



GRAM POSITIVE ORGANISMS

| | N | Penicillin* | Ampicillin/ Amoxicillin/ | Amoxicillin/ Clavulanate | Cefazolin/ Cephalexin | Cloxacillin† | Ceftriaxone | Doxycycline | Macrolides | Clindamycin | Trimethoprim- Sulfamethoxazole | Moxifloxacin | Vancomycin |
|--|-------------------|-------------|-----------------------------|-----------------------------|--------------------------|--------------|-------------|-------------|------------|-------------|-----------------------------------|--------------|------------|
| <i>Staphylococcus aureus</i> (all) | 577 | | | 81 | 81 | | 99 | 69 | 78 | 90 | 79 | 100 | |
| methicillin-susceptible | 437 | | | 100 | 100 | | 99 | 76 | 78 | 93 | 89 | 100 | |
| methicillin-resistant | 104 | | | 0 | 0 | | 100 | 38 | 60 | 74 | 40 | 100 | |
| <i>Staphylococcus lugdunensis</i> | 479 ^R | | | 96 | 96 | | 100 | 92 | 92 | 100 | 99 | 100 | |
| <i>Staphylococcus epidermidis</i> | 329 ^R | | | 38 | 38 | | 90 | 38 | 60 | 59 | 68 | 100 | |
| All CoNS | 1113 ^R | | | 68 | 68 | | 95 | 64 | 74 | 80 | 82 | 100 | |
| Viridans group <i>Streptococcus</i> | 414 ^R | 93 | | | | 100 | 74 | 75 | 83 | | 99 | 100 | |
| <i>Streptococcus pneumoniae</i> (non-meningitis) | 140 ^R | 99 | 99 | | | 100 | 50 | 63 | | | 100 | 100 | |
| <i>Streptococcus pneumoniae</i> (meningitis) | 40 ^R | 50 | | | | 100 | | | | | | | |
| <i>Streptococcus pyogenes</i> (GAS) | 441 ^R | 100 | | 100 | 100 | 100 | 62 | 75 | 75 | | 99 | 100 | |
| <i>Streptococcus agalactiae</i> (GBS) | 345 ^R | 100 | | 100 | 100 | 100 | 27 | 58 | 57 | | 97 | 100 | |
| <i>Enterococcus faecalis</i> | 298 | | 100 | | | | 62 | | | | | 99 | |
| <i>Enterococcus faecium</i> | 506 ^R | | 12 | | | | 76 | | | | | 44 | |
| vancomycin-susceptible <i>E. faecium</i> | 235 ^R | | 23 | | | | 72 | | | | | 100 | |
| vancomycin-resistant <i>E. faecium</i> | 290 ^R | | 3 | | | | 80 | | | | | 0 | |

* penicillin predicts all beta lactams for streptococci †= ampicillin predicts piperacillin and imipenem for Enterococci

R=regional data ‡ cloxacillin predicts amoxicillin-clavulanate, piperacillin-tazobactam and carbapenems for Staphylococci

GRAM NEGATIVE ORGANISMS

| | N | Amoxicillin/ Ampicillin | Amoxicillin- Clavulanate | Cefazolin* | Ceftriaxone | Ceftazidime | Trimethoprim- Sulfamethoxazole | Ciprofloxacin | Gentamicin | Piperacillin- Tazobactam | Meropenem | Nitrofurantoin (urine) |
|--|------------------|----------------------------|-----------------------------|------------|-------------|-------------|-----------------------------------|---------------|------------|-----------------------------|-----------|---------------------------|
| <i>Escherichia coli</i> | 870 | 56 | 87 | 82 | 86 | | 80 | 71 | 91 | 99 | 100 | 98 |
| <i>Klebsiella pneumoniae</i> | 157 | 0 | 92 | 86 | 89 | | 86 | 83 | 95 | 94 | 96 | 51 |
| <i>Klebsiella oxytoca</i> | 359 ^R | 0 | 82 | 76 | 84 | 87 | 87 | 92 | 95 | 85 | 96 | 86 |
| <i>Proteus mirabilis</i> | 627 ^R | 78 | 96 | 53 | 97 | 99 | 82 | 83 | 89 | 99 | 99 | 0 |
| <i>Enterobacter cloacae</i> | 279 ^R | 0 | 0 | 0 | 51 | 54 | 86 | 91 | 96 | 62 | 95 | 16 |
| <i>Klebsiella aerogenes</i> (prev. <i>Enterobacter</i>) | 210 ^R | 0 | 0 | 0 | 72 | 73 | 97 | 94 | 100 | 75 | 98 | 20 |
| <i>Serratia marcescens</i> | 204 ^R | 0 | 0 | 0 | 95 | 99 | 99 | 94 | 98 | 99 | 98 | 0 |
| <i>Morganella morganii</i> | 161 ^R | 0 | 0 | 0 | 89 | 90 | 82 | 78 | 90 | 99 | 98 | 0 |
| <i>Citrobacter freundii</i> | 172 | 0 | 0 | 0 | 56 | 56 | 81 | 80 | 85 | 74 | 94 | 93 |
| <i>Citrobacter koseri</i> | 138 ^R | 0 | 98 | 91 | 99 | 99 | 99 | 100 | 100 | 100 | 100 | 36 |
| <i>Pseudomonas aeruginosa</i> | 116 | | | | | 88 | | 83 | 95 | 94 | 96 | |
| <i>Acinetobacter</i> spp. | 301 ^R | | | | | 82 | 94 | 98 | 96 | 96 | 97 | |
| <i>calcoaceticus-baumannii</i> complex | 138 ^R | | | | | 84 | 93 | 97 | 93 | 94 | 96 | |
| NON- <i>calcoaceticus baumannii</i> -complex | 163 ^R | | | | | 81 | 94 | 99 | 98 | 97 | 97 | |

R= regional data *cefazolin predicts ceftriaxone if not reported