

# Mount Sinai Hospital ANTIBIOGRAM

## All Inpatients

### January 1, 2020 - December 31, 2020

#### Blood Isolates – % Susceptible

|  | # | % | Ampicillin | Amoxicillin-Clavulanic acid | Penicillin | Piperacillin-Tazobactam | Meropenem | Ertapenem | Cloxacillin | Cefazolin | Ceftriaxone | Ceftazidime | Clindamycin | Erythromycin | Doxycycline | Ciprofloxacin | Trimethoprim-Sulfamethoxazole | Gentamicin | Tobramycin | Amikacin | Vancomycin | Linezolid |
|--|---|---|------------|-----------------------------|------------|-------------------------|-----------|-----------|-------------|-----------|-------------|-------------|-------------|--------------|-------------|---------------|-------------------------------|------------|------------|----------|------------|-----------|
|  |   |   |            |                             |            |                         |           |           |             |           |             |             |             |              |             |               |                               |            |            |          |            |           |

≥80% Susceptible ■  
 70-79% Susceptible ■  
 ≤69% Susceptible ■

|                     |     |   |    |    |    |    |    |    |    |  |  |  |  |  |  |    |  |  |  |  |  |  |
|---------------------|-----|---|----|----|----|----|----|----|----|--|--|--|--|--|--|----|--|--|--|--|--|--|
| <b>ALL BACTERIA</b> | 510 | — | 14 | 24 | 58 | 59 | 55 | 46 | 54 |  |  |  |  |  |  | 61 |  |  |  |  |  |  |
|---------------------|-----|---|----|----|----|----|----|----|----|--|--|--|--|--|--|----|--|--|--|--|--|--|

|                                   |     |     |     |     |     |     |     |    |     |     |  |  |  |  |  |     |     |     |     |     |  |  |
|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|--|--|--|--|--|-----|-----|-----|-----|-----|--|--|
| <b>ALL GRAM-NEGATIVE BACTERIA</b> | 135 | 100 | 20  | 58  | 75  | 97  | 82  | 48 | 66  | 78  |  |  |  |  |  | 79  | 74  | 93  | 92  | 98  |  |  |
| <i>Escherichia coli</i>           | 65  | 48  | 30  | 69  | 77  | 98  | 98  | 62 | 80  | 80  |  |  |  |  |  | 78  | 72  | 89  | 88  | 100 |  |  |
| <i>Klebsiella pneumoniae</i>      | 25  | 19  | 0   | 84  | 84  | 100 | 100 | 84 | 88  | 88  |  |  |  |  |  | 88  | 92  | 92  | 92  | 100 |  |  |
| <i>Pseudomonas aeruginosa</i>     | 13  | 10  |     |     | 100 | 100 |     |    |     | 100 |  |  |  |  |  | 69  |     | 100 | 100 | 100 |  |  |
| <i>Enterobacter cloacae</i>       | 5   | 4   | 0   | 0   | 0   | 100 | 80  | 0  | 0   | 0   |  |  |  |  |  | 80  | 100 | 100 | 100 | 100 |  |  |
| <i>Klebsiella oxytoca</i>         | 5   | 4   | 0   | 100 | 100 | 100 | 100 | 20 | 100 | 100 |  |  |  |  |  | 100 | 100 | 100 | 100 | 100 |  |  |
| <i>Proteus mirabilis</i>          | 5   | 4   | 100 | 100 | 100 | 100 | 100 | 40 | 100 | 100 |  |  |  |  |  | 100 | 100 | 100 | 100 | 100 |  |  |

|   |     |     |     |     |     |     |     |     |     |     |     |  |    |    |     |  |     |  |  |  |  |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|----|----|-----|--|-----|--|--|--|--|-----|-----|
| <b>ALL GRAM-POSITIVE BACTERIA</b>           | 375 | 100 | 12  | 12  | 6   | 52  | 46  | 46  | 39  | 46  | 50  |  | 42 | 42 |     |  | 56  |  |  |  |  | 99  |     |
| Coagulase-negative staphylococci            | 267 | 71  |     |     |     | 43  | 43  | 43  | 43  | 43  |     |  | 43 | 43 | 100 |  | 57  |  |  |  |  | 100 | 100 |
| <i>Staphylococcus aureus</i> , all isolates | 37  | 10  |     |     |     | 89  | 89  | 89  | 89  | 89  |     |  | 71 | 62 | 95  |  | 97  |  |  |  |  | 100 | 100 |
| - methicillin-susceptible                   | 33  | 9   |     |     |     | 100 | 100 | 100 | 100 | 100 |     |  | 70 | 64 | 97  |  | 97  |  |  |  |  | 100 | 100 |
| - methicillin-resistant (MRSA)              | 4   | 1   |     |     |     | 0   | 0   | 0   | 0   | 0   |     |  | 75 | 50 | 75  |  | 100 |  |  |  |  | 100 | 100 |
| <i>Enterococcus faecalis</i>                | 21  | 6   | 100 | 100 |     | 100 |     |     |     |     |     |  |    |    |     |  |     |  |  |  |  | 100 |     |
| Group B streptococci**                      | 18  | 5   |     |     | 100 |     |     |     |     |     |     |  | 44 | 50 |     |  |     |  |  |  |  | 100 |     |
| <i>Enterococcus faecium</i> , all isolates  | 12  | 3   | 17  | 17  |     | 17  |     |     |     |     |     |  |    |    |     |  |     |  |  |  |  | 83  |     |
| - vancomycin-susceptible                    | 10  | 3   | 20  | 20  |     | 20  |     |     |     |     |     |  |    |    |     |  |     |  |  |  |  | 100 |     |
| - vancomycin-resistant (VRE)                | 2   | 1   | 0   | 0   |     | 0   |     |     |     |     |     |  |    |    |     |  |     |  |  |  |  | 0   | 100 |
| Viridans group streptococci <sup>o</sup>    | 13  | 3   |     |     |     |     |     |     |     |     | 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>o</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.

# Mount Sinai Hospital ANTIBIOGRAM All Inpatients January 1, 2020 - December 31, 2020

## Respiratory Isolates – % Susceptible

|  |     | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <p>≥80% Susceptible <span style="color: green;">■</span></p> <p>70-79% Susceptible <span style="color: yellow;">■</span></p> <p>≤69% Susceptible <span style="color: red;">■</span></p> </div> </div> |                             |            |                            |                                |                         |           |           |             |           |             |             |             |              |             |               |              |                               |            |            |          |            |           |
|--|-----|---|-----------------------------|------------|----------------------------|--------------------------------|-------------------------|-----------|-----------|-------------|-----------|-------------|-------------|-------------|--------------|-------------|---------------|--------------|-------------------------------|------------|------------|----------|------------|-----------|
| #  | %   | Ampicillin  | Amoxicillin-Clavulanic acid | Penicillin | Penicillin IV (meningitis) | Penicillin IV (non-meningitis) | Piperacillin-Tazobactam | Meropenem | Ertapenem | Cloxacillin | Cefazolin | Ceftriaxone | Ceftazidime | Clindamycin | Erythromycin | Doxycycline | Ciprofloxacin | Moxifloxacin | Trimethoprim-Sulfamethoxazole | Gentamicin | Tobramycin | Amikacin | Vancomycin | Linezolid |
| <b>ALL BACTERIA</b>                              | 116 | —   | 11                          | 18         |                            |                                | 78                      | 87        | 46        |             | 32        | 52          |             |             |              |             |               | 64           |                               |            |            |          |            |           |
| <b>ALL GRAM-NEGATIVE BACTERIA</b>                | 72  | 100   | 15                          | 26         |                            |                                | 74                      | 90        | 22        |             | 34        | 71          |             |             |              |             | 75            |              | 41                            | 94         | 77         | 77       |            |           |
| <i>Pseudomonas aeruginosa</i>                    | 30  | 42  |                             |            |                            |                                | 93                      | 80        |           |             |           | 93          |             |             |              |             | 83            |              |                               | 93         | 97         | 87       |            |           |
| <i>Haemophilus influenzae</i> <sup>^^</sup>      | 9   | 13  | 78                          |            |                            |                                |                         |           |           |             |           |             |             |             |              |             |               |              |                               |            |            |          |            |           |
| <i>Escherichia coli</i>                          | 6   | 8   | 25                          | 67         |                            |                                | 83                      | 100       |           |             | 100       | 100         |             |             |              |             | 100           |              | 50                            | 83         |            |          |            |           |
| <i>Klebsiella pneumoniae</i>                     | 5   | 7   | 0                           | 60         |                            |                                | 60                      | 100       | 100       |             | 0         | 60          | 60          |             |              |             | 60            |              | 60                            | 100        | 0          | 100      |            |           |
| <i>Stenotrophomonas maltophilia</i> <sup>†</sup> | 5   | 7   |                             |            |                            |                                |                         |           |           |             |           |             |             |             |              |             | 100           | 100          |                               |            |            |          |            |           |
| <b>ALL GRAM-POSITIVE BACTERIA</b>                | 44  | 100   | 5                           | 5          | 5                          |                                | 84                      | 84        | 84        | 80          | 84        | 80          |             | 70          | 62           |             |               |              | 98                            |            |            |          | 98         |           |
| <i>Staphylococcus aureus</i> , all isolates      | 41  | 93  |                             |            |                            |                                | 85                      | 85        | 85        | 85          | 85        |             |             | 70          | 61           | 92          |               |              | 100                           |            |            |          | 100        | 100       |
| - methicillin-susceptible                        | 35  | 80  |                             |            |                            |                                | 100                     | 100       | 100       | 100         | 100       |             |             | 74          | 66           | 91          |               |              | 100                           |            |            |          | 100        | 100       |
| - methicillin-resistant (MRSA)                   | 6   | 14  |                             |            |                            |                                | 0                       | 0         | 0         | 0           | 0         |             |             | 50          | 33           | 100         |               |              | 100                           |            |            |          | 100        | 100       |
| <i>Streptococcus pneumoniae</i>                  | 2   | 5   |                             |            |                            | 100                            | 100                     |           |           |             |           |             |             | 100         | 100          |             |               | 100          |                               |            |            |          | 100        |           |
| <i>Mycobacterium tuberculosis complex</i>        | 1   | 2   |                             |            |                            |                                |                         |           |           |             |           |             |             |             |              |             |               |              |                               |            |            |          |            |           |

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

# Mount Sinai Hospital ANTIBIOGRAM

## All Inpatients

### January 1, 2020 - December 31, 2020

#### All Urine Isolates – % Susceptible

|  | # | % | Ampicillin | Amoxicillin-Clavulanic acid | Penicillin | Piperacillin-Tazobactam | Meropenem | Ertapenem | Cloxacillin | Cefazolin | Cephalexin | Ceftriaxone | Ceftazidime | Doxycycline | Ciprofloxacin | Trimethoprim-Sulfamethoxazole | Nitrofurantoin | Gentamicin | Tobramycin | Amikacin | Vancomycin | Linezolid |
|--|---|---|------------|-----------------------------|------------|-------------------------|-----------|-----------|-------------|-----------|------------|-------------|-------------|-------------|---------------|-------------------------------|----------------|------------|------------|----------|------------|-----------|
|  |   |   |            |                             |            |                         |           |           |             |           |            |             |             |             |               |                               |                |            |            |          |            |           |

|                     |     |   |    |    |    |    |    |  |   |    |    |  |    |    |    |    |  |  |  |  |  |  |  |
|---------------------|-----|---|----|----|----|----|----|--|---|----|----|--|----|----|----|----|--|--|--|--|--|--|--|
| <b>ALL BACTERIA</b> | 641 | — | 35 | 67 | 81 | 70 | 58 |  | 8 | 46 | 49 |  | 49 | 79 | 51 | 73 |  |  |  |  |  |  |  |
|---------------------|-----|---|----|----|----|----|----|--|---|----|----|--|----|----|----|----|--|--|--|--|--|--|--|

| ALL GRAM-NEGATIVE BACTERIA    | 435 | 100 | 11  | 59 | 75  | 98  | 80  |  | 6  | 62 | 66  | 77  | 55  | 80  | 70  | 64  | 93  | 65  | 92  |  |  |  |
|-------------------------------|-----|-----|-----|----|-----|-----|-----|--|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|
| <i>Escherichia coli</i>       | 239 | 55  | 12  | 73 | 82  | 100 | 100 |  | 5  | 79 | 84  | 84  | 100 | 74  | 74  | 97  | 92  | 55  | 100 |  |  |  |
| <i>Klebsiella pneumoniae</i>  | 65  | 15  | 0   | 85 | 83  | 98  | 80  |  | 25 | 88 | 89  | 89  | 0   | 92  | 88  | 28  | 95  | 67  | 80  |  |  |  |
| <i>Pseudomonas aeruginosa</i> | 49  | 11  |     |    | 96  | 86  |     |  |    |    |     | 96  |     | 80  |     |     | 98  | 100 | 98  |  |  |  |
| <i>Proteus mirabilis</i>      | 21  | 5   | 100 | 95 | 100 | 100 |     |  |    | 95 | 100 | 100 |     | 86  | 90  | 0   | 90  |     |     |  |  |  |
| <i>Enterobacter cloacae</i>   | 18  | 4   | 0   | 0  | 0   | 100 | 100 |  | 0  | 0  | 0   | 0   |     | 94  | 83  | 61  | 94  | 94  | 100 |  |  |  |
| <i>Klebsiella oxytoca</i>     | 9   | 2   | 0   | 78 | 78  | 89  | 100 |  | 0  | 56 | 78  | 78  |     | 100 | 78  | 56  | 89  | 100 | 100 |  |  |  |
| <i>Enterobacter aerogenes</i> | 9   | 2   | 0   | 0  | 0   | 100 | 89  |  | 0  | 0  | 0   | 0   |     | 100 | 100 | 11  | 100 | 100 | 100 |  |  |  |
| <i>Morganella morganii</i>    | 8   | 2   | 0   | 0  | 0   | 100 | 100 |  | 0  | 0  | 0   | 0   |     | 62  | 62  | 0   | 88  | 100 | 100 |  |  |  |
| <i>Citrobacter koseri</i>     | 7   | 2   | 0   | 0  | 0   | 100 | 100 |  | 0  | 0  | 0   | 0   |     | 86  | 100 | 100 | 86  | 100 | 100 |  |  |  |

| ALL GRAM-POSITIVE BACTERIA                  | 206 | 100 | 84  | 84  | 2 | 93  | 12  | 12  | 9   | 12  | 11  | 12 |  | 35  | 77 | 10  | 93  |  |  |  |  | 99  | 100 |
|---|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|----|--|-----|----|-----|-----|--|--|--|--|-----|-----|
| <i>Enterococcus faecalis</i>                | 167 | 81  | 100 | 100 |   | 100 |     |     |     |     |     |    |  | 27  | 92 |     | 99  |  |  |  |  | 100 | 100 |
| <i>Staphylococcus aureus</i> , all isolates | 17  | 8   |     |     |   | 94  | 94  | 94  | 94  | 94  | 94  |    |  | 94  |    | 94  | 100 |  |  |  |  | 100 | 100 |
| - methicillin-susceptible                   | 16  | 8   |     |     |   | 100 | 100 | 100 | 100 | 100 | 100 |    |  | 100 |    | 94  | 100 |  |  |  |  | 100 | 100 |
| - methicillin-resistant (MRSA)              | 1   | 0   |     |     |   | 0   | 0   | 0   | 0   | 0   | 0   |    |  | 0   |    | 100 | 100 |  |  |  |  | 100 | 100 |
| <i>Enterococcus faecium</i> , all isolates  | 12  | 6   | 8   | 8   |   | 8   |     |     |     |     |     |    |  | 33  | 0  |     | 8   |  |  |  |  | 83  | 100 |
| - vancomycin-susceptible                    | 10  | 5   | 10  | 10  |   | 10  |     |     |     |     |     |    |  | 40  | 0  |     | 10  |  |  |  |  | 100 | 100 |
| - vancomycin-resistant (VRE)                | 2   | 1   | 0   | 0   |   | 0   |     |     |     |     |     |    |  | 0   | 0  |     | 0   |  |  |  |  | 0   | 100 |
| Group B streptococci**                      | 5   | 2   |     |     |   | 100 |     |     |     |     |     |    |  |     |    |     |     |  |  |  |  | 100 |     |
| Coagulase-negative staphylococci            | 4   | 2   |     |     |   |     | 50  | 50  | 50  | 50  | 50  |    |  | 100 |    | 75  | 100 |  |  |  |  | 100 | 100 |

**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 BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" listed includes these organisms.
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- Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

**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.

# Mount Sinai Hospital ANTIBIOGRAM

## All Inpatients

### January 1, 2020 - December 31, 2020

#### 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> | 1449 | — | 18 | 32 |  |  |  | 67 | 71 | 62 |  | 42 | 58 |  |  |  |  |  |  |  |  | 70 |  |  |  |  |  |  |
|---------------------|------|---|----|----|--|--|--|----|----|----|--|----|----|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|

| ALL GRAM-NEGATIVE BACTERIA                  | 605 | 100 | 15 | 48 |  |  |  | 70 | 98  | 76  |  | 30 | 54 |  |  | 73 |  |  |  |  | 81  |     | 66  | 93  | 91  | 99  |  |  |
|---|-----|-----|----|----|--|--|--|----|-----|-----|--|----|----|--|--|----|--|--|--|--|-----|-----|-----|-----|-----|-----|--|--|
| <i>Escherichia coli</i>                     | 268 | 44  | 24 | 69 |  |  |  | 76 | 100 | 99  |  | 48 | 79 |  |  | 79 |  |  |  |  | 74  |     | 72  | 89  | 85  | 99  |  |  |
| <i>Pseudomonas aeruginosa</i>               | 112 | 19  |    |    |  |  |  | 93 | 89  |     |  |    |    |  |  | 93 |  |  |  |  | 88  |     |     | 95  | 98  | 96  |  |  |
| <i>Klebsiella pneumoniae</i>                | 60  | 10  | 0  | 83 |  |  |  | 85 | 100 | 100 |  | 74 | 88 |  |  | 88 |  |  |  |  | 93  |     | 93  | 97  | 95  | 100 |  |  |
| <i>Enterobacter cloacae</i>                 | 40  | 7   | 0  | 0  |  |  |  | 0  | 100 | 92  |  | 0  | 0  |  |  | 0  |  |  |  |  | 92  |     | 98  | 100 | 100 | 100 |  |  |
| <i>Proteus mirabilis</i>                    | 32  | 5   | 60 | 97 |  |  |  | 97 | 100 | 100 |  | 14 | 97 |  |  | 97 |  |  |  |  | 88  |     | 84  | 97  | 100 | 100 |  |  |
| <i>Serratia marcescens</i>                  | 18  | 3   | 0  | 0  |  |  |  | 0  | 100 | 94  |  | 0  | 0  |  |  | 0  |  |  |  |  | 89  |     | 100 | 94  | 78  | 94  |  |  |
| <i>Citrobacter koseri</i>                   | 15  | 2   | 0  | 0  |  |  |  | 0  | 100 | 100 |  | 0  | 0  |  |  | 0  |  |  |  |  | 93  |     | 93  | 100 | 93  | 100 |  |  |
| <i>Klebsiella oxytoca</i>                   | 15  | 2   | 0  | 93 |  |  |  | 93 | 100 | 100 |  | 9  | 93 |  |  | 93 |  |  |  |  | 100 |     | 100 | 100 | 100 | 100 |  |  |
| <i>Stenotrophomonas maltophilia</i>         | 13  | 2   |    |    |  |  |  |    |     |     |  |    |    |  |  |    |  |  |  |  | 100 | 100 |     |     |     |     |  |  |
| <i>Enterobacter aerogenes</i>               | 11  | 2   | 0  | 0  |  |  |  | 0  | 91  | 91  |  | 0  | 0  |  |  | 0  |  |  |  |  | 91  |     | 100 | 100 | 100 | 100 |  |  |
| <i>Haemophilus influenzae</i> <sup>^^</sup> | 11  | 2   |    | 82 |  |  |  |    |     |     |  |    |    |  |  |    |  |  |  |  |     |     |     |     |     |     |  |  |
| <i>Morganella morganii</i>                  | 8   | 1   | 0  | 0  |  |  |  | 0  | 100 | 100 |  | 0  | 0  |  |  | 0  |  |  |  |  | 82  |     | 88  | 100 | 100 | 100 |  |  |

| ALL GRAM-POSITIVE BACTERIA                        | 844 | 100 | 20  | 20  | 7   |  |  | 64  | 51  | 51  | 44  | 51  | 61  |  |  | 56 | 43  |    |  |  |     | 74  |  |  |  |  | 98  |     |
|---|-----|-----|-----|-----|-----|--|--|-----|-----|-----|-----|-----|-----|--|--|----|-----|----|--|--|-----|-----|--|--|--|--|-----|-----|
| <i>Staphylococcus aureus</i> , all isolates       | 306 | 36  |     |     |     |  |  | 87  | 87  | 87  | 87  | 87  |     |  |  | 74 | 64  | 94 |  |  |     | 100 |  |  |  |  | 100 | 100 |
| - methicillin-susceptible                         | 265 | 31  |     |     |     |  |  | 100 | 100 | 100 | 100 | 100 |     |  |  | 75 | 71  | 96 |  |  |     | 100 |  |  |  |  | 100 | 100 |
| - methicillin-resistant (MRSA)                    | 41  | 5   |     |     |     |  |  | 0   | 0   | 0   | 0   | 0   |     |  |  | 71 | 22  | 83 |  |  |     | 100 |  |  |  |  | 100 | 100 |
| Coagulase-negative staphylococci                  | 257 | 30  |     |     |     |  |  | 42  | 42  | 42  | 42  | 42  |     |  |  | 61 | 35  | 88 |  |  |     | 81  |  |  |  |  | 99  | 99  |
| <i>Enterococcus faecalis</i>                      | 101 | 12  | 100 | 100 |     |  |  | 100 |     |     |     |     |     |  |  |    |     |    |  |  |     |     |  |  |  |  | 100 |     |
| <i>Streptococcus anginosus</i> group <sup>o</sup> | 46  | 5   |     |     | 0   |  |  |     |     |     |     |     | 100 |  |  |    |     |    |  |  |     |     |  |  |  |  | 100 |     |
| Group B streptococci <sup>**</sup>                | 45  | 5   |     |     | 100 |  |  |     |     |     |     |     |     |  |  | 51 | 51  |    |  |  |     |     |  |  |  |  | 100 |     |
| Viridans group streptococci <sup>o</sup>          | 37  | 4   |     |     |     |  |  |     |     |     |     |     | 100 |  |  |    |     |    |  |  |     |     |  |  |  |  | 100 |     |
| <i>Enterococcus faecium</i> , all isolates        | 29  | 3   | 14  | 14  |     |  |  | 14  |     |     |     |     |     |  |  |    |     |    |  |  |     |     |  |  |  |  | 79  |     |
| - vancomycin-susceptible                          | 23  | 3   | 18  | 18  |     |  |  | 18  |     |     |     |     |     |  |  |    |     |    |  |  |     |     |  |  |  |  | 100 |     |
| - vancomycin-resistant (VRE)                      | 6   | 1   | 0   | 0   |     |  |  | 0   |     |     |     |     |     |  |  |    |     |    |  |  |     |     |  |  |  |  | 0   | 100 |
| Group A streptococci <sup>**</sup>                | 8   | 1   |     |     | 100 |  |  |     |     |     |     |     |     |  |  |    |     |    |  |  | 100 | 100 |  |  |  |  | 100 |     |
| Group G streptococci <sup>**</sup>                | 5   | 1   |     |     | 100 |  |  |     |     |     |     |     |     |  |  |    |     |    |  |  | 60  | 60  |  |  |  |  | 100 |     |
| <i>Mycobacterium tuberculosis</i> complex         | 5   | 1   |     |     |     |  |  |     |     |     |     |     |     |  |  |    |     |    |  |  |     |     |  |  |  |  |     |     |
| <i>Streptococcus pneumoniae</i>                   | 5   | 1   |     |     |     |  |  | 67  | 67  |     |     |     |     |  |  | 67 | 100 |    |  |  | 100 | 80  |  |  |  |  | 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> *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>o</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.

° ° *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.