

**HEALTH SERVICE REGION 4 - 2010
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

| COUNTY | 2010 POP. | BOTULISM, INFANT | | BRUCELLOSIS | | CAMPYLOBACTERIOSIS | | CHICKENPOX (VARICELLA) | |
|-------------------------|-------------------|------------------|------------|-------------|------------|--------------------|------------|------------------------|-------------|
| | | CASES | RATES | CASES | RATES | CASES | RATES | CASES | RATES |
| ANDERSON | 57,852 | 1 | 143.9 | 0 | 0.0 | 0 | 0.0 | 4 | 6.9 |
| BOWIE | 92,942 | 0 | 0.0 | 0 | 0.0 | 11 | 11.8 | 6 | 6.5 |
| CAMP | 13,400 | 0 | 0.0 | 0 | 0.0 | 1 | 7.5 | 0 | 0.0 |
| CASS | 30,631 | 0 | 0.0 | 0 | 0.0 | 1 | 3.3 | 2 | 6.5 |
| CHEROKEE | 49,990 | 0 | 0.0 | 1 | 2.0 | 1 | 2.0 | 9 | 18.0 |
| DELTA | 5,330 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| FRANKLIN | 10,955 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| GREGG | 122,993 | 0 | 0.0 | 0 | 0.0 | 10 | 8.1 | 10 | 8.1 |
| HARRISON | 67,673 | 0 | 0.0 | 0 | 0.0 | 1 | 1.5 | 11 | 16.3 |
| HENDERSON | 81,314 | 0 | 0.0 | 1 | 1.2 | 2 | 2.5 | 3 | 3.7 |
| HOPKINS | 34,605 | 0 | 0.0 | 0 | 0.0 | 3 | 8.7 | 14 | 40.5 |
| LAMAR | 50,336 | 0 | 0.0 | 0 | 0.0 | 3 | 6.0 | 3 | 6.0 |
| MARION | 11,032 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MORRIS | 13,534 | 0 | 0.0 | 0 | 0.0 | 3 | 22.2 | 0 | 0.0 |
| PANOLA | 24,119 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 4.1 |
| RAINS | 10,962 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 9.1 |
| RED RIVER | 14,392 | 0 | 0.0 | 0 | 0.0 | 5 | 34.7 | 1 | 6.9 |
| RUSK | 50,021 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 6.0 |
| SMITH | 206,781 | 0 | 0.0 | 1 | 0.5 | 4 | 1.9 | 33 | 16.0 |
| TITUS | 32,001 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| UPSHUR | 38,291 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 5.2 |
| VAN ZANDT | 53,658 | 0 | 0.0 | 0 | 0.0 | 2 | 3.7 | 2 | 3.7 |
| WOOD | 44,888 | 0 | 0.0 | 0 | 0.0 | 2 | 4.5 | 1 | 2.2 |
| REGIONAL TOTALS | 1,117,700 | 1 | 6.5 | 3 | 0.3 | 49 | 4.4 | 106 | 9.5 |
| STATEWIDE TOTALS | 25,373,947 | 8 | 2.0 | 21 | 0.1 | 2,001 | 7.9 | 2,760 | 10.9 |

**HEALTH SERVICE REGION 4 - 2010
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

| COUNTY | 2010 POP. | CRYPTOSPORIDIOSIS | | ENCEPHALITIS, NONARBOVIRAL | | ESCHERICHIA COLI, SHIGA TOXIN- PRODUCING (STEC) | | HAEMOPHILUS INFLUENZAE TYPE B, INVASIVE | |
|-------------------------|-------------------|-------------------|------------|-------------------------------|------------|---|------------|---|------------|
| | | CASES | RATES | CASES | RATES | CASES | RATES | CASES | RATES |
| ANDERSON | 57,852 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| BOWIE | 92,942 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CAMP | 13,400 | 0 | 0.0 | 0 | 0.0 | 1 | 7.5 | 0 | 0.0 |
| CASS | 30,631 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CHEROKEE | 49,990 | 1 | 2.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| DELTA | 5,330 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| FRANKLIN | 10,955 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| GREGG | 122,993 | 1 | 0.8 | 0 | 0.0 | 1 | 0.8 | 0 | 0.0 |
| HARRISON | 67,673 | 0 | 0.0 | 1 | 1.5 | 0 | 0.0 | 1 | 1.5 |
| HENDERSON | 81,314 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| HOPKINS | 34,605 | 1 | 2.9 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LAMAR | 50,336 | 1 | 2.0 | 0 | 0.0 | 1 | 2.0 | 0 | 0.0 |
| MARION | 11,032 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MORRIS | 13,534 | 0 | 0.0 | 0 | 0.0 | 1 | 7.4 | 0 | 0.0 |
| PANOLA | 24,119 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RAINS | 10,962 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RED RIVER | 14,392 | 0 | 0.0 | 0 | 0.0 | 2 | 13.9 | 0 | 0.0 |
| RUSK | 50,021 | 1 | 2.0 | 0 | 0.0 | 2 | 4.0 | 0 | 0.0 |
| SMITH | 206,781 | 1 | 0.5 | 0 | 0.0 | 1 | 0.5 | 0 | 0.0 |
| TITUS | 32,001 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| UPSHUR | 38,291 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| VAN ZANDT | 53,658 | 0 | 0.0 | 0 | 0.0 | 1 | 1.9 | 0 | 0.0 |
| WOOD | 44,888 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| REGIONAL TOTALS | 1,117,700 | 6 | 0.5 | 1 | 0.1 | 10 | 0.9 | 1 | 0.1 |
| STATEWIDE TOTALS | 25,373,947 | 359 | 1.4 | 17 | 0.1 | 351 | 1.4 | 12 | 0.0 |

**HEALTH SERVICE REGION 4 - 2010
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

| COUNTY | 2010 POP. | HEMOLYTIC UREMIC SYNDROME | | HEPATITIS A, ACUTE | | HEPATITIS B, ACUTE | | HEPATITIS B, PERINATAL | |
|-------------------------|-------------------|---------------------------|------------|--------------------|------------|--------------------|------------|------------------------|------------|
| | | CASES | RATES | CASES | RATES | CASES | RATES | CASES | RATES |
| ANDERSON | 57,852 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| BOWIE | 92,942 | 0 | 0.0 | 2 | 2.2 | 1 | 1.1 | 0 | 0.0 |
| CAMP | 13,400 | 1 | 7.5 | 1 | 7.5 | 0 | 0.0 | 0 | 0.0 |
| CASS | 30,631 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CHEROKEE | 49,990 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| DELTA | 5,330 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| FRANKLIN | 10,955 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| GREGG | 122,993 | 0 | 0.0 | 0 | 0.0 | 6 | 4.9 | 1 | 26.3 |
| HARRISON | 67,673 | 0 | 0.0 | 0 | 0.0 | 1 | 1.5 | 0 | 0.0 |
| HENDERSON | 81,314 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| HOPKINS | 34,605 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LAMAR | 50,336 | 0 | 0.0 | 0 | 0.0 | 2 | 4.0 | 0 | 0.0 |
| MARION | 11,032 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MORRIS | 13,534 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| PANOLA | 24,119 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RAINS | 10,962 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RED RIVER | 14,392 | 0 | 0.0 | 1 | 6.9 | 0 | 0.0 | 0 | 0.0 |
| RUSK | 50,021 | 1 | 2.0 | 0 | 0.0 | 4 | 8.0 | 0 | 0.0 |
| SMITH | 206,781 | 0 | 0.0 | 1 | 0.5 | 0 | 0.0 | 0 | 0.0 |
| TITUS | 32,001 | 0 | 0.0 | 0 | 0.0 | 1 | 3.1 | 0 | 0.0 |
| UPSHUR | 38,291 | 0 | 0.0 | 0 | 0.0 | 1 | 2.6 | 0 | 0.0 |
| VAN ZANDT | 53,658 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| WOOD | 44,888 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| REGIONAL TOTALS | 1,117,700 | 2 | 0.2 | 5 | 0.4 | 16 | 1.4 | 1 | 3.2 |
| STATEWIDE TOTALS | 25,373,947 | 19 | 0.1 | 139 | 0.5 | 394 | 1.6 | 2 | 0.2 |

**HEALTH SERVICE REGION 4 - 2010
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

| COUNTY | 2010 POP. | HEPATITIS C, ACUTE | | LEGIONELLOSIS | | LISTERIOSIS | |
|-------------------------|-------------------|--------------------|------------|---------------|------------|-------------|------------|
| | | CASES | RATES | CASES | RATES | CASES | RATES |
| ANDERSON | 57,852 | 0 | 0.0 | 0 | 0.0 | 1 | 1.7 |
| BOWIE | 92,942 | 1 | 1.1 | 0 | 0.0 | 0 | 0.0 |
| CAMP | 13,400 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CASS | 30,631 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CHEROKEE | 49,990 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| DELTA | 5,330 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| FRANKLIN | 10,955 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| GREGG | 122,993 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| HARRISON | 67,673 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| HENDERSON | 81,314 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| HOPKINS | 34,605 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LAMAR | 50,336 | 2 | 4.0 | 0 | 0.0 | 2 | 4.0 |
| MARION | 11,032 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MORRIS | 13,534 | 0 | 0.0 | 0 | 0.0 | 1 | 7.4 |
| PANOLA | 24,119 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RAINS | 10,962 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RED RIVER | 14,392 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RUSK | 50,021 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| SMITH | 206,781 | 1 | 0.5 | 1 | 0.5 | 1 | 0.5 |
| TITUS | 32,001 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| UPSHUR | 38,291 | 1 | 2.6 | 0 | 0.0 | 0 | 0.0 |
| VAN ZANDT | 53,658 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| WOOD | 44,888 | 0 | 0.0 | 0 | 0.0 | 1 | 2.2 |
| REGIONAL TOTALS | 1,117,700 | 5 | 0.4 | 1 | 0.1 | 6 | 0.5 |
| STATEWIDE TOTALS | 25,373,947 | 35 | 0.1 | 136 | 0.5 | 53 | 0.2 |

**HEALTH SERVICE REGION 4 - 2010
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

| COUNTY | 2010 POP. | LYME DISEASE | | MALARIA | | MENINGITIS, ASEPTIC | | BACTERIAL MENINGITIS | |
|-------------------------|-------------------|--------------|------------|-----------|------------|---------------------|-------------|----------------------|------------|
| | | CASES | RATES | CASES | RATES | CASES | RATES | CASES | RATES |
| ANDERSON | 57,852 | 0 | 0.0 | 0 | 0.0 | 2 | 3.5 | 2 | 3.5 |
| BOWIE | 92,942 | 0 | 0.0 | 0 | 0.0 | 15 | 16.1 | 6 | 6.5 |
| CAMP | 13,400 | 0 | 0.0 | 0 | 0.0 | 1 | 7.5 | 0 | 0.0 |
| CASS | 30,631 | 0 | 0.0 | 0 | 0.0 | 2 | 6.5 | 0 | 0.0 |
| CHEROKEE | 49,990 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| DELTA | 5,330 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| FRANKLIN | 10,955 | 0 | 0.0 | 0 | 0.0 | 1 | 9.1 | 0 | 0.0 |
| GREGG | 122,993 | 0 | 0.0 | 0 | 0.0 | 38 | 30.9 | 3 | 2.4 |
| HARRISON | 67,673 | 0 | 0.0 | 0 | 0.0 | 18 | 26.6 | 5 | 7.4 |
| HENDERSON | 81,314 | 0 | 0.0 | 0 | 0.0 | 5 | 6.1 | 1 | 1.2 |
| HOPKINS | 34,605 | 1 | 2.9 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LAMAR | 50,336 | 0 | 0.0 | 1 | 2.0 | 4 | 7.9 | 0 | 0.0 |
| MARION | 11,032 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 9.1 |
| MORRIS | 13,534 | 0 | 0.0 | 0 | 0.0 | 2 | 14.8 | 0 | 0.0 |
| PANOLA | 24,119 | 0 | 0.0 | 0 | 0.0 | 2 | 8.3 | 3 | 12.4 |
| RAINS | 10,962 | 1 | 9.1 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RED RIVER | 14,392 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RUSK | 50,021 | 0 | 0.0 | 0 | 0.0 | 6 | 12.0 | 0 | 0.0 |
| SMITH | 206,781 | 1 | 0.5 | 1 | 0.5 | 21 | 10.2 | 7 | 3.4 |
| TITUS | 32,001 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| UPSHUR | 38,291 | 0 | 0.0 | 0 | 0.0 | 6 | 15.7 | 1 | 2.6 |
| VAN ZANDT | 53,658 | 0 | 0.0 | 0 | 0.0 | 1 | 1.9 | 0 | 0.0 |
| WOOD | 44,888 | 0 | 0.0 | 0 | 0.0 | 3 | 6.7 | 2 | 4.5 |
| REGIONAL TOTALS | 1,117,700 | 3 | 0.3 | 2 | 0.2 | 127 | 11.4 | 31 | 2.8 |
| STATEWIDE TOTALS | 25,373,947 | 142 | 0.6 | 98 | 0.4 | 1,663 | 6.6 | 377 | 1.5 |

**HEALTH SERVICE REGION 4 - 2010
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

| COUNTY | 2010 POP. | OTHER MENINGITIS | | MENINGOCOCCAL INFECTION | | MUMPS | | PERTUSSIS | |
|-------------------------|-------------------|------------------|------------|-------------------------|------------|------------|------------|--------------|-------------|
| | | CASES | RATES | CASES | RATES | CASES | RATES | CASES | RATES |
| ANDERSON | 57,852 | 0 | 0.0 | 0 | 0.0 | 1 | 1.7 | 0 | 0.0 |
| BOWIE | 92,942 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 27 | 29.1 |
| CAMP | 13,400 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CASS | 30,631 | 2 | 6.5 | 0 | 0.0 | 0 | 0.0 | 5 | 16.3 |
| CHEROKEE | 49,990 | 0 | 0.0 | 0 | 0.0 | 1 | 2.0 | 2 | 4.0 |
| DELTA | 5,330 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| FRANKLIN | 10,955 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| GREGG | 122,993 | 0 | 0.0 | 1 | 0.8 | 0 | 0.0 | 0 | 0.0 |
| HARRISON | 67,673 | 0 | 0.0 | 1 | 1.5 | 0 | 0.0 | 0 | 0.0 |
| HENDERSON | 81,314 | 1 | 1.2 | 0 | 0.0 | 0 | 0.0 | 3 | 3.7 |
| HOPKINS | 34,605 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 5.8 |
| LAMAR | 50,336 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 6.0 |
| MARION | 11,032 | 0 | 0.0 | 1 | 9.1 | 0 | 0.0 | 0 | 0.0 |
| MORRIS | 13,534 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| PANOLA | 24,119 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RAINS | 10,962 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RED RIVER | 14,392 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RUSK | 50,021 | 0 | 0.0 | 0 | 0.0 | 4 | 8.0 | 1 | 2.0 |
| SMITH | 206,781 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 4 | 1.9 |
| TITUS | 32,001 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 3.1 |
| UPSHUR | 38,291 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| VAN ZANDT | 53,658 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| WOOD | 44,888 | 0 | 0.0 | 1 | 2.2 | 1 | 2.2 | 2 | 4.5 |
| REGIONAL TOTALS | 1,117,700 | 3 | 0.3 | 4 | 0.4 | 7 | 0.6 | 50 | 4.5 |
| STATEWIDE TOTALS | 25,373,947 | 80 | 0.3 | 59 | 0.2 | 121 | 0.5 | 2,848 | 11.2 |

**HEALTH SERVICE REGION 4 - 2010
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

| COUNTY | 2010 POP. | SALMONELLOSIS | | SHIGELLOSIS | | STREPTOCOCCUS, GROUP A | | STREPTOCOCCUS, GROUP B | |
|-------------------------|-------------------|---------------|-------------|--------------|-------------|---------------------------|------------|---------------------------|------------|
| | | CASES | RATES | CASES | RATES | CASES | RATES | CASES | RATES |
| ANDERSON | 57,852 | 4 | 6.9 | 0 | 0.0 | 1 | 1.7 | 2 | 3.5 |
| BOWIE | 92,942 | 13 | 14.0 | 22 | 23.7 | 2 | 2.2 | 6 | 6.5 |
| CAMP | 13,400 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 7.5 |
| CASS | 30,631 | 4 | 13.1 | 0 | 0.0 | 1 | 3.3 | 0 | 0.0 |
| CHEROKEE | 49,990 | 17 | 34.0 | 0 | 0.0 | 2 | 4.0 | 1 | 2.0 |
| DELTA | 5,330 | 1 | 18.8 | 1 | 18.8 | 0 | 0.0 | 0 | 0.0 |
| FRANKLIN | 10,955 | 1 | 9.1 | 2 | 18.3 | 0 | 0.0 | 0 | 0.0 |
| GREGG | 122,993 | 10 | 8.1 | 0 | 0.0 | 6 | 4.9 | 6 | 4.9 |
| HARRISON | 67,673 | 8 | 11.8 | 1 | 1.5 | 0 | 0.0 | 1 | 1.5 |
| HENDERSON | 81,314 | 1 | 1.2 | 0 | 0.0 | 0 | 0.0 | 2 | 2.5 |
| HOPKINS | 34,605 | 3 | 8.7 | 1 | 2.9 | 0 | 0.0 | 3 | 8.7 |
| LAMAR | 50,336 | 9 | 17.9 | 3 | 6.0 | 2 | 4.0 | 3 | 6.0 |
| MARION | 11,032 | 2 | 18.1 | 1 | 9.1 | 0 | 0.0 | 0 | 0.0 |
| MORRIS | 13,534 | 1 | 7.4 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| PANOLA | 24,119 | 1 | 4.1 | 1 | 4.1 | 0 | 0.0 | 0 | 0.0 |
| RAINS | 10,962 | 1 | 9.1 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RED RIVER | 14,392 | 2 | 13.9 | 0 | 0.0 | 0 | 0.0 | 2 | 13.9 |
| RUSK | 50,021 | 6 | 12.0 | 0 | 0.0 | 1 | 2.0 | 1 | 2.0 |
| SMITH | 206,781 | 13 | 6.3 | 0 | 0.0 | 8 | 3.9 | 6 | 2.9 |
| TITUS | 32,001 | 1 | 3.1 | 2 | 6.2 | 0 | 0.0 | 0 | 0.0 |
| UPSHUR | 38,291 | 6 | 15.7 | 0 | 0.0 | 0 | 0.0 | 2 | 5.2 |
| VAN ZANDT | 53,658 | 5 | 9.3 | 1 | 1.9 | 0 | 0.0 | 1 | 1.9 |
| WOOD | 44,888 | 1 | 2.2 | 1 | 2.2 | 0 | 0.0 | 1 | 2.2 |
| REGIONAL TOTALS | 1,117,700 | 110 | 9.8 | 36 | 3.2 | 23 | 2.1 | 38 | 3.4 |
| STATEWIDE TOTALS | 25,373,947 | 4,929 | 19.4 | 2,626 | 10.3 | 355 | 1.4 | 825 | 3.3 |

**HEALTH SERVICE REGION 4 - 2010
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

| COUNTY | 2010 POP. | <i>STREPTOCOCCUS PNEUMONIAE</i> | | <i>VIBRIO VULNIFICUS</i> | | YERSINIOSIS | |
|-------------------------|-------------------|---------------------------------|-------------|--------------------------|------------|-------------|------------|
| | | CASES | RATES | CASES | RATES | CASES | RATES |
| ANDERSON | 57,852 | 3 | 5.2 | 0 | 0.0 | 0 | 0.0 |
| BOWIE | 92,942 | 16 | 17.2 | 0 | 0.0 | 0 | 0.0 |
| CAMP | 13,400 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CASS | 30,631 | 1 | 3.3 | 0 | 0.0 | 0 | 0.0 |
| CHEROKEE | 49,990 | 9 | 18.0 | 0 | 0.0 | 0 | 0.0 |
| DELTA | 5,330 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| FRANKLIN | 10,955 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| GREGG | 122,993 | 27 | 22.0 | 0 | 0.0 | 0 | 0.0 |
| HARRISON | 67,673 | 9 | 13.3 | 0 | 0.0 | 1 | 1.5 |
| HENDERSON | 81,314 | 5 | 6.1 | 0 | 0.0 | 0 | 0.0 |
| HOPKINS | 34,605 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LAMAR | 50,336 | 9 | 17.9 | 0 | 0.0 | 0 | 0.0 |
| MARION | 11,032 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MORRIS | 13,534 | 1 | 7.4 | 0 | 0.0 | 0 | 0.0 |
| PANOLA | 24,119 | 5 | 20.7 | 0 | 0.0 | 0 | 0.0 |
| RAINS | 10,962 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RED RIVER | 14,392 | 2 | 13.9 | 0 | 0.0 | 0 | 0.0 |
| RUSK | 50,021 | 2 | 4.0 | 0 | 0.0 | 1 | 2.0 |
| SMITH | 206,781 | 27 | 13.1 | 0 | 0.0 | 0 | 0.0 |
| TITUS | 32,001 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| UPSHUR | 38,291 | 4 | 10.4 | 1 | 2.6 | 0 | 0.0 |
| VAN ZANDT | 53,658 | 4 | 7.5 | 0 | 0.0 | 0 | 0.0 |
| WOOD | 44,888 | 4 | 8.9 | 0 | 0.0 | 1 | 2.2 |
| REGIONAL TOTALS | 1,117,700 | 128 | 11.5 | 1 | 0.1 | 3 | 0.3 |
| STATEWIDE TOTALS | 25,373,947 | 1,912 | 7.5 | 32 | 0.1 | 19 | 0.1 |

¹ DSHS Center for Health Statistics projected 2010 Texas population data <http://www.dshs.texas.gov/chs/popdat/SummX.shtml> accessed 01/17/2011.