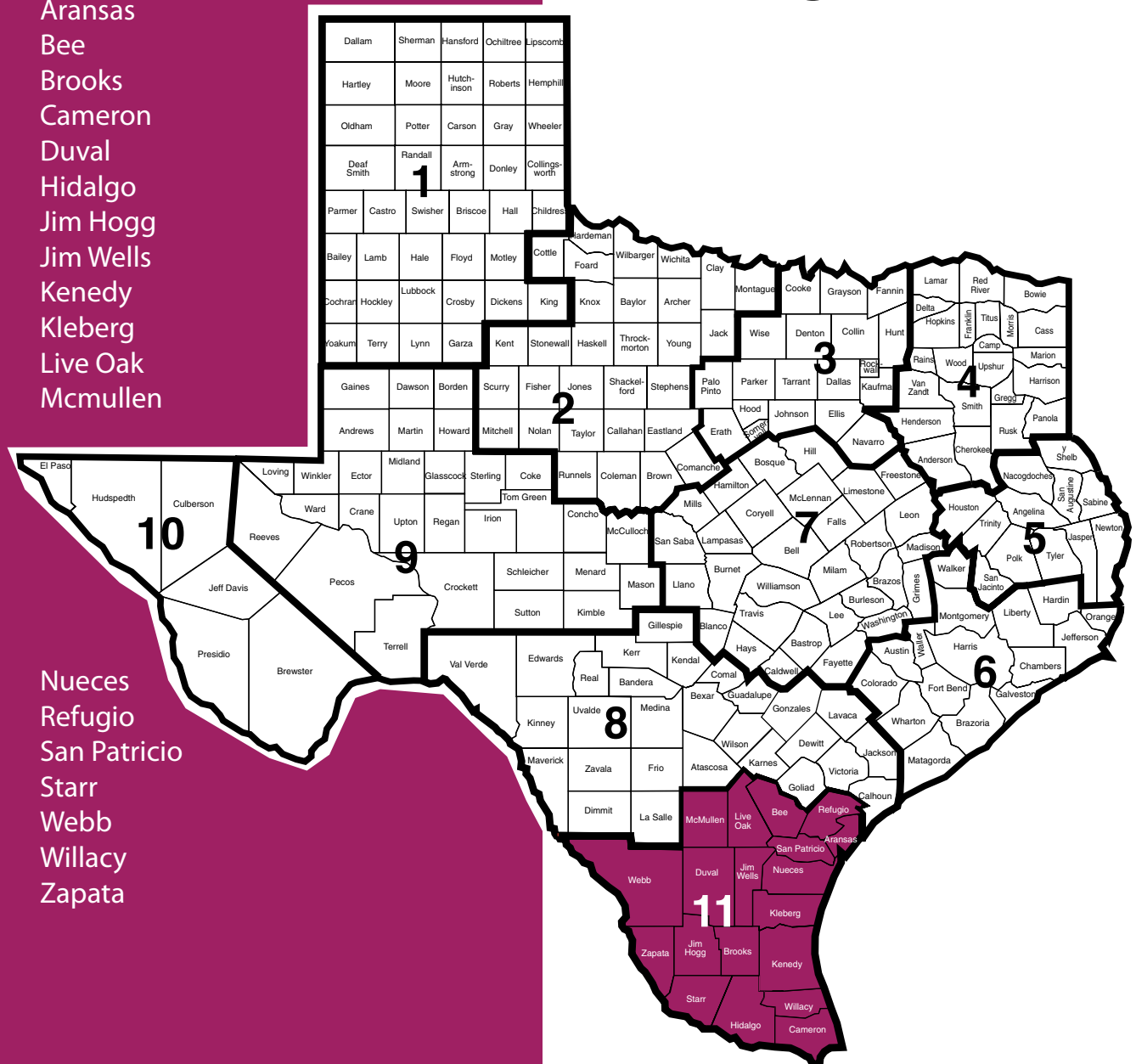


# Health Service Region 11

## Health Service Region 11 Counties:

Aransas  
Bee  
Brooks  
Cameron  
Duval  
Hidalgo  
Jim Hogg  
Jim Wells  
Kenedy  
Kleberg  
Live Oak  
Mcmullen



Nueces  
Refugio  
San Patricio  
Starr  
Webb  
Willacy  
Zapata

**HEALTH SERVICE REGION 11 - 2007  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

| COUNTY       | 2007 POP. | AMEBIASIS |       | BOTULISM,<br>FOODBORNE |       | BOTULISM,<br>INFANT <sup>2</sup> |       | BRUCELLOSIS |       |
|--------------|-----------|-----------|-------|------------------------|-------|----------------------------------|-------|-------------|-------|
|              |           | CASES     | RATES | CASES                  | RATES | CASES                            | RATES | CASES       | RATES |
| ARANSAS      | 24,478    | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| BEE          | 34,051    | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| BROOKS       | 8,516     | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| CAMERON      | 402,230   | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| DUVAL        | 13,798    | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| HIDALGO      | 725,729   | 1         | 0.1   | 0                      | 0.0   | 1                                | 5.8   | 4           | 0.6   |
| JIM HOGG     | 5,757     | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| JIM WELLS    | 42,639    | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| KENEDY       | 452       | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| KLEBERG      | 34,108    | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| LIVE OAK     | 12,721    | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| MCMULLEN     | 866       | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| NUECES       | 328,491   | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| REFUGIO      | 8,261     | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| SAN PATRICIO | 75,139    | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| STARR        | 62,875    | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| WEBB         | 244,759   | 1         | 0.4   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| WILLACY      | 21,990    | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |
| ZAPATA       | 14,512    | 0         | 0.0   | 0                      | 0.0   | 0                                | 0.0   | 0           | 0.0   |

|                        |           |   |     |   |     |   |     |   |     |
|------------------------|-----------|---|-----|---|-----|---|-----|---|-----|
| <b>REGIONAL TOTALS</b> | 2,061,372 | 2 | 0.1 | 0 | 0.0 | 1 | 2.2 | 4 | 0.2 |
|------------------------|-----------|---|-----|---|-----|---|-----|---|-----|

|                         |            |     |     |   |     |   |     |    |     |
|-------------------------|------------|-----|-----|---|-----|---|-----|----|-----|
| <b>STATEWIDE TOTALS</b> | 23,936,227 | 434 | 1.8 | 3 | 0.0 | 4 | 1.0 | 25 | 0.1 |
|-------------------------|------------|-----|-----|---|-----|---|-----|----|-----|

| COUNTY       | 2007 POP. | CAMPYLOBACTERIOSIS |       | CHICKENPOX<br>(VARICELLA) |       | CHOLERA |       | CREUTZFELDT-<br>JAKOB DISEASE |       |
|--------------|-----------|--------------------|-------|---------------------------|-------|---------|-------|-------------------------------|-------|
|              |           | CASES              | RATES | CASES                     | RATES | CASES   | RATES | CASES                         | RATES |
| ARANSAS      | 24,478    | 3                  | 12.3  | 0                         | 0.0   | 0       | 0.0   | 0                             | 0.0   |
| BEE          | 34,051    | 1                  | 2.9   | 7                         | 20.6  | 0       | 0.0   | 0                             | 0.0   |
| BROOKS       | 8,516     | 4                  | 47.0  | 3                         | 35.2  | 0       | 0.0   | 0                             | 0.0   |
| CAMERON      | 402,230   | 26                 | 6.5   | 172                       | 42.8  | 0       | 0.0   | 0                             | 0.0   |
| DUVAL        | 13,798    | 1                  | 7.2   | 0                         | 0.0   | 0       | 0.0   | 0                             | 0.0   |
| HIDALGO      | 725,729   | 67                 | 9.2   | 603                       | 83.1  | 0       | 0.0   | 0                             | 0.0   |
| JIM HOGG     | 5,757     | 0                  | 0.0   | 1                         | 17.4  | 0       | 0.0   | 0                             | 0.0   |
| JIM WELLS    | 42,639    | 7                  | 16.4  | 1                         | 2.3   | 0       | 0.0   | 0                             | 0.0   |
| KENEDY       | 452       | 0                  | 0.0   | 0                         | 0.0   | 0       | 0.0   | 0                             | 0.0   |
| KLEBERG      | 34,108    | 2                  | 5.9   | 38                        | 111.4 | 0       | 0.0   | 0                             | 0.0   |
| LIVE OAK     | 12,721    | 1                  | 7.9   | 0                         | 0.0   | 0       | 0.0   | 0                             | 0.0   |
| MCMULLEN     | 866       | 0                  | 0.0   | 0                         | 0.0   | 0       | 0.0   | 0                             | 0.0   |
| NUECES       | 328,491   | 27                 | 8.2   | 171                       | 52.1  | 0       | 0.0   | 0                             | 0.0   |
| REFUGIO      | 8,261     | 0                  | 0.0   | 0                         | 0.0   | 0       | 0.0   | 0                             | 0.0   |
| SAN PATRICIO | 75,139    | 2                  | 2.7   | 63                        | 83.8  | 0       | 0.0   | 0                             | 0.0   |
| STARR        | 62,875    | 3                  | 4.8   | 103                       | 163.8 | 0       | 0.0   | 0                             | 0.0   |
| WEBB         | 244,759   | 29                 | 11.8  | 24                        | 9.8   | 0       | 0.0   | 0                             | 0.0   |
| WILLACY      | 21,990    | 3                  | 13.6  | 2                         | 9.1   | 0       | 0.0   | 0                             | 0.0   |
| ZAPATA       | 14,512    | 1                  | 6.9   | 5                         | 34.5  | 0       | 0.0   | 0                             | 0.0   |

|                        |           |     |     |       |      |   |     |   |     |
|------------------------|-----------|-----|-----|-------|------|---|-----|---|-----|
| <b>REGIONAL TOTALS</b> | 2,061,372 | 177 | 8.6 | 1,193 | 57.9 | 0 | 0.0 | 0 | 0.0 |
|------------------------|-----------|-----|-----|-------|------|---|-----|---|-----|

|                         |            |       |     |       |      |   |     |    |     |
|-------------------------|------------|-------|-----|-------|------|---|-----|----|-----|
| <b>STATEWIDE TOTALS</b> | 23,936,227 | 1,690 | 7.1 | 10061 | 42.0 | 1 | 0.0 | 14 | 0.1 |
|-------------------------|------------|-------|-----|-------|------|---|-----|----|-----|

**HEALTH SERVICE REGION 11 - 2007  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

| COUNTY       | 2007 POP. | CRYPTOSPORIDIOSIS |       | CYCLOSPORIASIS |       | CYSTICERCOSIS |       | DENGUE FEVER |       |
|--------------|-----------|-------------------|-------|----------------|-------|---------------|-------|--------------|-------|
|              |           | CASES             | RATES | CASES          | RATES | CASES         | RATES | CASES        | RATES |
| ARANSAS      | 24,478    | 0                 | 0.0   | 1              | 4.1   | 0             | 0.0   | 0            | 0.0   |
| BEE          | 34,051    | 2                 | 5.9   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| BROOKS       | 8,516     | 0                 | 0.0   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| CAMERON      | 402,230   | 1                 | 0.2   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| DUVAL        | 13,798    | 0                 | 0.0   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| HIDALGO      | 725,729   | 5                 | 0.7   | 0              | 0.0   | 0             | 0.0   | 1            | 0.1   |
| JIM HOGG     | 5,757     | 0                 | 0.0   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| JIM WELLS    | 42,639    | 0                 | 0.0   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| KENEDY       | 452       | 0                 | 0.0   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| KLEBERG      | 34,108    | 0                 | 0.0   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| LIVE OAK     | 12,721    | 0                 | 0.0   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| MCMULLEN     | 866       | 0                 | 0.0   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| NUECES       | 328,491   | 3                 | 0.9   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| REFUGIO      | 8,261     | 0                 | 0.0   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| SAN PATRICIO | 75,139    | 2                 | 2.7   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| STARR        | 62,875    | 0                 | 0.0   | 0              | 0.0   | 0             | 0.0   | 1            | 1.6   |
| WEBB         | 244,759   | 13                | 5.3   | 0              | 0.0   | 0             | 0.0   | 1            | 0.4   |
| WILLACY      | 21,990    | 1                 | 4.5   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |
| ZAPATA       | 14,512    | 0                 | 0.0   | 0              | 0.0   | 0             | 0.0   | 0            | 0.0   |

|                        |           |    |     |   |     |   |     |   |     |
|------------------------|-----------|----|-----|---|-----|---|-----|---|-----|
| <b>REGIONAL TOTALS</b> | 2,061,372 | 27 | 1.3 | 1 | 0.0 | 0 | 0.0 | 3 | 0.1 |
|------------------------|-----------|----|-----|---|-----|---|-----|---|-----|

|                         |            |     |     |   |     |   |     |    |     |
|-------------------------|------------|-----|-----|---|-----|---|-----|----|-----|
| <b>STATEWIDE TOTALS</b> | 23,936,227 | 233 | 1.0 | 2 | 0.0 | 3 | 0.0 | 32 | 0.1 |
|-------------------------|------------|-----|-----|---|-----|---|-----|----|-----|

| COUNTY       | 2007 POP. | EHRlichiosis,<br>OTHER/UNSPECIFIED |       | ENCEPHALITIS,<br>NONARBOVIRAL |       | ESCHERICHIA COLI,<br>SHIGA TOXIN-<br>PRODUCING (STEC) |       | HAEMOPHILUS<br>INFLUENZAE TYPE<br>B, INVASIVE |       |
|--------------|-----------|------------------------------------|-------|-------------------------------|-------|---|-------|---|-------|
|              |           | CASES                              | RATES | CASES                         | RATES | CASES   | RATES | CASES   | RATES |
| ARANSAS      | 24,478    | 0                                  | 0.0   | 0                             | 0.0   | 0   | 0.0   | 0   | 0.0   |
| BEE          | 34,051    | 1                                  | 2.9   | 0                             | 0.0   | 0   | 0.0   | 0   | 0.0   |
| BROOKS       | 8,516     | 0                                  | 0.0   | 0                             | 0.0   | 0   | 0.0   | 0   | 0.0   |
| CAMERON      | 402,230   | 10                                 | 2.5   | 2                             | 0.5   | 9   | 2.2   | 0   | 0.0   |
| DUVAL        | 13,798    | 0                                  | 0.0   | 0                             | 0.0   | 0   | 0.0   | 0   | 0.0   |
| HIDALGO      | 725,729   | 0                                  | 0.0   | 0                             | 0.0   | 17  | 2.3   | 1   | 0.1   |
| JIM HOGG     | 5,757     | 0                                  | 0.0   | 0                             | 0.0   | 0   | 0.0   | 0   | 0.0   |
| JIM WELLS    | 42,639    | 0                                  | 0.0   | 0                             | 0.0   | 0   | 0.0   | 0   | 0.0   |
| KENEDY       | 452       | 0                                  | 0.0   | 0                             | 0.0   | 0   | 0.0   | 0   | 0.0   |
| KLEBERG      | 34,108    | 0                                  | 0.0   | 0                             | 0.0   | 1   | 2.9   | 0   | 0.0   |
| LIVE OAK     | 12,721    | 0                                  | 0.0   | 0                             | 0.0   | 0   | 0.0   | 0   | 0.0   |
| MCMULLEN     | 866       | 0                                  | 0.0   | 0                             | 0.0   | 0   | 0.0   | 0   | 0.0   |
| NUECES       | 328,491   | 9                                  | 2.7   | 0                             | 0.0   | 1   | 0.3   | 0   | 0.0   |
| REFUGIO      | 8,261     | 0                                  | 0.0   | 0                             | 0.0   | 0   | 0.0   | 0   | 0.0   |
| SAN PATRICIO | 75,139    | 0                                  | 0.0   | 0                             | 0.0   | 1   | 1.3   | 0   | 0.0   |
| STARR        | 62,875    | 0                                  | 0.0   | 0                             | 0.0   | 0   | 0.0   | 0   | 0.0   |
| WEBB         | 244,759   | 10                                 | 4.1   | 0                             | 0.0   | 1   | 0.4   | 0   | 0.0   |
| WILLACY      | 21,990    | 2                                  | 9.1   | 0                             | 0.0   | 0   | 0.0   | 0   | 0.0   |
| ZAPATA       | 14,512    | 0                                  | 0.0   | 0                             | 0.0   | 0   | 0.0   | 0   | 0.0   |

|                        |           |    |     |   |     |    |     |   |     |
|------------------------|-----------|----|-----|---|-----|----|-----|---|-----|
| <b>REGIONAL TOTALS</b> | 2,061,372 | 32 | 1.6 | 2 | 0.1 | 30 | 1.5 | 1 | 0.0 |
|------------------------|-----------|----|-----|---|-----|----|-----|---|-----|

|                         |            |    |     |    |     |     |     |    |     |
|-------------------------|------------|----|-----|----|-----|-----|-----|----|-----|
| <b>STATEWIDE TOTALS</b> | 23,936,227 | 32 | 0.1 | 11 | 0.0 | 210 | 0.9 | 14 | 0.1 |
|-------------------------|------------|----|-----|----|-----|-----|-----|----|-----|

**HEALTH SERVICE REGION 11 - 2007  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

| COUNTY       | 2007 POP. | HANTAVIRUS PULMONARY SYNDROME |       | HEMOLYTIC UREMIC SYNDROME |       | HEPATITIS A, ACUTE |       | HEPATITIS B, ACUTE |       |
|--------------|-----------|-------------------------------|-------|---------------------------|-------|--------------------|-------|--------------------|-------|
|              |           | CASES                         | RATES | CASES                     | RATES | CASES              | RATES | CASES              | RATES |
| ARANSAS      | 24,478    | 0                             | 0.0   | 0                         | 0.0   | 0                  | 0.0   | 2                  | 8.2   |
| BEE          | 34,051    | 0                             | 0.0   | 0                         | 0.0   | 0                  | 0.0   | 0                  | 0.0   |
| BROOKS       | 8,516     | 0                             | 0.0   | 0                         | 0.0   | 0                  | 0.0   | 0                  | 0.0   |
| CAMERON      | 402,230   | 0                             | 0.0   | 0                         | 0.0   | 3                  | 0.7   | 0                  | 0.0   |
| DUVAL        | 13,798    | 0                             | 0.0   | 0                         | 0.0   | 0                  | 0.0   | 0                  | 0.0   |
| HIDALGO      | 725,729   | 0                             | 0.0   | 0                         | 0.0   | 4                  | 0.6   | 3                  | 0.4   |
| JIM HOGG     | 5,757     | 0                             | 0.0   | 0                         | 0.0   | 0                  | 0.0   | 0                  | 0.0   |
| JIM WELLS    | 42,639    | 0                             | 0.0   | 0                         | 0.0   | 1                  | 2.3   | 0                  | 0.0   |
| KENEDY       | 452       | 0                             | 0.0   | 0                         | 0.0   | 0                  | 0.0   | 0                  | 0.0   |
| KLEBERG      | 34,108    | 0                             | 0.0   | 0                         | 0.0   | 1                  | 2.9   | 1                  | 2.9   |
| LIVE OAK     | 12,721    | 0                             | 0.0   | 0                         | 0.0   | 0                  | 0.0   | 0                  | 0.0   |
| MCMULLEN     | 866       | 0                             | 0.0   | 0                         | 0.0   | 0                  | 0.0   | 0                  | 0.0   |
| NUECES       | 328,491   | 0                             | 0.0   | 0                         | 0.0   | 3                  | 0.9   | 7                  | 2.1   |
| REFUGIO      | 8,261     | 0                             | 0.0   | 0                         | 0.0   | 0                  | 0.0   | 0                  | 0.0   |
| SAN PATRICIO | 75,139    | 0                             | 0.0   | 0                         | 0.0   | 1                  | 1.3   | 7                  | 9.3   |
| STARR        | 62,875    | 0                             | 0.0   | 0                         | 0.0   | 3                  | 4.8   | 0                  | 0.0   |
| WEBB         | 244,759   | 0                             | 0.0   | 0                         | 0.0   | 3                  | 1.2   | 2                  | 0.8   |
| WILLACY      | 21,990    | 0                             | 0.0   | 0                         | 0.0   | 1                  | 4.5   | 0                  | 0.0   |
| ZAPATA       | 14,512    | 0                             | 0.0   | 0                         | 0.0   | 0                  | 0.0   | 0                  | 0.0   |

|                        |           |   |     |   |     |    |     |    |     |
|------------------------|-----------|---|-----|---|-----|----|-----|----|-----|
| <b>REGIONAL TOTALS</b> | 2,061,372 | 0 | 0.0 | 0 | 0.0 | 20 | 1.0 | 22 | 1.1 |
|------------------------|-----------|---|-----|---|-----|----|-----|----|-----|

|                         |            |   |     |    |     |     |     |     |     |
|-------------------------|------------|---|-----|----|-----|-----|-----|-----|-----|
| <b>STATEWIDE TOTALS</b> | 23,936,227 | 3 | 0.0 | 11 | 0.0 | 264 | 1.1 | 741 | 3.1 |
|-------------------------|------------|---|-----|----|-----|-----|-----|-----|-----|

| COUNTY       | 2007 POP. | HEPATITIS B, PERINATAL <sup>3</sup> |       | HEPATITIS C, ACUTE |       | HEPATITIS D, ACUTE |       | INFLUENZA-ASSOC PEDIATRIC MORTALITY <sup>4</sup> |       |
|--------------|-----------|-------------------------------------|-------|--------------------|-------|--------------------|-------|--|-------|
|              |           | CASES                               | RATES | CASES              | CASES | CASES              | RATES | CASES  | RATES |
| ARANSAS      | 24,478    | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| BEE          | 34,051    | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| BROOKS       | 8,516     | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| CAMERON      | 402,230   | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| DUVAL        | 13,798    | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| HIDALGO      | 725,729   | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| JIM HOGG     | 5,757     | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| JIM WELLS    | 42,639    | 0                                   | 0.0   | 1                  | 2.3   | 0                  | 0.0   | 0  | 0.0   |
| KENEDY       | 452       | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| KLEBERG      | 34,108    | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| LIVE OAK     | 12,721    | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| MCMULLEN     | 866       | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| NUECES       | 328,491   | 0                                   | 0.0   | 4                  | 1.2   | 0                  | 0.0   | 0  | 0.0   |
| REFUGIO      | 8,261     | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| SAN PATRICIO | 75,139    | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| STARR        | 62,875    | 0                                   | 0.0   | 1                  | 1.6   | 0                  | 0.0   | 0  | 0.0   |
| WEBB         | 244,759   | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| WILLACY      | 21,990    | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |
| ZAPATA       | 14,512    | 0                                   | 0.0   | 0                  | 0.0   | 0                  | 0.0   | 0  | 0.0   |

|                        |           |   |     |   |     |   |     |   |     |
|------------------------|-----------|---|-----|---|-----|---|-----|---|-----|
| <b>REGIONAL TOTALS</b> | 2,061,372 | 0 | 0.0 | 6 | 0.3 | 0 | 0.0 | 0 | 0.0 |
|------------------------|-----------|---|-----|---|-----|---|-----|---|-----|

|                         |            |   |     |    |     |   |     |    |     |
|-------------------------|------------|---|-----|----|-----|---|-----|----|-----|
| <b>STATEWIDE TOTALS</b> | 23,936,227 | 3 | 0.4 | 67 | 0.3 | 2 | 0.0 | 13 | 0.2 |
|-------------------------|------------|---|-----|----|-----|---|-----|----|-----|

**HEALTH SERVICE REGION 11 - 2007  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

| COUNTY       | 2007 POP. | LEGIONELLOSIS |       | LEISHMANIASIS |       | LISTERIOSIS |       | LYME DISEASE |       |
|--------------|-----------|---------------|-------|---------------|-------|-------------|-------|--------------|-------|
|              |           | CASES         | RATES | CASES         | RATES | CASES       | RATES | CASES        | RATES |
| ARANSAS      | 24,478    | 1             | 4.1   | 0             | 0.0   | 0           | 0.0   | 0            | 0.0   |
| BEE          | 34,051    | 0             | 0.0   | 0             | 0.0   | 0           | 0.0   | 0            | 0.0   |
| BROOKS       | 8,516     | 0             | 0.0   | 0             | 0.0   | 0           | 0.0   | 0            | 0.0   |
| CAMERON      | 402,230   | 0             | 0.0   | 0             | 0.0   | 2           | 0.5   | 0            | 0.0   |
| DUVAL        | 13,798    | 0             | 0.0   | 0             | 0.0   | 0           | 0.0   | 0            | 0.0   |
| HIDALGO      | 725,729   | 3             | 0.4   | 0             | 0.0   | 12          | 1.7   | 1            | 0.1   |
| JIM HOGG     | 5,757     | 0             | 0.0   | 0             | 0.0   | 0           | 0.0   | 0            | 0.0   |
| JIM WELLS    | 42,639    | 1             | 2.3   | 0             | 0.0   | 0           | 0.0   | 0            | 0.0   |
| KENEDY       | 452       | 0             | 0.0   | 0             | 0.0   | 0           | 0.0   | 0            | 0.0   |
| KLEBERG      | 34,108    | 0             | 0.0   | 0             | 0.0   | 1           | 2.9   | 0            | 0.0   |
| LIVE OAK     | 12,721    | 0             | 0.0   | 0             | 0.0   | 0           | 0.0   | 0            | 0.0   |
| MCMULLEN     | 866       | 0             | 0.0   | 0             | 0.0   | 0           | 0.0   | 0            | 0.0   |
| NUECES       | 328,491   | 2             | 0.6   | 0             | 0.0   | 2           | 0.6   | 3            | 0.9   |
| REFUGIO      | 8,261     | 0             | 0.0   | 0             | 0.0   | 0           | 0.0   | 0            | 0.0   |
| SAN PATRICIO | 75,139    | 1             | 1.3   | 0             | 0.0   | 1           | 1.3   | 1            | 1.3   |
| STARR        | 62,875    | 0             | 0.0   | 0             | 0.0   | 0           | 0.0   | 0            | 0.0   |
| WEBB         | 244,759   | 0             | 0.0   | 0             | 0.0   | 0           | 0.0   | 0            | 0.0   |
| WILLACY      | 21,990    | 0             | 0.0   | 0             | 0.0   | 0           | 0.0   | 1            | 4.5   |
| ZAPATA       | 14,512    | 0             | 0.0   | 0             | 0.0   | 0           | 0.0   | 0            | 0.0   |

|                        |           |   |     |   |     |    |     |   |     |
|------------------------|-----------|---|-----|---|-----|----|-----|---|-----|
| <b>REGIONAL TOTALS</b> | 2,061,372 | 8 | 0.4 | 0 | 0.0 | 18 | 0.9 | 6 | 0.3 |
|------------------------|-----------|---|-----|---|-----|----|-----|---|-----|

|                         |            |     |     |   |     |    |     |    |     |
|-------------------------|------------|-----|-----|---|-----|----|-----|----|-----|
| <b>STATEWIDE TOTALS</b> | 23,936,227 | 121 | 0.5 | 9 | 0.0 | 64 | 0.3 | 87 | 0.4 |
|-------------------------|------------|-----|-----|---|-----|----|-----|----|-----|

| COUNTY       | 2007 POP. | MALARIA |       | MEASLES |       | MENINGITIS, ASEPTIC |       | MENINGITIS, BACTERIAL |       |
|--------------|-----------|---------|-------|---------|-------|---------------------|-------|-----------------------|-------|
|              |           | CASES   | RATES | CASES   | RATES | CASES               | RATES | CASES                 | RATES |
| ARANSAS      | 24,478    | 0       | 0.0   | 0       | 0.0   | 1                   | 4.1   | 0                     | 0.0   |
| BEE          | 34,051    | 0       | 0.0   | 0       | 0.0   | 0                   | 0.0   | 2                     | 5.9   |
| BROOKS       | 8,516     | 0       | 0.0   | 0       | 0.0   | 0                   | 0.0   | 0                     | 0.0   |
| CAMERON      | 402,230   | 2       | 0.5   | 0       | 0.0   | 76                  | 18.9  | 4                     | 1.0   |
| DUVAL        | 13,798    | 0       | 0.0   | 0       | 0.0   | 5                   | 36.2  | 0                     | 0.0   |
| HIDALGO      | 725,729   | 2       | 0.3   | 0       | 0.0   | 115                 | 15.8  | 8                     | 1.1   |
| JIM HOGG     | 5,757     | 0       | 0.0   | 0       | 0.0   | 0                   | 0.0   | 0                     | 0.0   |
| JIM WELLS    | 42,639    | 0       | 0.0   | 0       | 0.0   | 6                   | 14.1  | 1                     | 2.3   |
| KENEDY       | 452       | 0       | 0.0   | 0       | 0.0   | 0                   | 0.0   | 0                     | 0.0   |
| KLEBERG      | 34,108    | 0       | 0.0   | 0       | 0.0   | 4                   | 11.7  | 0                     | 0.0   |
| LIVE OAK     | 12,721    | 0       | 0.0   | 0       | 0.0   | 2                   | 15.7  | 0                     | 0.0   |
| MCMULLEN     | 866       | 0       | 0.0   | 0       | 0.0   | 0                   | 0.0   | 0                     | 0.0   |
| NUECES       | 328,491   | 0       | 0.0   | 0       | 0.0   | 32                  | 9.7   | 6                     | 1.8   |
| REFUGIO      | 8,261     | 0       | 0.0   | 0       | 0.0   | 0                   | 0.0   | 0                     | 0.0   |
| SAN PATRICIO | 75,139    | 0       | 0.0   | 0       | 0.0   | 8                   | 10.6  | 4                     | 5.3   |
| STARR        | 62,875    | 0       | 0.0   | 0       | 0.0   | 1                   | 1.6   | 1                     | 1.6   |
| WEBB         | 244,759   | 0       | 0.0   | 0       | 0.0   | 0                   | 0.0   | 2                     | 0.8   |
| WILLACY      | 21,990    | 0       | 0.0   | 0       | 0.0   | 7                   | 31.8  | 1                     | 4.5   |
| ZAPATA       | 14,512    | 0       | 0.0   | 0       | 0.0   | 2                   | 13.8  | 0                     | 0.0   |

|                        |           |   |     |   |     |     |      |    |     |
|------------------------|-----------|---|-----|---|-----|-----|------|----|-----|
| <b>REGIONAL TOTALS</b> | 2,061,372 | 4 | 0.2 | 0 | 0.0 | 259 | 12.6 | 29 | 1.4 |
|------------------------|-----------|---|-----|---|-----|-----|------|----|-----|

|                         |            |     |     |   |     |       |     |     |     |
|-------------------------|------------|-----|-----|---|-----|-------|-----|-----|-----|
| <b>STATEWIDE TOTALS</b> | 23,936,227 | 130 | 0.5 | 7 | 0.0 | 2,126 | 8.9 | 385 | 1.6 |
|-------------------------|------------|-----|-----|---|-----|-------|-----|-----|-----|

**HEALTH SERVICE REGION 11 - 2007  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

| COUNTY       | 2007 POP. | MENINGITIS,<br>OTHER |       | MENINGOCOCCAL<br>INFECTION |       | MUMPS |       | PERTUSSIS |       |
|--------------|-----------|----------------------|-------|----------------------------|-------|-------|-------|-----------|-------|
|              |           | CASES                | RATES | CASES                      | RATES | CASES | RATES | CASES     | RATES |
| ARANSAS      | 24,478    | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 0         | 0.0   |
| BEE          | 34,051    | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 4         | 11.7  |
| BROOKS       | 8,516     | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 0         | 0.0   |
| CAMERON      | 402,230   | 1                    | 0.2   | 0                          | 0.0   | 1     | 0.2   | 6         | 1.5   |
| DUVAL        | 13,798    | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 0         | 0.0   |
| HIDALGO      | 725,729   | 7                    | 1.0   | 2                          | 0.3   | 3     | 0.4   | 25        | 3.4   |
| JIM HOGG     | 5,757     | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 0         | 0.0   |
| JIM WELLS    | 42,639    | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 0         | 0.0   |
| KENEDY       | 452       | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 0         | 0.0   |
| KLEBERG      | 34,108    | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 0         | 0.0   |
| LIVE OAK     | 12,721    | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 0         | 0.0   |
| MCMULLEN     | 866       | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 0         | 0.0   |
| NUECES       | 328,491   | 3                    | 0.9   | 1                          | 0.3   | 0     | 0.0   | 10        | 3.0   |
| REFUGIO      | 8,261     | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 0         | 0.0   |
| SAN PATRICIO | 75,139    | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 1         | 1.3   |
| STARR        | 62,875    | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 2         | 3.2   |
| WEBB         | 244,759   | 3                    | 1.2   | 0                          | 0.0   | 0     | 0.0   | 2         | 0.8   |
| WILLACY      | 21,990    | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 0         | 0.0   |
| ZAPATA       | 14,512    | 0                    | 0.0   | 0                          | 0.0   | 0     | 0.0   | 0         | 0.0   |

|                        |           |    |     |   |     |   |     |    |     |
|------------------------|-----------|----|-----|---|-----|---|-----|----|-----|
| <b>REGIONAL TOTALS</b> | 2,061,372 | 14 | 0.7 | 3 | 0.1 | 4 | 0.2 | 50 | 2.4 |
|------------------------|-----------|----|-----|---|-----|---|-----|----|-----|

|                         |            |     |     |    |     |    |     |       |     |
|-------------------------|------------|-----|-----|----|-----|----|-----|-------|-----|
| <b>STATEWIDE TOTALS</b> | 23,936,227 | 101 | 0.4 | 55 | 0.2 | 21 | 0.1 | 1,051 | 4.4 |
|-------------------------|------------|-----|-----|----|-----|----|-----|-------|-----|

| COUNTY       | 2007 POP. | PRIMARY AMOEBIC<br>MENINGOENCEPHALITIS |       | Q FEVER |       | SALMONELLOSIS |       | SHIGELLOSIS |       |
|--------------|-----------|--|-------|---------|-------|---------------|-------|-------------|-------|
|              |           | CASES                                  | RATES | CASES   | RATES | CASES         | RATES | CASES       | RATES |
| ARANSAS      | 24,478    | 0                                      | 0.0   | 0       | 0.0   | 4             | 16.3  | 0           | 0.0   |
| BEE          | 34,051    | 0                                      | 0.0   | 0       | 0.0   | 11            | 32.3  | 0           | 0.0   |
| BROOKS       | 8,516     | 0                                      | 0.0   | 0       | 0.0   | 1             | 11.7  | 10          | 117.4 |
| CAMERON      | 402,230   | 0                                      | 0.0   | 0       | 0.0   | 105           | 26.1  | 25          | 6.2   |
| DUVAL        | 13,798    | 0                                      | 0.0   | 0       | 0.0   | 4             | 29.0  | 0           | 0.0   |
| HIDALGO      | 725,729   | 0                                      | 0.0   | 0       | 0.0   | 122           | 16.8  | 84          | 11.6  |
| JIM HOGG     | 5,757     | 0                                      | 0.0   | 0       | 0.0   | 2             | 34.7  | 1           | 17.4  |
| JIM WELLS    | 42,639    | 0                                      | 0.0   | 0       | 0.0   | 9             | 21.1  | 1           | 2.3   |
| KENEDY       | 452       | 0                                      | 0.0   | 0       | 0.0   | 1             | 221.2 | 1           | 221.2 |
| KLEBERG      | 34,108    | 0                                      | 0.0   | 0       | 0.0   | 9             | 26.4  | 0           | 0.0   |
| LIVE OAK     | 12,721    | 0                                      | 0.0   | 0       | 0.0   | 4             | 31.4  | 0           | 0.0   |
| MCMULLEN     | 866       | 0                                      | 0.0   | 0       | 0.0   | 0             | 0.0   | 0           | 0.0   |
| NUECES       | 328,491   | 0                                      | 0.0   | 0       | 0.0   | 59            | 18.0  | 5           | 1.5   |
| REFUGIO      | 8,261     | 0                                      | 0.0   | 0       | 0.0   | 0             | 0.0   | 0           | 0.0   |
| SAN PATRICIO | 75,139    | 0                                      | 0.0   | 0       | 0.0   | 19            | 25.3  | 0           | 0.0   |
| STARR        | 62,875    | 0                                      | 0.0   | 0       | 0.0   | 20            | 31.8  | 1           | 1.6   |
| WEBB         | 244,759   | 0                                      | 0.0   | 0       | 0.0   | 47            | 19.2  | 26          | 10.6  |
| WILLACY      | 21,990    | 0                                      | 0.0   | 0       | 0.0   | 10            | 45.5  | 1           | 4.5   |
| ZAPATA       | 14,512    | 0                                      | 0.0   | 0       | 0.0   | 6             | 41.3  | 0           | 0.0   |

|                        |           |   |     |   |     |     |      |     |     |
|------------------------|-----------|---|-----|---|-----|-----|------|-----|-----|
| <b>REGIONAL TOTALS</b> | 2,061,372 | 0 | 0.0 | 0 | 0.0 | 433 | 21.0 | 155 | 7.5 |
|------------------------|-----------|---|-----|---|-----|-----|------|-----|-----|

|                         |            |   |     |    |     |       |      |       |     |
|-------------------------|------------|---|-----|----|-----|-------|------|-------|-----|
| <b>STATEWIDE TOTALS</b> | 23,936,227 | 2 | 0.0 | 11 | 0.0 | 3,534 | 14.8 | 2,358 | 9.9 |
|-------------------------|------------|---|-----|----|-----|-------|------|-------|-----|

**HEALTH SERVICE REGION 11 - 2007  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

| COUNTY       | 2007 POP. | TULAREMIA |       | TYPHOID FEVER |       | TYPHUS, MURINE |       |
|--------------|-----------|-----------|-------|---------------|-------|----------------|-------|
|              |           | CASES     | RATES | CASES         | RATES | CASES          | RATES |
| ARANSAS      | 24,478    | 0         | 0.0   | 0             | 0.0   | 0              | 0.0   |
| BEE          | 34,051    | 0         | 0.0   | 0             | 0.0   | 0              | 0.0   |
| BROOKS       | 8,516     | 0         | 0.0   | 0             | 0.0   | 1              | 11.7  |
| CAMERON      | 402,230   | 0         | 0.0   | 1             | 0.2   | 41             | 10.2  |
| DUVAL        | 13,798    | 0         | 0.0   | 0             | 0.0   | 0              | 0.0   |
| HIDALGO      | 725,729   | 0         | 0.0   | 0             | 0.0   | 47             | 6.5   |
| JIM HOGG     | 5,757     | 0         | 0.0   | 0             | 0.0   | 0              | 0.0   |
| JIM WELLS    | 42,639    | 0         | 0.0   | 0             | 0.0   | 1              | 2.3   |
| KENEDY       | 452       | 0         | 0.0   | 0             | 0.0   | 0              | 0.0   |
| KLEBERG      | 34,108    | 0         | 0.0   | 1             | 2.9   | 1              | 2.9   |
| LIVE OAK     | 12,721    | 0         | 0.0   | 0             | 0.0   | 0              | 0.0   |
| MCMULLEN     | 866       | 0         | 0.0   | 0             | 0.0   | 0              | 0.0   |
| NUECES       | 328,491   | 1         | 0.3   | 0             | 0.0   | 56             | 17.0  |
| REFUGIO      | 8,261     | 0         | 0.0   | 0             | 0.0   | 0              | 0.0   |
| SAN PATRICIO | 75,139    | 0         | 0.0   | 0             | 0.0   | 10             | 13.3  |
| STARR        | 62,875    | 0         | 0.0   | 0             | 0.0   | 0              | 0.0   |
| WEBB         | 244,759   | 0         | 0.0   | 1             | 0.4   | 4              | 1.6   |
| WILLACY      | 21,990    | 0         | 0.0   | 0             | 0.0   | 2              | 9.1   |
| ZAPATA       | 14,512    | 0         | 0.0   | 0             | 0.0   | 1              | 6.9   |

|                        |           |   |     |   |     |     |     |
|------------------------|-----------|---|-----|---|-----|-----|-----|
| <b>REGIONAL TOTALS</b> | 2,061,372 | 1 | 0.0 | 3 | 0.1 | 164 | 8.0 |
|------------------------|-----------|---|-----|---|-----|-----|-----|

|                         |            |   |     |    |     |     |     |
|-------------------------|------------|---|-----|----|-----|-----|-----|
| <b>STATEWIDE TOTALS</b> | 23,936,227 | 1 | 0.0 | 22 | 0.1 | 169 | 0.7 |
|-------------------------|------------|---|-----|----|-----|-----|-----|

| COUNTY       | 2007 POP. | VIBRIO<br>PARAHAEMOLYTICUS |       | VIBRIO<br>VULNIFICUS |       | VIBRIO<br>OTHER/UNSPECIFIED |       | VISA  |       |
|--------------|-----------|----------------------------|-------|----------------------|-------|-----------------------------|-------|-------|-------|
|              |           | CASES                      | RATES | CASES                | RATES | CASES                       | RATES | CASES | RATES |
| ARANSAS      | 24,478    | 0                          | 0.0   | 1                    | 4.1   | 0                           | 0.0   | 0     | 0.0   |
| BEE          | 34,051    | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| BROOKS       | 8,516     | 0                          | 0.0   | 1                    | 11.7  | 0                           | 0.0   | 0     | 0.0   |
| CAMERON      | 402,230   | 0                          | 0.0   | 0                    | 0.0   | 1                           | 0.2   | 0     | 0.0   |
| DUVAL        | 13,798    | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| HIDALGO      | 725,729   | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| JIM HOGG     | 5,757     | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| JIM WELLS    | 42,639    | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| KENEDY       | 452       | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| KLEBERG      | 34,108    | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| LIVE OAK     | 12,721    | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| MCMULLEN     | 866       | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| NUECES       | 328,491   | 1                          | 0.3   | 1                    | 0.3   | 1                           | 0.3   | 0     | 0.0   |
| REFUGIO      | 8,261     | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| SAN PATRICIO | 75,139    | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| STARR        | 62,875    | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| WEBB         | 244,759   | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| WILLACY      | 21,990    | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |
| ZAPATA       | 14,512    | 0                          | 0.0   | 0                    | 0.0   | 0                           | 0.0   | 0     | 0.0   |

|                        |           |   |     |   |     |   |     |   |     |
|------------------------|-----------|---|-----|---|-----|---|-----|---|-----|
| <b>REGIONAL TOTALS</b> | 2,061,372 | 1 | 0.0 | 3 | 0.1 | 2 | 0.1 | 0 | 0.0 |
|------------------------|-----------|---|-----|---|-----|---|-----|---|-----|

|                         |            |    |     |    |     |    |     |   |     |
|-------------------------|------------|----|-----|----|-----|----|-----|---|-----|
| <b>STATEWIDE TOTALS</b> | 23,936,227 | 15 | 0.1 | 26 | 0.1 | 19 | 0.1 | 3 | 0.0 |
|-------------------------|------------|----|-----|----|-----|----|-----|---|-----|

**HEALTH SERVICE REGION 11 - 2007  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

| COUNTY                  | 2007 POP.  | WEST NILE FEVER |       | WEST NILE NEUROINVASIVE DISEASE |       | YERSINIOSIS |       |
|-------------------------|------------|-----------------|-------|---------------------------------|-------|-------------|-------|
|                         |            | CASES           | RATES | CASES                           | RATES | CASES       | RATES |
| ARANSAS                 | 24,478     | 0               | 0.0   | 0                               | 0.0   | 0           | 0.0   |
| BEE                     | 34,051     | 0               | 0.0   | 0                               | 0.0   | 0           | 0.0   |
| BROOKS                  | 8,516      | 0               | 0.0   | 0                               | 0.0   | 0           | 0.0   |
| CAMERON                 | 402,230    | 3               | 0.7   | 1                               | 0.2   | 0           | 0.0   |
| DUVAL                   | 13,798     | 0               | 0.0   | 0                               | 0.0   | 0           | 0.0   |
| HIDALGO                 | 725,729    | 1               | 0.1   | 2                               | 0.3   | 0           | 0.0   |
| JIM HOGG                | 5,757      | 0               | 0.0   | 0                               | 0.0   | 0           | 0.0   |
| JIM WELLS               | 42,639     | 2               | 4.7   | 1                               | 2.3   | 0           | 0.0   |
| KENEDY                  | 452        | 0               | 0.0   | 0                               | 0.0   | 0           | 0.0   |
| KLEBERG                 | 34,108     | 0               | 0.0   | 1                               | 2.9   | 0           | 0.0   |
| LIVE OAK                | 12,721     | 0               | 0.0   | 0                               | 0.0   | 0           | 0.0   |
| MCMULLEN                | 866        | 0               | 0.0   | 0                               | 0.0   | 0           | 0.0   |
| NUECES                  | 328,491    | 2               | 0.6   | 3                               | 0.9   | 0           | 0.0   |
| REFUGIO                 | 8,261      | 0               | 0.0   | 0                               | 0.0   | 0           | 0.0   |
| SAN PATRICIO            | 75,139     | 0               | 0.0   | 0                               | 0.0   | 0           | 0.0   |
| STARR                   | 62,875     | 0               | 0.0   | 0                               | 0.0   | 0           | 0.0   |
| WEBB                    | 244,759    | 0               | 0.0   | 1                               | 0.4   | 0           | 0.0   |
| WILLACY                 | 21,990     | 1               | 4.5   | 0                               | 0.0   | 0           | 0.0   |
| ZAPATA                  | 14,512     | 0               | 0.0   | 0                               | 0.0   | 0           | 0.0   |
| <b>REGIONAL TOTALS</b>  | 2,061,372  | 9               | 0.4   | 9                               | 0.4   | 0           | 0.0   |
| <b>STATEWIDE TOTALS</b> | 23,936,227 | 90              | 0.4   | 170                             | 0.7   | 10          | 0.0   |

<sup>1</sup> DSHS Center for Health Statistics projected 2007 Texas population data  
<http://www.dshs.state.tx.us/chs/popdat/detailX.shtm> accessed 1/7/2005.

<sup>2</sup> Infant botulism rates are calculated using population under 1 year of age.

<sup>3</sup> Perinatal hepatitis B rates are calculated using population under 2 years of age.

<sup>4</sup> Pediatric influenza deaths are calculated using population under 18 years of age.