48	2			100							100												100				
<i>Streptococcus pneumoniae</i>	30	2				100	100							100	100				100	76			100					
Group A streptococci <sup>**</sup>	21	1			100														76	76			100					
Group B streptococci <sup>**</sup>	13	1			100														58	58			100					
<i>Mycobacterium tuberculosis</i> complex	11	1																										
<i>Enterococcus gallinarum</i>	8	0	100	100				100																	25			
Group G streptococci <sup>**</sup>	7	0			100														29	29			100					
Group C streptococci <sup>**</sup>	5	0			100														50	50			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.
- 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 UHN/MSH Department of Microbiology.

**Organism-Specific Notes:**

- <sup>^</sup> *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.
- <sup>^^</sup> *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.
- <sup>\*\*</sup> 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.
- <sup>\*</sup> 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.
- <sup>†</sup> *S. maltophilia*: Susceptibility to moxifloxacin was predicted based on levofloxacin susceptibility testing results.
- <sup>\*\*</sup> *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.