

Table 5a. Distribution of MICs and Occurrence of Resistance by Top Serotypes Tested from Chicken, 2005

| Antimicrobial | Isolate Source (# of Isolates) | %I ¹ | %R ² | 95% CI ³ | Distribution (%) of MICs (µg/ml) ⁴ | | | | | | | | | | | | | | | |
|------------------------|-----------------------------------|-----------------|-----------------|---------------------|---|------|------|-------|------|------|------|------|------|-----|------|------------|-------------|------------|------------|------------|
| | | | | | 0.015 | 0.03 | 0.06 | 0.125 | 0.25 | 0.50 | 1 | 2 | 4 | 8 | 16 | 32 | 64 | 128 | 256 | 512 |
| Aminoglycosides | | | | | | | | | | | | | | | | | | | | |
| Amikacin | Kentucky (919) | 0.0 | 0 | 0.0-0.5 | | | | | | | 21.9 | 62.8 | 13.8 | 1.5 | | | | | | |
| | Heidelberg (283) | 0.0 | 0 | 0.0-1.7 | | | | | | | 27.9 | 61.5 | 10.2 | 0.4 | | | | | | |
| | Enteritidis (173) | 0.0 | 0 | 0.0-2.7 | | | | | | | 38.2 | 54.3 | 6.9 | 0.6 | | | | | | |
| | 4,[5],12:i:- (102) | 0.0 | 0 | 0.0-4.5 | | | | | | | 1 | 79.4 | 18.6 | 1 | | | | | | |
| | Typhimurium var. 5- (100) | 0.0 | 0 | 0.0-4.6 | | | | | | | 31 | 54 | 14 | 1 | | | | | | |
| | Typhimurium (83) | 0.0 | 0 | 0.0-5.5 | | | | | | | 8.4 | 77.1 | 13.3 | 1.2 | | | | | | |
| | Montevideo (62) | 0.0 | 0 | 0.0-7.3 | | | | | | | | 62.9 | 30.6 | 6.5 | | | | | | |
| | Schwarzengrund (51) | 0.0 | 0 | 0.0-8.7 | | | | | | | | 72.5 | 21.6 | 5.9 | | | | | | |
| | Thompson (23) | 0.0 | 0 | 0.0-17.8 | | | | | | | 21.7 | 60.9 | 17.4 | | | | | | | |
| Mbandaka (20) | 0.0 | 0 | 0.0-20.0 | | | | | | | 5 | 50 | 40 | 5 | | | | | | | |
| Gentamicin | Kentucky (919) | 0.1 | 1.4 | 0.8-2.5 | | | | | | | 73.3 | 24.4 | 0.8 | | | | | | | |
| | Heidelberg (283) | 1.1 | 9.2 | 6.2-13.3 | | | | | | | 75.3 | 13.8 | | 0.7 | | | | | | |
| | Enteritidis (173) | 0.0 | 0 | 0.0-2.7 | | | | | | | 90.8 | 9.2 | | | | | | | | |
| | 4,[5],12:i:- (102) | 0.0 | 9.8 | 5.1-17.7 | | | | | | | 61.8 | 26.5 | 2 | | | 7.8 | 2 | | | |
| | Typhimurium var. 5- (100) | 2.0 | 3 | 0.8-9.2 | | | | | | | 71 | 24 | | | | | | | | |
| | Typhimurium (83) | 0.0 | 6 | 2.2-14.1 | | | | | | | 60.2 | 30.1 | 2.4 | 1.2 | | | | | | |
| | Montevideo (62) | 0.0 | 11.3 | 5.0-22.5 | | | | | | | 45.2 | 41.9 | 1.6 | | | | | | | |
| | Schwarzengrund (51) | 2.0 | 3.9 | 0.7-14.6 | | | | | | | 39.2 | 52.9 | 2 | | | | | | | |
| | Thompson (23) | 0.0 | 4.3 | 0.2-23.9 | | | | | | | 87 | 8.7 | | | | | | | | |
| Mbandaka (20) | 0.0 | 20 | 6.6-44.3 | | | | | | | 55 | 25 | | | | | | | | | |
| Kanamycin | Kentucky (919) | 0.0 | 0.5 | 0.2-1.3 | | | | | | | | | | | 99.2 | 0.2 | | | | 0.5 |
| | Heidelberg (283) | 0.0 | 6.7 | 4.2-10.4 | | | | | | | | | | | 92.9 | 0.4 | | | 2.5 | 4.2 |
| | Enteritidis (173) | 0.0 | 0 | 0.0-2.7 | | | | | | | | | | | 100 | | | | | |
| | 4,[5],12:i:- (102) | 0.0 | 0 | 0.0-4.5 | | | | | | | | | | | 99 | 1 | | | | |
| | Typhimurium var. 5- (100) | 0.0 | 12 | 6.6-20.4 | | | | | | | | | | | 88 | | | | 12 | |
| | Typhimurium (83) | 0.0 | 2.4 | 0.4-9.2 | | | | | | | | | | | 97.6 | | | | 2.4 | |
| | Montevideo (62) | 0.0 | 8.1 | 3.0-18.6 | | | | | | | | | | | 91.9 | | | 3.2 | 4.8 | |
| | Schwarzengrund (51) | 0.0 | 0 | 0.0-8.7 | | | | | | | | | | | 98 | 2 | | | | |
| | Thompson (23) | 0.0 | 0 | 0.0-17.8 | | | | | | | | | | | 100 | | | | | |
| Mbandaka (20) | 0.0 | 0 | 0.0-20.0 | | | | | | | | | | | 100 | | | | | | |
| Streptomycin | Kentucky (919) | 0.0 | 36.3 | 33.2-39.5 | | | | | | | | | | | | 63.7 | 29.7 | 6.6 | | |
| | Heidelberg (283) | 0.0 | 15.5 | 11.6-20.4 | | | | | | | | | | | | 84.5 | 7.8 | 7.8 | | |
| | Enteritidis (173) | 0.0 | 0.6 | 0-3.7 | | | | | | | | | | | | 99.4 | 0.6 | | | |
| | 4,[5],12:i:- (102) | 0.0 | 9.8 | 5.1-17.7 | | | | | | | | | | | | 90.2 | 8.8 | 1 | | |
| | Typhimurium var. 5- (100) | 0.0 | 15 | 8.9-23.9 | | | | | | | | | | | | 85 | 13 | 2 | | |
| | Typhimurium (83) | 0.0 | 12 | 6.2-21.4 | | | | | | | | | | | | 88 | 6 | 6 | | |
| | Montevideo (62) | 0.0 | 9.7 | 4.0-20.6 | | | | | | | | | | | | 90.3 | 6.5 | 3.2 | | |
| | Schwarzengrund (51) | 0.0 | 3.9 | 0.7-14.6 | | | | | | | | | | | | 96.1 | | 3.9 | | |
| | Thompson (23) | 0.0 | 8.7 | 1.5-29.5 | | | | | | | | | | | | 91.3 | 4.3 | 4.3 | | |
| Mbandaka (20) | 0.0 | 20 | 6.6-44.3 | | | | | | | | | | | | 80 | 15 | 5 | | | |

¹ Percent of isolates with intermediate susceptibility

² Percent of isolates that were resistant

³ 95% confidence intervals for percent resistant (%R) were calculated using the Clopper-Pearson exact method

⁴ The unshaded areas indicate the range of dilutions tested for each antimicrobial. Single vertical bars indicate the breakpoints for susceptibility, while double vertical bars indicate the breakpoints for resistance. Numbers in the shaded area indicate the percentages of isolates with MICs greater than the highest tested concentrations. Numbers listed for the lowest tested concentrations represent the percentages of isolates with MICs equal to or less than the lowest tested concentration. CLSI breakpoints were used when available. There are no CLSI breakpoints for streptomycin.

Table 5b. Distribution of MICs and Occurrence of Resistance by Top Serotypes Tested from Chicken, 2005

| Antimicrobial | Isolate Source (# of Isolates) | %I ¹ | %R ² | 95% CI ³ | Distribution (%) of MICs (µg/ml) ⁴ | | | | | | | | | | | | | | | |
|--|-----------------------------------|-----------------|-----------------|---------------------|---|------|------|-------|------|------|------|------|------|------|-----|------|------------|-----|-----|-------------|
| | | | | | 0.015 | 0.03 | 0.06 | 0.125 | 0.25 | 0.50 | 1 | 2 | 4 | 8 | 16 | 32 | 64 | 128 | 256 | 512 |
| Aminopenicillins | | | | | | | | | | | | | | | | | | | | |
| Ampicillin | Kentucky (919) | 0.1 | 14.4 | 12.2-16.9 | | | | | | | 71.5 | 13.7 | 0.2 | 0.1 | 0.1 | | | | | |
| | Heidelberg (283) | 0.0 | 25.1 | 20.2-30.6 | | | | | | | 54.4 | 19.1 | 0.7 | 0.7 | | | 0.4 | | | 14.4 |
| | Enteritidis (173) | 0.6 | 1.2 | 0.2-4.6 | | | | | | | 67.1 | 29.5 | 1.7 | | 0.6 | | 0.6 | | | 24.7 |
| | 4,[5],12:i:- (102) | 0.0 | 8.8 | 4.4-16.5 | | | | | | | 71.6 | 19.6 | | | | | | | | 0.6 |
| | Typhimurium var. 5- (100) | 0.0 | 38 | 28.6-48.3 | | | | | | | 51 | 10 | 1 | | | | | | | 8.8 |
| | Typhimurium (83) | 0.0 | 13.3 | 7.2-22.9 | | | | | | | 69.9 | 16.9 | | | | | | | | 38 |
| | Montevideo (62) | 0.0 | 1.6 | 0.1-9.8 | | | | | | | 87.1 | 11.3 | | | | | | | | 13.3 |
| | Schwarzengrund (51) | 2.0 | 3.9 | 0.7-14.6 | | | | | | | 60.8 | 33.3 | | | 2 | | | | | 1.6 |
| | Thompson (23) | 0.0 | 4.3 | 0.2-23.9 | | | | | | | 87 | 8.7 | | | | | | | | 3.9 |
| | Mbandaka (20) | 0.0 | 0 | 0.0-20.0 | | | | | | | 90 | 10 | | | | | | | | 4.3 |
| β-Lactam/β-Lactamase Inhibitor Combinations | | | | | | | | | | | | | | | | | | | | |
| Amoxicillin-Clavulanic Acid | Kentucky (919) | 0.2 | 13.5 | 11.4-15.9 | | | | | | | 82.7 | 2.6 | 0.2 | 0.8 | 0.2 | | 0.4 | | | 13.1 |
| | Heidelberg (283) | 2.5 | 21.9 | 17.3-27.3 | | | | | | | 73.1 | 1.1 | 0.7 | 0.7 | 2.5 | | | | | 21.9 |
| | Enteritidis (173) | 0.0 | 0.6 | 0-3.7 | | | | | | | 96 | 2.9 | | 0.6 | | | 0.6 | | | |
| | 4,[5],12:i:- (102) | 0.0 | 5.9 | 2.4-12.9 | | | | | | | 90.2 | 1 | 1 | 2 | | | | | | 5.9 |
| | Typhimurium var. 5- (100) | 9.0 | 27 | 18.8-37.0 | | | | | | | 60 | 2 | | 2 | 9 | | | | | 27 |
| | Typhimurium (83) | 2.4 | 10.8 | 5.4-20.0 | | | | | | | 84.3 | 2.4 | | | 2.4 | | | | | 10.8 |
| | Montevideo (62) | 0.0 | 0 | 0.0-7.3 | | | | | | | 95.2 | 3.2 | | 1.6 | | | | | | |
| | Schwarzengrund (51) | 0.0 | 3.9 | 0.7-14.6 | | | | | | | 84.3 | 9.8 | | 2 | | | | | | 3.9 |
| | Thompson (23) | 0.0 | 4.3 | 0.2-23.9 | | | | | | | 95.7 | | | | | | | | | 4.3 |
| | Mbandaka (20) | 0.0 | 0 | 0.0-20.0 | | | | | | | 100 | | | | | | | | | |
| Cephalosporins | | | | | | | | | | | | | | | | | | | | |
| Ceftiofur | Kentucky (919) | 0.1 | 13.5 | 11.4-15.9 | | | | | | | | 3.7 | 75.1 | 7.6 | | 0.1 | 0.4 | | | 13.1 |
| | Heidelberg (283) | 0.0 | 21.9 | 17.3-27.3 | | | | | | | | 0.4 | 72.8 | 4.9 | | | 0.7 | | | 21.2 |
| | Enteritidis (173) | 1.2 | 1.2 | 0.2-4.6 | | | | | | | | | 61.3 | 35.3 | 1.2 | 1.2 | 0.6 | | | 0.6 |
| | 4,[5],12:i:- (102) | 0.0 | 5.9 | 2.4-12.9 | | | | | | | | | 2 | 89.2 | 2.9 | | | | | 5.9 |
| | Typhimurium var. 5- (100) | 0.0 | 27 | 18.8-37.0 | | | | | | | | | | 65 | 8 | | 2 | | | 25 |
| | Typhimurium (83) | 0.0 | 10.8 | 5.4-20.0 | | | | | | | 2.4 | | | 78.3 | 8.4 | | | | | 10.8 |
| | Montevideo (62) | 0.0 | 0 | 0.0-7.3 | | | | | | | | | | 96.8 | 3.2 | | | | | |
| | Schwarzengrund (51) | 0.0 | 3.9 | 0.7-14.6 | | | | | | | | | | 90.2 | 3.9 | 2 | | | | 3.9 |
| | Thompson (23) | 0.0 | 4.3 | 0.2-23.9 | | | | | | | | | | 95.7 | | | | | | 4.3 |
| | Mbandaka (20) | 0.0 | 0 | 0.0-20.0 | | | | | | | 5 | | | 55 | 40 | | | | | |
| Ceftriaxone | Kentucky (919) | 11.4 | 0 | 0.0-0.5 | | | | | | | 86.2 | 0.2 | | 0.1 | 2.1 | 9.9 | 1.5 | | | |
| | Heidelberg (283) | 18.7 | 1.4 | 0.4-3.8 | | | | | | | 78.1 | | | 0.4 | 1.4 | 16.6 | 2.1 | | | 1.4 |
| | Enteritidis (173) | 0.0 | 0 | 0.0-2.7 | | | | | | | 98.3 | 0.6 | 0.6 | | 0.6 | | | | | |
| | 4,[5],12:i:- (102) | 4.9 | 0 | 0.0-4.5 | | | | | | | 94.1 | | | | 1 | 4.9 | | | | |
| | Typhimurium var. 5- (100) | 26.0 | 0 | 0.0-4.6 | | | | | | | 73 | | | | 1 | 22 | 4 | | | |
| | Typhimurium (83) | 9.6 | 0 | 0.0-5.5 | | | | | | | 88 | 1.2 | | | 1.2 | 9.6 | | | | |
| | Montevideo (62) | 0.0 | 0 | 0.0-7.3 | | | | | | | 100 | | | | | | | | | |
| | Schwarzengrund (51) | 0.0 | 2 | 0.1-11.9 | | | | | | | 96.1 | | | | 2 | | | | | 2 |
| | Thompson (23) | 4.3 | 0 | 0.0-17.8 | | | | | | | 95.7 | | | | | | 4.3 | | | |
| | Mbandaka (20) | 0.0 | 0 | 0.0-20.0 | | | | | | | 100 | | | | | | | | | |

¹ Percent of isolates with intermediate susceptibility

² Percent of isolates that were resistant

³ 95% confidence intervals for percent resistant (%R) were calculated using the Clopper-Pearson exact method

⁴ The unshaded areas indicate the range of dilutions tested for each antimicrobial. Single vertical bars indicate the breakpoints for susceptibility, while double vertical bars indicate the breakpoints for resistance. Numbers in the shaded area indicate the percentages of isolates with MICs greater than the highest tested concentrations. Numbers listed for the lowest tested concentrations represent the percentages of isolates with MICs equal to or less than the lowest tested concentration. CLSI breakpoints were used when available. There are no CLSI breakpoints for streptomycin.

Table 5c. Distribution of MICs and Occurrence of Resistance by Top Serotypes Tested from Chicken, 2005

| Antimicrobial | Isolate Source (# of Isolates) | %I ¹ | %R ² | [95% CI] ³ | Distribution (%) of MICs (µg/ml) ⁴ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------------------|-----------------|-----------------|-----------------------|--|------------|------|-------|------|------|---|---|---|---|----|----|----|-----|-----|------|-------------|-------------|-----|-----|-------------|------------|------|------|-----|-----|-----|-------------|-------------|------|------|------|-----|--|------------|--|------|------|-----|--|---|------------|------------|----|----|----|---|--|-----------|-----------|------|------|-----|-----|--|------------|-------------|------|------|------|--|--|--|------------|------|------|------|------|---|----------|-------------|------|------|-----|--|--|--|------------|----|----|----|---|--|--|------------|
| | | | | | 0.015 | 0.03 | 0.06 | 0.125 | 0.25 | 0.50 | 1 | 2 | 4 | 8 | 16 | 32 | 64 | 128 | 256 | 512 | 1024 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cephamycins Cefoxitin | Kentucky (919) | 0.5 | 13.3 | 11.2-15.7 | <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>6.4</td><td>68.1</td><td>10.4</td><td>1.2</td><td>0.5</td><td>12.5</td><td>0.8</td> </tr> <tr> <td>11</td><td>59.4</td><td>6.7</td><td>0.7</td><td>0.7</td><td>15.2</td><td>6.4</td> </tr> <tr> <td>3.5</td><td>78.6</td><td>13.9</td><td>3.5</td><td></td><td>0.6</td><td></td> </tr> <tr> <td>3.9</td><td>84.3</td><td>4.9</td><td></td><td>1</td><td>5.9</td><td></td> </tr> <tr> <td>1</td><td>51</td><td>20</td><td>1</td><td></td><td>14</td><td>13</td> </tr> <tr> <td>2.4</td><td>79.5</td><td>7.2</td><td></td><td></td><td>7.2</td><td>3.6</td> </tr> <tr> <td></td><td>87.1</td><td>12.9</td><td></td><td></td><td></td><td></td> </tr> <tr> <td>2</td><td>84.3</td><td>7.8</td><td>2</td><td></td><td>2</td><td>2</td> </tr> <tr> <td>8.7</td><td>82.6</td><td>4.3</td><td></td><td></td><td></td><td>4.3</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td>100</td> </tr> </table> | | | | | | | | | | | | | | | 6.4 | 68.1 | 10.4 | 1.2 | 0.5 | 12.5 | 0.8 | 11 | 59.4 | 6.7 | 0.7 | 0.7 | 15.2 | 6.4 | 3.5 | 78.6 | 13.9 | 3.5 | | 0.6 | | 3.9 | 84.3 | 4.9 | | 1 | 5.9 | | 1 | 51 | 20 | 1 | | 14 | 13 | 2.4 | 79.5 | 7.2 | | | 7.2 | 3.6 | | 87.1 | 12.9 | | | | | 2 | 84.3 | 7.8 | 2 | | 2 | 2 | 8.7 | 82.6 | 4.3 | | | | 4.3 | | | | | | | 100 |
| | 6.4 | 68.1 | 10.4 | 1.2 | | | | | | | | | | | | | | | | 0.5 | 12.5 | 0.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 59.4 | 6.7 | 0.7 | | | | | | | | | | | | | | | | 0.7 | 15.2 | 6.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3.5 | 78.6 | 13.9 | 3.5 | | | | | | | | | | | | | | | | | 0.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3.9 | 84.3 | 4.9 | | | | | | | | | | | | | | | | | 1 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 51 | 20 | 1 | | | | | | | | | | | | | | | | | 14 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2.4 | 79.5 | 7.2 | | | | | | | | | | | | | | | | | | 7.2 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 87.1 | 12.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | 84.3 | 7.8 | 2 | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8.7 | 82.6 | 4.3 | | | | | | | | | | | | | | | | | | | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heidelberg (283) | 0.7 | 21.6 | 17.0-26.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Enteritidis (173) | 0.0 | 0.6 | 0-3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4,[5],12:i:- (102) | 1.0 | 5.9 | 2.4-12.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Typhimurium var. 5- (100) | 0.0 | 27 | 18.8-37.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Typhimurium (83) | 0.0 | 10.8 | 5.4-20.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Montevideo (62) | 0.0 | 0 | 0.0-7.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schwarzengrund (51) | 0.0 | 3.9 | 0.7-14.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thompson (23) | 0.0 | 4.3 | 0.2-23.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mbandaka (20) | 0.0 | 0 | 0.0-20.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Folate Pathway Inhibitors Sulfonamides | Kentucky (919) | 0.0 | 2.2 | 1.4-3.4 | <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>50.5</td><td>40.2</td><td>6.7</td><td>0.4</td><td></td><td></td><td>2.2</td> </tr> <tr> <td>67.5</td><td>20.8</td><td>1.1</td><td></td><td></td><td></td><td>10.6</td> </tr> <tr> <td>20.8</td><td>61.8</td><td>17.3</td><td></td><td></td><td></td><td></td> </tr> <tr> <td>25.5</td><td>54.9</td><td>8.8</td><td></td><td>1</td><td></td><td>9.8</td> </tr> <tr> <td>19</td><td>26</td><td>2</td><td></td><td></td><td></td><td>53</td> </tr> <tr> <td>36.1</td><td>39.8</td><td>6</td><td></td><td></td><td></td><td>18.1</td> </tr> <tr> <td>51.6</td><td>35.5</td><td>3.2</td><td></td><td></td><td></td><td>9.7</td> </tr> <tr> <td>15.7</td><td>37.3</td><td>21.6</td><td>11.8</td><td>2</td><td></td><td>11.8</td> </tr> <tr> <td>65.2</td><td>17.4</td><td>8.7</td><td></td><td></td><td></td><td>8.7</td> </tr> <tr> <td>5</td><td>45</td><td>20</td><td>5</td><td></td><td></td><td>25</td> </tr> </table> | | | | | | | | | | | | | | | 50.5 | 40.2 | 6.7 | 0.4 | | | 2.2 | 67.5 | 20.8 | 1.1 | | | | 10.6 | 20.8 | 61.8 | 17.3 | | | | | 25.5 | 54.9 | 8.8 | | 1 | | 9.8 | 19 | 26 | 2 | | | | 53 | 36.1 | 39.8 | 6 | | | | 18.1 | 51.6 | 35.5 | 3.2 | | | | 9.7 | 15.7 | 37.3 | 21.6 | 11.8 | 2 | | 11.8 | 65.2 | 17.4 | 8.7 | | | | 8.7 | 5 | 45 | 20 | 5 | | | 25 |
| | 50.5 | 40.2 | 6.7 | 0.4 | | | | | | | | | | | | | | | | | | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 67.5 | 20.8 | 1.1 | | | | | | | | | | | | | | | | | | | 10.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20.8 | 61.8 | 17.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25.5 | 54.9 | 8.8 | | | | | | | | | | | | | | | | | 1 | | 9.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19 | 26 | 2 | | | | | | | | | | | | | | | | | | | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 36.1 | 39.8 | 6 | | | | | | | | | | | | | | | | | | | 18.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 51.6 | 35.5 | 3.2 | | | | | | | | | | | | | | | | | | | 9.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15.7 | 37.3 | 21.6 | 11.8 | | | | | | | | | | | | | | | | 2 | | 11.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 65.2 | 17.4 | 8.7 | | | | | | | | | | | | | | | | | | | 8.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 45 | 20 | 5 | | | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heidelberg (283) | 0.0 | 10.6 | 7.4-14.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Enteritidis (173) | 0.0 | 0 | 0.0-2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4,[5],12:i:- (102) | 0.0 | 9.8 | 5.1-17.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Typhimurium var. 5- (100) | 0.0 | 53 | 42.8-63.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Typhimurium (83) | 0.0 | 18.1 | 10.8-28.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Montevideo (62) | 0.0 | 9.7 | 4.0-20.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schwarzengrund (51) | 0.0 | 11.8 | 4.9-24.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thompson (23) | 0.0 | 8.7 | 1.5-29.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mbandaka (20) | 0.0 | 25 | 9.6-49.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trimethoprim-Sulfamethoxazole | Kentucky (919) | 0.0 | 0 | 0.0-0.5 | <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>82.4</td><td>17.4</td><td>0.1</td><td>0.1</td><td></td><td></td><td></td> </tr> <tr> <td>73.5</td><td>25.1</td><td>0.4</td><td>0.4</td><td>0.4</td><td></td><td>0.4</td> </tr> <tr> <td>75.7</td><td>24.3</td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>79.4</td><td>20.6</td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>52</td><td>45</td><td>3</td><td></td><td></td><td></td><td></td> </tr> <tr> <td>72.3</td><td>24.1</td><td>2.4</td><td>1.2</td><td></td><td></td><td></td> </tr> <tr> <td>74.2</td><td>24.2</td><td>1.6</td><td></td><td></td><td></td><td></td> </tr> <tr> <td>62.7</td><td>37.3</td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>91.3</td><td>4.3</td><td></td><td></td><td></td><td></td><td>4.3</td> </tr> <tr> <td>80</td><td>15</td><td></td><td></td><td></td><td></td><td>5</td> </tr> </table> | | | | | | | | | | | | | | | 82.4 | 17.4 | 0.1 | 0.1 | | | | 73.5 | 25.1 | 0.4 | 0.4 | 0.4 | | 0.4 | 75.7 | 24.3 | | | | | | 79.4 | 20.6 | | | | | | 52 | 45 | 3 | | | | | 72.3 | 24.1 | 2.4 | 1.2 | | | | 74.2 | 24.2 | 1.6 | | | | | 62.7 | 37.3 | | | | | | 91.3 | 4.3 | | | | | 4.3 | 80 | 15 | | | | | 5 |
| | 82.4 | 17.4 | 0.1 | 0.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 73.5 | 25.1 | 0.4 | 0.4 | | | | | | | | | | | | | | | | 0.4 | | 0.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 75.7 | 24.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 79.4 | 20.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 52 | 45 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 72.3 | 24.1 | 2.4 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 74.2 | 24.2 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 62.7 | 37.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 91.3 | 4.3 | | | | | | | | | | | | | | | | | | | | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 15 | | | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heidelberg (283) | 0.0 | 0.4 | 0-2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Enteritidis (173) | 0.0 | 0 | 0.0-2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4,[5],12:i:- (102) | 0.0 | 0 | 0.0-4.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Typhimurium var. 5- (100) | 0.0 | 0 | 0.0-4.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Typhimurium (83) | 0.0 | 0 | 0.0-5.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Montevideo (62) | 0.0 | 0 | 0.0-7.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schwarzengrund (51) | 0.0 | 0 | 0.0-8.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thompson (23) | 0.0 | 4.3 | 0.2-23.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mbandaka (20) | 0.0 | 5 | 0.3-26.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

¹ Percent of isolates with intermediate susceptibility

² Percent of isolates that were resistant

³ 95% confidence intervals for percent resistant (%R) were calculated using the Clopper-Pearson exact method

⁴ The unshaded areas indicate the range of dilutions tested for each antimicrobial. Single vertical bars indicate the breakpoints for susceptibility, while double vertical bars indicate the breakpoints for resistance. Numbers in the shaded area indicate the percentages of isolates with MICs greater than the highest tested concentrations. Numbers listed for the lowest tested concentrations represent the percentages of isolates with MICs equal to or less than the lowest tested concentration. CLSI breakpoints were used when available. There are no CLSI breakpoints for streptomycin.

Table 5d. Distribution of MICs and Occurrence of Resistance by Top Serotypes Tested from Chicken, 2005

| Antimicrobial | Isolate Source (# of Isolates) | %I ¹ | %R ² | [95% CI] ³ | Distribution (%) of MICs (µg/ml) ⁴ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-----------------------------------|-----------------|-----------------|-----------------------|---|------|------|-------|------|------|---|---|---|---|----|-----|------|------|----------|----------|------|------|-----|--|--|--|-----|--|--|--|--|------|------|------------|------------|-------------|-------------|-----------|------------|--|--|--|--|
| | | | | | 0.015 | 0.03 | 0.06 | 0.125 | 0.25 | 0.50 | 1 | 2 | 4 | 8 | 16 | 32 | 64 | 128 | 256 | 512 | 1024 | | | | | | | | | | | | | | | | | | | | | | |
| Phenicol | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chloramphenicol | Kentucky (919) | 0.1 | 0.5 | 0.2-1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8.1 | 76.5 | 14.8 | 0.1 | 0.1 | 0.4 | | | | | | |
| | Heidelberg (283) | 1.8 | 3.2 | 1.6-6.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23.7 | 71.4 | 1.8 | | | 3.2 | | | | |
| | Enteritidis (173) | 0.6 | 0.6 | 0-3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 37.6 | 61.3 | 0.6 | 0.6 | | | | | | |
| | 4,[5],12:i:- (102) | 0.0 | 0 | 0.0-4.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | 52 | | | | | | | | |
| | Typhimurium var. 5- (100) | 0.0 | 10 | 5.2-18.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 | 57 | | | | | | | | |
| | Typhimurium (83) | 0.0 | 6 | 2.2-14.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.4 | 33.7 | 57.8 | | | | | | | | | |
| | Montevideo (62) | 0.0 | 1.6 | 0.1-9.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17.7 | 80.6 | | | | | | | | |
| | Schwarzengrund (51) | 0.0 | 2 | 0.1-11.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 37.3 | 60.8 | 2 | | | | | | | |
| | Thompson (23) | 0.0 | 4.3 | 0.2-23.9 | | | | | | | | | | | | | | 69.6 | 26.1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mbandaka (20) | 5.0 | 0 | 0.0-20.0 | | | | | | | | | | | | | | 30 | 65 | 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| Quinolones | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ciprofloxacin | Kentucky (919) | 0.0 | 0 | 0.0-0.5 | | | | | | | | | | | | | | | | | 99.1 | 0.8 | | | | | 0.1 | | | | | | | | | | | | | | | | |
| | Heidelberg (283) | 0.0 | 0 | 0.0-1.7 | | | | | | | | | | | | | | | | | 96.5 | 3.5 | | | | | | | | | | | | | | | | | | | | | |
| | Enteritidis (173) | 0.0 | 0 | 0.0-2.7 | | | | | | | | | | | | | | | | | 82.7 | 16.8 | | | | | 0.6 | | | | | | | | | | | | | | | | |
| | 4,[5],12:i:- (102) | 0.0 | 0 | 0.0-4.5 | | | | | | | | | | | | | | | | | 98 | 2 | | | | | | | | | | | | | | | | | | | | | |
| | Typhimurium var. 5- (100) | 0.0 | 0 | 0.0-4.6 | | | | | | | | | | | | | | | | | 94 | 5 | | | | | 1 | | | | | | | | | | | | | | | | |
| | Typhimurium (83) | 0.0 | 0 | 0.0-5.5 | | | | | | | | | | | | | | | | | 95.2 | 3.6 | 1.2 | | | | | | | | | | | | | | | | | | | | |
| | Montevideo (62) | 0.0 | 0 | 0.0-7.3 | | | | | | | | | | | | | | | | | 91.9 | 3.2 | 4.8 | | | | | | | | | | | | | | | | | | | | |
| | Schwarzengrund (51) | 0.0 | 0 | 0.0-8.7 | | | | | | | | | | | | | | | | | 100 | | | | | | | | | | | | | | | | | | | | | | |
| | Thompson (23) | 0.0 | 0 | 0.0-17.8 | 95.7 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mbandaka (20) | 0.0 | 0 | 0.0-20.0 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nalidixic Acid | Kentucky (919) | 0.0 | 0 | 0.0-0.5 | | | | | | | | | | | | 0.3 | 73.6 | 25.5 | 0.5 | 0.1 | | | | | | | | | | | | | | | | | | | | | | | |
| | Heidelberg (283) | 0.0 | 0 | 0.0-1.7 | | | | | | | | | | | | | | 2.8 | 95.8 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | |
| | Enteritidis (173) | 0.0 | 0.6 | 0-3.7 | | | | | | | | | | | | | | 5.8 | 85 | 8.7 | | | | | | | | | | | | | | | | | | | | | | | |
| | 4,[5],12:i:- (102) | 0.0 | 0 | 0.0-4.5 | | | | | | | | | | | | | | 15.7 | 84.3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | Typhimurium var. 5- (100) | 0.0 | 1 | 0.1-6.2 | | | | | | | | | | | | | | 9 | 90 | | | | | | | | | | | | | | | | | | | | | | | | |
| | Typhimurium (83) | 0.0 | 1.2 | 0.1-7.5 | | | | | | | | | | | | | | 12 | 85.5 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | |
| | Montevideo (62) | 0.0 | 4.8 | 1.2-14.3 | | | | | | | | | | | | | | 3.2 | 91.9 | | | | | | | | | | | | | | | | | | | | | | | | |
| | Schwarzengrund (51) | 0.0 | 0 | 0.0-8.7 | | | | | | | | | | | | | | 7.8 | 92.2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | Thompson (23) | 0.0 | 0 | 0.0-17.8 | | | | | | | | | | | | | | 8.7 | 91.3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mbandaka (20) | 0.0 | 0 | 0.0-20.0 | | | | | | | | | | | | | | 65 | 35 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tetracyclines | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tetracycline | Kentucky (919) | 0.5 | 43.9 | 40.7-47.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 55.6 | 0.5 | 0.1 | 0.5 | 43.2 | | | | | | | |
| | Heidelberg (283) | 0.0 | 14.5 | 10.7-19.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 85.5 | | 1.4 | 13.1 | | | | | | |
| | Enteritidis (173) | 1.2 | 0.6 | 0-3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 98.3 | 1.2 | | | | | | | | |
| | 4,[5],12:i:- (102) | 0.0 | 4.9 | 1.8-11.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 95.1 | | | | | | | | | |
| | Typhimurium var. 5- (100) | 0.0 | 50 | 39.9-60.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | 1 | 9 | 40 | | | | | |
| | Typhimurium (83) | 0.0 | 15.7 | 9.0-25.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 84.3 | | 1.2 | 2.4 | 12 | | | | | |
| | Montevideo (62) | 0.0 | 4.8 | 1.2-14.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 95.2 | | 1.6 | 3.2 | | | | | | |
| | Schwarzengrund (51) | 0.0 | 5.9 | 1.5-17.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 94.1 | | 2 | 3.9 | | | | | | |
| | Thompson (23) | 0.0 | 4.3 | 0.2-23.9 | | | | | | | | | | | | | | 95.7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mbandaka (20) | 0.0 | 10 | 1.8-33.1 | | | | | | | | | | | | | | 90 | | 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | |

¹ Percent of isolates with intermediate susceptibility

² Percent of isolates that were resistant

³ 95% confidence intervals for percent resistant (%R) were calculated using the Clopper-Pearson exact method

⁴ The unshaded areas indicate the range of dilutions tested for each antimicrobial. Single vertical bars indicate the breakpoints for susceptibility, while double vertical bars indicate the breakpoints for resistance. Numbers in the shaded area indicate the percentages of isolates with MICs greater than the highest tested concentrations. Numbers listed for the lowest tested concentrations represent the percentages of isolates with MICs equal to or less than the lowest tested concentration. CLSI breakpoints were used when available. There are no CLSI breakpoints for streptomycin.