

# 2024 Cumulative Antimicrobial Susceptibility Report



INPATIENT DATA

PeaceHealth Southwest Medical Center

January 1 – December 31, 2024

Dash (-) = not tested, inappropriate, or < 30 strains tested. R = intrinsically resistant.

| GRAM NEGATIVE ORGANISM       | PERCENT SUSCEPTIBLE | # Isolates Tested | Beta-lactams |                             |                         |           |             |             |          |           |             |             | Fluoro-quinolones |               | Aminoglycosides |          |            | Miscellaneous |                             |              |                               |
|------------------------------|---------------------|-------------------|--------------|-----------------------------|-------------------------|-----------|-------------|-------------|----------|-----------|-------------|-------------|-------------------|---------------|-----------------|----------|------------|---------------|-----------------------------|--------------|-------------------------------|
|                              |                     |                   | Penicillins  |                             |                         | Cephems   |             |             |          |           |             | Carbapenems |                   | Ciprofloxacin | Levofloxacin    | Amikacin | Gentamicin | Tobramycin    | Nitrofurantoin - urine only | Tetracycline | Trimethoprim/sulfamethoxazole |
|                              |                     |                   | Ampicillin   | Amoxicillin/clavulanic acid | Piperacillin/tazobactam | Cefazolin | Ceftazidime | Ceftriaxone | Cefepime | Cefoxitin | Cefpodoxime | Ertapenem   | Meropenem         |               |                 |          |            |               |                             |              |                               |
| Citrobacter freundii complex |                     | 55                | R            | R                           | -                       | R         | -           | -           | 100      | R         | -           | 98          | 100               | 87            | 84              | 97       | 96         | 96            | 89                          | 81           | 87                            |
| Enterobacter cloacae complex |                     | 121               | R            | R                           | -                       | R         | -           | -           | 91       | R         | 61          | 90          | 100               | 95            | 95              | 100      | 99         | 98            | 36                          | 88           | 93                            |
| Escherichia coli             |                     | 1618              | 59           | 88                          | 96                      | 85        | 96          | 91          | 96       | 94        | 88          | 100         | 100               | 79            | 75              | 100      | 92         | 93            | 96                          | 80           | 81                            |
| Klebsiella aerogenes         |                     | 61                | R            | R                           | -                       | R         | -           | -           | 100      | R         | -           | 95          | 100               | 97            | 95              | 100      | 100        | 100           | 5                           | 98           | 100                           |
| Klebsiella oxytoca           |                     | 90                | R            | 96                          | 97                      | -         | 98          | 96          | 97       | 99        | 91          | 100         | 100               | 96            | 99              | 100      | 96         | 94            | 100                         | 92           | 96                            |
| Klebsiella pneumoniae        |                     | 402               | R            | 93                          | 93                      | 85        | 91          | 88          | 94       | 96        | 88          | 100         | 100               | 89            | 86              | 100      | 95         | 94            | 29                          | 85           | 89                            |
| Morganella morganii          |                     | 34                | R            | R                           | 100                     | R         | -           | -           | -        | 45        | -           | 100         | 100               | 74            | 74              | -        | -          | 94            | R                           | -            | 87                            |
| Proteus mirabilis            |                     | 237               | 73           | 100                         | 100                     | 98        | 99          | 98          | 98       | 93        | 98          | 100         | 100               | 77            | 78              | 100      | 92         | 95            | R                           | R            | 74                            |
| Pseudomonas aeruginosa       |                     | 290               | R            | R                           | 90                      | -         | 94          | R           | 97       | -         | -           | R           | 99                | 89            | 82              | 99       | -          | 100           | -                           | R            | R                             |
| Serratia marcescens          |                     | 65                | R            | R                           | 92                      | R         | 100         | 92          | 100      | R         | -           | 100         | 100               | 86            | 86              | 100      | 100        | 94            | R                           | 55           | 100                           |
| Stenotrophomonas maltophilia |                     | 42                | R            | R                           | R                       | -         | -           | R           | -        | -         | -           | -           | R                 | -             | 93              | R        | R          | R             | -                           | R            | 95                            |

NOTE: Third generation cephalosporins and piperacillin/tazobactam are unreliable for systemic infections with AmpC producing organisms (*E. cloacae*, *K. aerogenes*, or *C. freundii*), regardless of susceptibility data, due to the development of induced resistance on treatment.

*Haemophilus influenzae* beta lactamase positive: 16.4% (n=79)

Note: It is recommended that susceptibility data only be reported when there are at least 30 clinical isolates in the data set.

This antibiogram was created in compliance with CLSI M39-A4 Analysis and Presentation of Cumulative Antimicrobial Susceptibility Test Data; Approved Guideline, 4<sup>th</sup> Edition, January 2014.

# 2024 Cumulative Antimicrobial Susceptibility Report



INPATIENT DATA

PeaceHealth Southwest Medical Center

January 1 – December 31, 2024

Dash (-) = not tested, inappropriate, or < 30 strains tested. R = intrinsically resistant.

| GRAM POSITIVE ORGANISM<br><br>PERCENT SUSCEPTIBLE | # Isolates Tested | Beta lactams               |           |            |           |             | Fluoro-quinolones |              | Amino-glycosides   |                      | Miscellaneous |            |              |             |                             |          |              |                               |            |
|---------------------------------------------------|-------------------|----------------------------|-----------|------------|-----------|-------------|-------------------|--------------|--------------------|----------------------|---------------|------------|--------------|-------------|-----------------------------|----------|--------------|-------------------------------|------------|
|                                                   |                   | Penicillins/Cephalosporins |           |            |           |             |                   |              |                    |                      |               |            |              |             |                             |          |              |                               |            |
|                                                   |                   | Penicillin                 | Oxacillin | Ampicillin | Cefazolin | Ceftriaxone | Ciprofloxacin     | Levofloxacin | Gentamicin Synergy | Streptomycin Synergy | Clindamycin   | Daptomycin | Erythromycin | Minocycline | Nitrofurantoin - urine only | Rifampin | Tetracycline | Trimethoprim/sulfamethoxazole | Vancomycin |
| Enterococcus faecalis                             | 349               | -                          | -         | 100        | R         | R           | -                 | -            | 84                 | 94                   | R             | -          | -            | -           | 100                         | -        | -            | R                             | 99         |
| Enterococcus faecium                              | 37                | -                          | -         | 32         | R         | R           | -                 | -            | 93                 | 48                   | R             | -          | -            | -           | -                           | -        | -            | R                             | 78         |
| Staphylococcus aureus , MRSA                      | 359               | -                          | 0         | -          | 0         | -           | -                 | -            | -                  | -                    | 82            | 100        | -            | 100         | -                           | 100      | 65           | 100                           | 100        |
| Staphylococcus aureus , MSSA                      | 718               | -                          | 100       | -          | 100       | -           | -                 | -            | -                  | -                    | 86            | -          | -            | 100         | 100                         | -        | 93           | 100                           | -          |
| Staphylococcus epidermidis                        | 107               | -                          | 39        | -          | 39        | -           | -                 | -            | -                  | -                    | 67            | -          | -            | 100         | -                           | -        | 73           | 64                            | 100        |
| Staphylococcus lugdunensis                        | 64                | -                          | 91        | -          | 91        | -           | -                 | -            | -                  | -                    | 88            | -          | -            | 100         | -                           | -        | 98           | 100                           | 100        |
| Streptococcus agalactiae (Group B)                | 100               | 100                        | -         | -          | 100       | 100         | -                 | -            | -                  | -                    | 60            | -          | 55           | -           | -                           | -        | -            | -                             | 100        |
| Streptococcus anginosus                           | 66                | 98                         | -         | -          | -         | 100         | -                 | -            | -                  | -                    | -             | -          | -            | -           | -                           | -        | -            | -                             | 100        |
| Streptococcus constellatus                        | 38                | 100                        | -         | -          | -         | 100         | -                 | -            | -                  | -                    | -             | -          | -            | -           | -                           | -        | -            | -                             | 100        |
| Streptococcus mitis/oralis                        | 32                | 75                         | -         | -          | -         | 97          | -                 | -            | -                  | -                    | -             | -          | -            | -           | -                           | -        | -            | -                             | 100        |
| Streptococcus pneumoniae                          | 126               | 100*                       | -         | -          | -         | 100*        | -                 | 100          | -                  | -                    | -             | -          | 78           | -           | -                           | -        | 91           | -                             | -          |
| Streptococcus pyogenes (Group A)                  | 125               | 100                        | -         | -          | 100       | 100         | -                 | -            | -                  | -                    | 71            | -          | 70           | -           | -                           | -        | -            | -                             | 100        |

\*Non-meningitis breakpoint

Note: It is recommended that susceptibility data only be reported when there are at least 30 clinical isolates in the data set.

This antibiogram was created in compliance with CLSI M39-A4 Analysis and Presentation of Cumulative Antimicrobial Susceptibility Test Data; Approved Guideline, 4<sup>th</sup> Edition, January 2014.