

**Toronto General Hospital ANTIBIOGRAM**  
**All Inpatients**  
**January 1, 2021 - December 31, 2021**

**Blood Isolates – % Susceptible**

|  |   |   |            |                             |            |                         |           |           |             |           |             |             |             |              |             |               |              |                               |            |            |          |            |           |
|--|---|---|------------|-----------------------------|------------|-------------------------|-----------|-----------|-------------|-----------|-------------|-------------|-------------|--------------|-------------|---------------|--------------|-------------------------------|------------|------------|----------|------------|-----------|
| ≥80% Susceptible <span style="color: green;">■</span><br>70-79% Susceptible <span style="color: yellow;">■</span><br>≤69% Susceptible <span style="color: red;">■</span> | # | % | 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 |
|--|---|---|------------|-----------------------------|------------|-------------------------|-----------|-----------|-------------|-----------|-------------|-------------|-------------|--------------|-------------|---------------|--------------|-------------------------------|------------|------------|----------|------------|-----------|

|                     |      |   |    |    |  |    |    |    |  |    |    |  |  |  |  |  |  |    |  |  |  |  |  |
|---------------------|------|---|----|----|--|----|----|----|--|----|----|--|--|--|--|--|--|----|--|--|--|--|--|
| <b>ALL BACTERIA</b> | 1109 | — | 12 | 19 |  | 48 | 50 | 47 |  | 36 | 44 |  |  |  |  |  |  | 62 |  |  |  |  |  |
|---------------------|------|---|----|----|--|----|----|----|--|----|----|--|--|--|--|--|--|----|--|--|--|--|--|

|  |     |     |    |    |  |    |     |     |  |    |    |    |  |  |  |     |     |     |     |     |  |  |  |
|--|-----|-----|----|----|--|----|-----|-----|--|----|----|----|--|--|--|-----|-----|-----|-----|-----|--|--|--|
| <b>ALL GRAM-NEGATIVE BACTERIA</b>                | 265 | 100 | 17 | 48 |  | 61 | 96  | 84  |  | 37 | 53 | 61 |  |  |  | 79  | 70  | 94  | 92  | 96  |  |  |  |
| <i>Escherichia coli</i>                          | 100 | 38  | 39 | 65 |  | 73 | 99  | 98  |  | 51 | 75 | 75 |  |  |  | 68  | 68  | 91  | 87  | 94  |  |  |  |
| <i>Klebsiella pneumoniae</i>                     | 57  | 22  | 0  | 81 |  | 81 | 96  | 96  |  | 74 | 81 | 81 |  |  |  | 86  | 84  | 98  | 93  | 98  |  |  |  |
| <i>Pseudomonas aeruginosa</i>                    | 30  | 11  |    |    |  | 73 | 83  |     |  |    |    | 80 |  |  |  | 83  |     | 87  | 93  | 90  |  |  |  |
| <i>Enterobacter cloacae</i>                      | 17  | 6   | 0  | 0  |  | 0  | 94  | 94  |  | 0  | 0  | 0  |  |  |  | 100 | 88  | 100 | 100 | 100 |  |  |  |
| <i>Klebsiella aerogenes</i>                      | 13  | 5   | 0  | 0  |  | 0  | 92  | 92  |  | 0  | 0  | 0  |  |  |  | 85  | 92  | 100 | 92  | 100 |  |  |  |
| <i>Serratia marcescens</i>                       | 12  | 5   | 0  | 0  |  | 0  | 100 | 100 |  | 0  | 0  | 0  |  |  |  | 100 | 100 | 100 | 100 | 100 |  |  |  |
| <i>Klebsiella oxytoca</i>                        | 11  | 4   | 0  | 73 |  | 73 | 100 | 100 |  | 9  | 73 | 73 |  |  |  | 100 | 91  | 91  | 91  | 100 |  |  |  |
| <i>Proteus mirabilis</i>                         | 9   | 3   | 75 | 89 |  | 89 | 100 | 100 |  | 33 | 89 | 89 |  |  |  | 78  | 78  | 100 | 100 | 100 |  |  |  |
| <i>Stenotrophomonas maltophilia</i> <sup>†</sup> | 6   | 2   |    |    |  |    |     |     |  |    |    |    |  |  |  |     | 100 | 83  |     |     |  |  |  |
| <i>Citrobacter koseri</i>                        | 5   | 2   | 0  | 0  |  | 0  | 100 | 80  |  | 0  | 0  | 0  |  |  |  | 100 | 100 | 100 | 100 | 100 |  |  |  |

|  |     |     |     |     |   |     |     |     |     |     |    |     |    |    |    |  |  |     |  |  |  |  |     |     |
|--|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|----|-----|----|----|----|--|--|-----|--|--|--|--|-----|-----|
| <b>ALL GRAM-POSITIVE BACTERIA</b>                  | 844 | 100 | 10  | 10  | 2 | 44  | 36  | 36  | 34  | 36  | 41 |     | 50 | 36 |    |  |  | 59  |  |  |  |  | 98  |     |
| Coagulase-negative staphylococci                   | 552 | 65  |     |     |   | 33  | 33  | 33  | 33  | 33  |    |     | 54 | 36 | 91 |  |  | 63  |  |  |  |  | 100 | 100 |
| <i>Staphylococcus aureus</i> , all isolates        | 123 | 15  |     |     |   | 89  | 89  | 89  | 89  | 89  |    |     | 78 | 71 | 95 |  |  | 100 |  |  |  |  | 100 | 100 |
| - methicillin-susceptible                          | 110 | 13  |     |     |   | 100 | 100 | 100 | 100 | 100 |    |     | 77 | 73 | 96 |  |  | 100 |  |  |  |  | 100 | 100 |
| - methicillin-resistant (MRSA)                     | 13  | 2   |     |     |   | 0   | 0   | 0   | 0   | 0   |    |     | 85 | 54 | 85 |  |  | 100 |  |  |  |  | 100 | 100 |
| <i>Enterococcus faecalis</i>                       | 62  | 7   | 100 | 100 |   | 100 |     |     |     |     |    |     |    |    |    |  |  |     |  |  |  |  | 100 |     |
| <i>Enterococcus faecium</i> , all isolates         | 49  | 6   | 15  | 15  |   | 15  |     |     |     |     |    |     |    |    |    |  |  |     |  |  |  |  | 84  |     |
| - vancomycin-susceptible                           | 41  | 5   | 18  | 18  |   | 18  |     |     |     |     |    |     |    |    |    |  |  |     |  |  |  |  | 100 |     |
| - vancomycin-resistant (VRE)                       | 8   | 1   | 0   | 0   |   | 0   |     |     |     |     |    |     |    |    |    |  |  |     |  |  |  |  | 0   | 100 |
| Viridans group streptococci <sup>*</sup>           | 38  | 5   |     |     |   |     |     |     |     |     |    | 92  |    |    |    |  |  |     |  |  |  |  |     | 100 |
| <i>Staphylococcus lugdunensis</i>                  | 9   | 1   |     |     |   | 67  | 67  | 67  | 67  | 67  |    |     | 89 | 78 | 78 |  |  | 100 |  |  |  |  |     | 100 |
| Group B streptococci <sup>**</sup>                 | 8   | 1   |     |     |   | 100 |     |     |     |     |    |     | 50 | 38 |    |  |  |     |  |  |  |  |     | 100 |
| Group A streptococci <sup>**</sup>                 | 6   | 1   |     |     |   | 100 |     |     |     |     |    |     | 83 | 83 |    |  |  |     |  |  |  |  |     | 100 |
| <i>Streptococcus anginosus</i> group <sup>**</sup> | 6   | 1   |     |     |   | 0   |     |     |     |     |    | 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.
- 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.
- <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.



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**Respiratory Isolates – % Susceptible**

|                     | #   | % | Ampicillin | Amoxicillin-Clavulanic acid | 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 |
|---------------------|-----|---|------------|-----------------------------|----------------------------|--------------------------------|-------------------------|-----------|-----------|-------------|-----------|-------------|--------------------------|------------------------------|-------------|-------------|--------------|-------------|---------------|--------------|-------------------------------|------------|------------|----------|------------|-----------|
|                     |     |   |            |                             |                            |                                |                         |           |           |             |           |             |                          |                              |             |             |              |             |               |              |                               |            |            |          |            |           |
| <b>ALL BACTERIA</b> | 640 | — | 5          | 18                          |                            |                                | 68                      | 90        | 58        |             | 30        | 49          |                          |                              |             |             |              |             |               |              | 69                            |            |            |          |            |           |

| <b>ALL GRAM-NEGATIVE BACTERIA</b>                | 434 | 100 | 6  | 25 |  |  | 60 | 93  | 46  |  | 4  | 30 |  |  | 57 |  |  |  | 79  |    | 56  | 91  | 84  | 91  |  |
|--|-----|-----|----|----|--|--|----|-----|-----|--|----|----|--|--|----|--|--|--|-----|----|-----|-----|-----|-----|--|
| <i>Pseudomonas aeruginosa</i>                    | 148 | 34  |    |    |  |  | 82 | 84  |     |  |    |    |  |  | 82 |  |  |  | 80  |    |     | 85  | 95  | 85  |  |
| <i>Klebsiella pneumoniae</i>                     | 53  | 12  | 0  | 79 |  |  | 77 | 98  | 90  |  | 27 | 79 |  |  | 79 |  |  |  | 87  |    | 85  | 94  | 70  | 90  |  |
| <i>Haemophilus influenzae</i> <sup>^^</sup>      | 35  | 8   | 71 |    |  |  |    |     |     |  |    |    |  |  |    |  |  |  |     |    |     |     |     |     |  |
| <i>Escherichia coli</i>                          | 32  | 7   | 0  | 44 |  |  | 53 | 100 | 100 |  | 7  | 62 |  |  | 62 |  |  |  | 72  |    | 62  | 94  | 43  | 100 |  |
| <i>Stenotrophomonas maltophilia</i> <sup>*</sup> | 29  | 7   |    |    |  |  |    |     |     |  |    |    |  |  |    |  |  |  |     | 90 | 97  |     |     |     |  |
| <i>Enterobacter cloacae</i>                      | 28  | 6   | 0  | 0  |  |  | 0  | 96  | 89  |  | 0  | 0  |  |  | 0  |  |  |  | 96  |    | 86  | 100 | 100 | 100 |  |
| <i>Serratia marcescens</i>                       | 28  | 6   | 0  | 0  |  |  | 0  | 100 | 100 |  | 0  | 0  |  |  | 0  |  |  |  | 93  |    | 100 | 100 | 96  | 100 |  |
| <i>Klebsiella oxytoca</i>                        | 23  | 5   | 0  | 74 |  |  | 74 | 100 | 100 |  | 0  | 74 |  |  | 74 |  |  |  | 96  |    | 100 | 96  | 50  | 100 |  |
| <i>Klebsiella aerogenes</i>                      | 23  | 5   | 0  | 0  |  |  | 0  | 96  | 96  |  | 0  | 0  |  |  | 0  |  |  |  | 100 |    | 100 | 100 | 100 | 100 |  |
| <i>Citrobacter koseri</i>                        | 14  | 3   | 0  | 0  |  |  | 0  | 100 | 100 |  | 0  | 0  |  |  | 0  |  |  |  | 100 |    | 100 | 100 | 100 | 100 |  |
| <i>Moraxella catarrhalis</i> <sup>^</sup>        | 5   | 1   |    |    |  |  |    |     |     |  |    |    |  |  |    |  |  |  |     |    |     |     |     |     |  |

| <b>ALL GRAM-POSITIVE BACTERIA</b>           | 206 | 100 | 2 | 2  |    |  | 84  | 84  | 84  | 81  | 84  | 85 |  |    | 78  | 68 |    |  |     | 96  |     |  |  | 98  |     |
|---|-----|-----|---|----|----|--|-----|-----|-----|-----|-----|----|--|----|-----|----|----|--|-----|-----|-----|--|--|-----|-----|
| <i>Staphylococcus aureus</i> , all isolates | 192 | 93  |   |    |    |  | 88  | 88  | 88  | 88  | 88  |    |  |    | 79  | 71 | 93 |  |     | 98  |     |  |  | 100 | 100 |
| - methicillin-susceptible                   | 168 | 82  |   |    |    |  | 100 | 100 | 100 | 100 | 100 |    |  |    | 80  | 74 | 94 |  |     | 98  |     |  |  | 100 | 100 |
| - methicillin-resistant (MRSA)              | 24  | 12  |   |    |    |  | 0   | 0   | 0   | 0   | 0   |    |  |    | 75  | 50 | 88 |  |     | 100 |     |  |  | 100 | 100 |
| <i>Streptococcus pneumoniae</i>             | 11  | 5   |   | 45 | 45 |  |     |     |     |     |     |    |  | 67 | 100 |    |    |  | 73  | 36  |     |  |  | 100 |     |
| <i>Mycobacterium tuberculosis complex</i>   | 3   | 1   |   |    |    |  |     |     |     |     |     |    |  |    |     |    |    |  |     |     |     |  |  |     |     |
| <i>Staphylococcus lugdunensis</i>           | 1   | 0   |   |    |    |  | 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 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.

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

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

|                     |      |   |   |    |  |  |  |    |    |    |  |    |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |
|---------------------|------|---|---|----|--|--|--|----|----|----|--|----|----|--|--|--|--|--|--|--|--|----|--|--|--|--|--|
| <b>ALL BACTERIA</b> | 1384 | — | 9 | 16 |  |  |  | 60 | 64 | 53 |  | 43 | 51 |  |  |  |  |  |  |  |  | 71 |  |  |  |  |  |
|---------------------|------|---|---|----|--|--|--|----|----|----|--|----|----|--|--|--|--|--|--|--|--|----|--|--|--|--|--|

| <b>ALL GRAM-NEGATIVE BACTERIA</b>                | 420 | 100 | 15  | 37  |  |  |  | 68  | 96  | 59  |  | 23 | 42  |  | 68  |  |  |  |  | 86  | 61  | 95  | 96  | 98  |     |  |
|--|-----|-----|-----|-----|--|--|--|-----|-----|-----|--|----|-----|--|-----|--|--|--|--|-----|-----|-----|-----|-----|-----|--|
| <i>Pseudomonas aeruginosa</i>                    | 124 | 30  |     |     |  |  |  | 90  | 89  |     |  |    |     |  | 92  |  |  |  |  | 94  |     | 95  | 98  | 97  |     |  |
| <i>Escherichia coli</i>                          | 92  | 22  | 33  | 66  |  |  |  | 74  | 99  | 98  |  | 51 | 79  |  | 79  |  |  |  |  | 75  |     | 76  | 90  | 90  | 97  |  |
| <i>Klebsiella pneumoniae</i>                     | 48  | 11  | 0   | 81  |  |  |  | 83  | 100 | 100 |  | 70 | 85  |  | 85  |  |  |  |  | 96  |     | 94  | 100 | 100 | 100 |  |
| <i>Enterobacter cloacae</i>                      | 35  | 8   | 0   | 0   |  |  |  | 0   | 100 | 94  |  | 0  | 0   |  | 0   |  |  |  |  | 94  |     | 89  | 89  | 89  | 100 |  |
| <i>Haemophilus influenzae</i> <sup>^^</sup>      | 22  | 5   | 77  |     |  |  |  |     |     |     |  |    |     |  |     |  |  |  |  |     |     |     |     |     |     |  |
| <i>Klebsiella oxytoca</i>                        | 18  | 4   | 0   | 100 |  |  |  | 94  | 100 | 100 |  | 67 | 100 |  | 100 |  |  |  |  | 100 |     | 100 | 100 | 100 | 100 |  |
| <i>Klebsiella aerogenes</i>                      | 17  | 4   | 0   | 0   |  |  |  | 0   | 94  | 94  |  | 0  | 0   |  | 0   |  |  |  |  | 88  |     | 100 | 100 | 100 | 100 |  |
| <i>Stenotrophomonas maltophilia</i> <sup>†</sup> | 17  | 4   |     |     |  |  |  |     |     |     |  |    |     |  |     |  |  |  |  | 100 | 100 |     |     |     |     |  |
| <i>Serratia marcescens</i>                       | 16  | 4   | 0   | 0   |  |  |  | 0   | 100 | 100 |  | 0  | 0   |  | 0   |  |  |  |  | 100 |     | 100 | 100 | 100 | 100 |  |
| <i>Proteus mirabilis</i>                         | 14  | 3   | 100 | 100 |  |  |  | 100 | 100 | 100 |  | 20 | 100 |  | 100 |  |  |  |  | 86  |     | 86  | 100 | 100 | 100 |  |
| <i>Citrobacter koseri</i>                        | 7   | 2   | 0   | 0   |  |  |  | 0   | 100 | 100 |  | 0  | 0   |  | 0   |  |  |  |  | 100 |     | 100 | 100 | 100 | 100 |  |

| <b>ALL GRAM-POSITIVE BACTERIA</b>                  | 964 | 100 | 7   | 7   | 1   |    |  | 57  | 51  | 51  | 50  | 51  | 55  |  |    | 61 | 43 |    |  |  | 76  |  |  |  | 96  |     |
|--|-----|-----|-----|-----|-----|----|--|-----|-----|-----|-----|-----|-----|--|----|----|----|----|--|--|-----|--|--|--|-----|-----|
| Coagulase-negative staphylococci                   | 584 | 61  |     |     |     |    |  | 46  | 46  | 46  | 46  | 46  |     |  |    | 61 | 38 | 91 |  |  | 77  |  |  |  | 99  | 99  |
| <i>Staphylococcus aureus</i> , all isolates        | 242 | 25  |     |     |     |    |  | 91  | 91  | 91  | 91  | 91  |     |  |    | 81 | 71 | 97 |  |  | 100 |  |  |  | 100 | 100 |
| - methicillin-susceptible                          | 221 | 23  |     |     |     |    |  | 100 | 100 | 100 | 100 | 100 |     |  |    | 82 | 76 | 98 |  |  | 100 |  |  |  | 100 | 100 |
| - methicillin-resistant (MRSA)                     | 21  | 2   |     |     |     |    |  | 0   | 0   | 0   | 0   | 0   |     |  |    | 67 | 24 | 81 |  |  | 100 |  |  |  | 100 | 100 |
| <i>Enterococcus faecalis</i>                       | 49  | 5   | 100 | 100 |     |    |  | 100 |     |     |     |     |     |  |    |    |    |    |  |  |     |  |  |  | 100 | 100 |
| Viridans group streptococci <sup>*</sup>           | 32  | 3   |     |     |     |    |  |     |     |     |     |     | 88  |  |    |    |    |    |  |  |     |  |  |  | 100 | 100 |
| <i>Streptococcus anginosus</i> group <sup>**</sup> | 23  | 2   |     |     | 0   |    |  |     |     |     |     |     | 100 |  |    |    |    |    |  |  |     |  |  |  | 96  | 96  |
| <i>Enterococcus faecium</i>                        | 19  | 2   | 32  | 32  |     |    |  | 32  |     |     |     |     |     |  |    |    |    |    |  |  |     |  |  |  | 100 | 100 |
| <i>Staphylococcus lugdunensis</i>                  | 16  | 2   |     |     |     |    |  | 88  | 88  | 88  | 88  | 88  |     |  |    | 94 | 94 | 94 |  |  | 100 |  |  |  | 100 | 100 |
| <i>Streptococcus pneumoniae</i>                    | 9   | 1   |     |     | 62  | 62 |  |     |     |     |     |     |     |  | 25 | 75 | 88 | 44 |  |  | 100 |  |  |  | 100 | 100 |
| Group B streptococci <sup>**</sup>                 | 5   | 1   |     |     | 100 |    |  |     |     |     |     |     |     |  |    | 25 | 25 |    |  |  |     |  |  |  | 100 | 100 |

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

**Organism-Specific Notes:**

- <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.

